Signalling Mind: Document Sources

South East Central Railway, S&T. Status as on 30 October 2026. Live knowledge base version 20261030-rel71-on-rel70.

1. What this list is

Signalling Mind answers questions from official S&T documents only. This list shows every document the system uses today, the documents being added next, and how you can reach the source.

Collection	Documents
Live in the system now (searchable, answers cite them), including 289 SECR HQ library documents added as text in release rel71	1473
Being added: SECR HQ shared library (rule books, slips, circulars, handbooks), remaining	207
Being added: RDSO intranet, S&T wing (specs, Kavach, test formats, drawings, minutes)	820
Total documents (after removing 16 duplicate copies)	2500
Duplicate copies removed from this list (files kept in an archive, not deleted)	16

2. How to access the documents

- Ask Signalling Mind on the chat page in English, Hinglish or Hindi. Every answer names the document and clause; open the citation to see the page it comes from.
- Rule books and manuals (G&SR, Signal Engineering Manual (IRSEM), Operating and Accident Manuals, Telecom Manual): the official copies are with the SECR S&T office and on the Indian Railways / Railway Board websites.
- RDSO specifications, TANs, test formats and Kavach documents: RDSO website and the RDSO intranet (Signal and Telecom wings).
- IRISET and CAMTECH handbooks and notes: IRISET and CAMTECH websites; maker manuals come from the equipment makers.
- Where an older and a newer edition exist, only the latest is used for answers; older editions are kept for reference only.

3. Catalogue by category

Each document has the columns Title, Doc no., Subject, Issued, Issuer and Status. "Doc no." gives the full identifier with its issuer: specification number, version, amendment, correction-slip number and date (for example RDSO/SPN/TC/106/2026 Ver 4.0, IRS:S 31-80, SECR G&SR 2013 CS No. 52 (02.01.2023)). Where a document has no number, it shows issuer, type and date. "Title" is the topic only. Correction slips follow their parent manual in slip-number order. Only the latest edition is used for answers. The 289 SECR HQ library documents released in rel71 still show "Staged (SECR HQ library)" in their row; they are live as text, with rule cards to follow. 16 duplicate copies found in the 31 Oct duplicate check were removed from this list.

Doc numbers and titles were split by rule from titles written by an AI reader; check against the document.

Rule books & manuals (72)

G&SR (General & Subsidiary Rules) (17)

Title	Doc no.	Subject	Issued	Issuer	Status
↳ Signal sighting, 140 kmph speed limit without Kavach, and defective speedometer handling	NR G&SR 1983 Amendment Slip No. 211 (07.02.2025)	Northern Railway amendment slip adding subsidiary rules on Kavach: signal sighting, 140 kmph speed limit without Kavach, and defective speedometer handling.	2025-02-07	Northern Railway	Staged (SECR HQ library) *Slip No. 211 to G&SR (Northern Railway) 1983; issued 2025-02-07*
General Rules 1976 with Subsidiary Rules of South East Central Railway, Edition 2013	SECR 2013	Indian Railways (Open Lines) General Rules 1976 with the South East Central Railway Subsidiary Rules, 2013 edition.	2013	South East Central Railway	Live
Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendix of South East Central Railway, Edition 2013 (with all correction slips)	SECR Correction slip 2013	South East Central Railway edition 2013 of the General Rules 1976 with Subsidiary Rules and appendix, including correction slips.	2013	South East Central Railway	Staged (SECR HQ library) *Consolidated edition, incorporates slips up to all*
↳ Correction to SECR G&SR 2013	SECR G&SR 2013 CS No. 04 (10.07.2014)	Scanned one-page correction slip number 04 to the SECR General and Subsidiary Rules 2013; no text available.	2014-07-10	South East Central Railway	Staged (SECR HQ library) *Slip No. 4 to G&SR 2013; issued 2014-07-10 Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together*

Title	Doc no.	Subject	Issued	Issuer	Status
					with Subsidiary Rules and Appendi
↳ Addendum & Corrigendum No. 7 to General and Subsidiary Rules 2013 (SECR)	SECR 10.12.2014	SECR addendum and corrigendum to the G&SR 2013; scanned, text not available (title: CS GSR 2013-07).	2014-12-10	South East Central Railway	Staged (SECR HQ library) *Slip No. 7 to G&SR 2013; issued 2014-12-10* *Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi*
↳ Addendum & Corrigendum No. 10 to General and Subsidiary Rules 2013 (SECR)	SECR 25.05.2015	SECR addendum and corrigendum to the G&SR 2013; scanned, text not available (title: CS GSR 2013-10).	2015-05-25	South East Central Railway	Staged (SECR HQ library) *Slip No. 10 to G&SR 2013; issued 2015-05-25* *Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines)*

Title	Doc no.	Subject	Issued	Issuer	Status
					General Rules 1976 together with Subsidiary Rules and Appendi
↳ Correction to SECR G&SR 2013	SECR G&SR 2013 CS No. 15 (26.10.2017)	Scanned one-page correction slip number 15 to the SECR General and Subsidiary Rules 2013; no text available.	2017-10-26	South East Central Railway	Staged (SECR HQ library) *Slip No. 15 to G&SR 2013; issued 2017-10-26 Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi*
↳ Addendum & Corrigendum No. 17 to General and Subsidiary Rules 2013 (SECR)	SECR 03.10.2018	SECR addendum and corrigendum revising SR 3.78.01 of the G&SR 2013 on road learning trips for loco pilots.	2018-10-03	South East Central Railway	Staged (SECR HQ library) *Slip No. 17 to G&SR 2013; issued 2018-10-03 Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check):*

Title	Doc no.	Subject	Issued	Issuer	Status
					Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi
↳ Correction to SECR G&SR 2013	SECR G&SR 2013 CS No. 52 (02.01.2023)	Scanned one-page correction slip number 52 to the SECR General and Subsidiary Rules 2013; no text available.	2023-01-02	South East Central Railway	Staged (SECR HQ library) *Slip No. 52 to G&SR 2013; issued 2023-01-02* *Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi*
↳ Correction to SECR G&SR 2013	SECR G&SR 2013 CS No. 58 (22.03.2024)	Scanned one-page correction slip number 58 to the SECR General and Subsidiary Rules 2013; no text available.	2024-03-22	South East Central Railway	Staged (SECR HQ library) *Slip No. 58 to G&SR 2013; issued 2024-03-22* *Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of*

Title	Doc no.	Subject	Issued	Issuer	Status
					this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi
↳ Correction to SECR G&SR 2013	SECR G&SR 2013 CS No. 59 (28.08.2024)	Scanned 30-page correction slip number 59 to the SECR General and Subsidiary Rules 2013; no text available.	2024-08-28	South East Central Railway	Staged (SECR HQ library) *Slip No. 59 to G&SR 2013; issued 2024-08-28 Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi*
↳ With Addendum No. 24 to Operating Manual 2008	SECR G&SR 2013 CS No. 60 (03.02.2025)	SECR revision of SR 3.84.03(a) on extra engines on electrified sections, with Operating Manual 2008 addendum revising para 6.21 on assisting engines.	2025-02-03	South East Central Railway	Staged (SECR HQ library) *Slip No. 60 to G&SR 2013; issued 2025-02-03 Already incorporated in the staged (Z library) consolidated edition (all correction slips*

Title	Doc no.	Subject	Issued	Issuer	Status
					per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi
↳ Addendum & Corrigendum No. 61 to General and Subsidiary Rule Book 2013 of South East Central Railway (corrected copy)	SECR 17.04.2025	SECR addendum modifying USR 9.12 on running of trains in affected sections per Railway Board letters, with revised authority forms T/A 912 and T/D 912.	2025-04-17	South East Central Railway	Staged (SECR HQ library) *Slip No. 61 to G&SR 2013; issued 2025-04-17 Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi*
↳ Addendum & Corrigendum No. 62 to General and Subsidiary Rule Book 2013 of South East Central Railway	SECR 19.08.2025	SECR addendum revising SR 3.16.01(iii) on minimum visibility distances of distant, inner distant and stop signals in multiple aspect territory.	2025-08-19	South East Central Railway	Staged (SECR HQ library) *Slip No. 62 to G&SR 2013; issued 2025-08-19 Already incorporated in the staged (Z library) consolidated*

Title	Doc no.	Subject	Issued	Issuer	Status
					edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi
↳ Addendum & Corrigendum No. 63 to General and Subsidiary Rule Book 2013 of South East Central Railway	SECR 08.09.2025	SECR addendum adding SR 4.42.01(f) on signal exchange lights operated by Loco Pilots, Assistant Loco Pilots and Train Managers.	2025-09-08	South East Central Railway	Staged (SECR HQ library) *Slip No. 63 to G&SR 2013; issued 2025-09-08 Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi*
↳ Addendum & Corrigendum No. 64 to General and Subsidiary Rule Book 2013 of South East Central Railway - IR-ATP (Kavach) Rules	SECR 12.09.2025	SECR addendum adding GR 1.02(28A) defining IR-ATP (Kavach) and new unified subsidiary rules for Kavach territory, per Railway Board and Gazette notification.	2025-09-12	South East Central Railway	Staged (SECR HQ library) *Slip No. 64 to G&SR 2013; issued 2025-09-12 Already incorporated in the staged (Z*

Title	Doc no.	Subject	Issued	Issuer	Status
					library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi
↳ Addendum & Corrigendum No. 65 to General and Subsidiary Rule Book 2013 of South East Central Railway	SECR 24.12.2025	SECR addendum adding SR 4.11.02 on over speeding of up to 3 kmph persistent and 5 kmph momentary not being a cause for disciplinary action.	2025-12-24	South East Central Railway	Staged (SECR HQ library) *Slip No. 65 to G&SR 2013; issued 2025-12-24 Already incorporated in the staged (Z library) consolidated edition (all correction slips per its title; cut-off number of this copy not stated, check): Indian Railways (Open Lines) General Rules 1976 together with Subsidiary Rules and Appendi*

Signal Engineering Manual (IRSEM) (4)

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railways Signal Engineering Manual (IRSEM), Version 3.0, June 2021	Railway Board Manual 06.2021	Version 3.0 of the Indian Railways Signal Engineering Manual published by IRISET for the Railway Board.	2021-06	Railway Board	Live

Title	Doc no.	Subject	Issued	Issuer	Status
IRSEM Appendix I - Maintenance Schedule Booklet	Railway Board Manual 07.2021	Appendix I of the Indian Railways Signal Engineering Manual, a booklet of maintenance schedules numbered by chapter.	2021-07	Railway Board	Live
IRSEM Appendix II	Railway Board (published by IRISET) Drawings for Guidance (Version 3.0) (06.2021)	Appendix II of the Indian Railways Signal Engineering Manual, a booklet of guidance drawings arranged by manual chapter.	2021-06	Railway Board (published by IRISET)	Live
↳ Correction to IRSEM	IRSEM CS No. 3 (08.11.2023)	Railway Board correction slip number 3 addressed to General Managers and others, file reference 2022/Sig/33/1/SEM/Misc.	2023-11-08	Railway Board	Live *Slip No. 3 to Signal Engineering Manual (IRSEM); issued 2023-11-08*

Operating manual (23)

Title	Doc no.	Subject	Issued	Issuer	Status
Operating Manual 2008 (First Edition)	SECR Manual 2008	First edition of the SECR Operating Manual, intended as guidance for operating staff and others connected with train working.	2008	South East Central Railway	Staged (SECR HQ library)
↳ Addendum & Corrigendum No. 1 to Operating Manual 2008 (SECR)	SECR Manual 12.01.2011	SECR addendum and corrigendum replacing Operating Manual Rule 17.26(d) 1(vii) on brake power of trains.	2011-01-12	South East Central Railway	Staged (SECR HQ library) *Slip No. 1 to Operating Manual 2008; issued 2011-01-12*
↳ Addendum & Corrigendum No. 2 to Operating Manual 2008 (SECR)	SECR Manual 15.04.2013	SECR addendum and corrigendum replacing Operating Manual Rule 1.03(f) on minor alterations to signals.	2013-04-15	South East Central Railway	Staged (SECR HQ library) *Slip No. 2 to Operating Manual 2008; issued 2013-04-15*
↳ Addendum & Corrigendum No. 3 to Operating Manual 2008 (SECR)	SECR Manual 03.02.2016	SECR addendum and corrigendum replacing para 1.10 of the Operating Manual on standards of signalling and interlocking.	2016-02-03	South East Central Railway	Staged (SECR HQ library) *Slip No. 3 to Operating Manual 2008; issued 2016-02-03*

Title	Doc no.	Subject	Issued	Issuer	Status
↳ Addendum & Corrigendum No. 4 to Operating Manual 2008 (SECR)	SECR Manual 24.10.2017	SECR addendum and corrigendum amending the Operating Manual, including replacement of para 5.12(d).	2017-10-24	South East Central Railway	Staged (SECR HQ library) *Slip No. 4 to Operating Manual 2008; issued 2017-10-24*
↳ Addendum & Corrigendum No. 5 to Operating Manual 2008 (SECR)	SECR Manual 11.10.2018	SECR addendum and corrigendum amending the third line of para 15.03(b)(i) of the Operating Manual.	2018-10-11	South East Central Railway	Staged (SECR HQ library) *Slip No. 5 to Operating Manual 2008; issued 2018-10-11*
↳ Addendum & Corrigendum No. 6 to Operating Manual 2008 (SECR)	SECR Manual 27.03.2019	SECR addendum and corrigendum adding new para 22.27 on display of new signals and sectional gradients.	2019-03-27	South East Central Railway	Staged (SECR HQ library) *Slip No. 6 to Operating Manual 2008; issued 2019-03-27*
↳ Addendum & Corrigendum No. 7 to Operating Manual 2008 (SECR)	SECR Manual 01.10.2021	SECR addendum and corrigendum revising para 17.26(d) 1(vii) on minimum permissible brake power.	2021-10-01	South East Central Railway	Staged (SECR HQ library) *Slip No. 7 to Operating Manual 2008; issued 2021-10-01*
↳ Addendum & Corrigendum No. 8 to Operating Manual 2008 (SECR)	SECR Manual 10.11.2021	SECR addendum and corrigendum adding new Chapter XXIV on non-interlocked working to the Operating Manual.	2021-11-10	South East Central Railway	Staged (SECR HQ library) *Slip No. 8 to Operating Manual 2008; issued 2021-11-10*
↳ Addendum & Corrigendum No. 9 to Operating Manual 2008 (SECR)	SECR Manual 16.03.2022	SECR addendum and corrigendum adding new Chapter XXV on crew links, loco links and power plan.	2022-03-16	South East Central Railway	Staged (SECR HQ library) *Slip No. 9 to Operating Manual 2008; issued 2022-03-16*
↳ Addendum & Corrigendum No. 10 to	SECR Manual 18.04.2022	SECR addendum and corrigendum adding new para	2022-04-18	South East Central	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
Operating Manual 2008 (SECR)		25.09(5)(iii) on crew links, loco links and power plan.		Railway	HQ library) *Slip No. 10 to Operating Manual 2008; issued 2022-04-18*
↳ Addendum & Corrigendum No. 11 to Operating Manual 2008 (SECR)	SECR Manual 09.05.2022	SECR addendum and corrigendum revising para 23.02 on quota of inspections for operating staff.	2022-05-09	South East Central Railway	Staged (SECR HQ library) *Slip No. 11 to Operating Manual 2008; issued 2022-05-09*
↳ Addendum & Corrigendum No. 12 to Operating Manual 2008 (SECR)	SECR Manual 12.05.2022	SECR addendum and corrigendum revising para 25.09(3)(ii) of the Operating Manual on severe operational exigencies.	2022-05-12	South East Central Railway	Staged (SECR HQ library) *Slip No. 12 to Operating Manual 2008; issued 2022-05-12*
↳ Addendum & Corrigendum No. 13 to Operating Manual 2008 (SECR)	SECR Manual 27.05.2022	SECR addendum and corrigendum on entries in the CTR form when a crew or guard is booked as pilot.	2022-05-27	South East Central Railway	Staged (SECR HQ library) *Slip No. 13 to Operating Manual 2008; issued 2022-05-27*
↳ Addendum & Corrigendum No. 14 to Operating Manual 2008 (SECR)	SECR Manual 20.06.2022	SECR addendum and corrigendum adding new para 24.25 and revising other paras of the Operating Manual.	2022-06-20	South East Central Railway	Staged (SECR HQ library) *Slip No. 14 to Operating Manual 2008; issued 2022-06-20*
↳ Addendum & Corrigendum No. 15 to Operating Manual 2008 (SECR)	SECR Manual 22.07.2022	SECR addendum and corrigendum revising para 15.03 on classification of ODCs.	2022-07-22	South East Central Railway	Staged (SECR HQ library) *Slip No. 15 to Operating Manual 2008; issued 2022-07-22*
↳ Addendum & Corrigendum No. 16 to Operating Manual 2008 (Deleted) (SECR)	SECR Manual 29.07.2022	SECR addendum and corrigendum adding new para 6.23 on operation of goods stock; marked as deleted	2022-07-29	South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		in the title.			*Slip No. 16 to Operating Manual 2008; issued 2022-07-29*
↳ Addendum & Corrigendum No. 17 to Operating Manual 2008 (SECR)	SECR Manual 03.08.2022	SECR addendum and corrigendum revising para 22.03(d) of the Operating Manual on booking of guards.	2022-08-03	South East Central Railway	Staged (SECR HQ library) *Slip No. 17 to Operating Manual 2008; issued 2022-08-03*
↳ Addendum & Corrigendum No. 18 to Operating Manual 2008 (SECR)	SECR Manual 05.08.2022	SECR addendum and corrigendum No. 18 to the Operating Manual; scanned, text not available (title: CS 18 Operating Manual).	2022-08-05	South East Central Railway	Staged (SECR HQ library) *Slip No. 18 to Operating Manual 2008; issued 2022-08-05*
↳ Addendum & Corrigendum No. 19 to Operating Manual 2008 (SECR)	SECR Manual 19.12.2022	SECR addendum and corrigendum adding, revising and deleting paras of the Operating Manual, including new para 22.03(e)(i) on conveying TOs.	2022-12-19	South East Central Railway	Staged (SECR HQ library) *Slip No. 19 to Operating Manual 2008; issued 2022-12-19*
↳ Addendum & Corrigendum No. 20 to Operating Manual 2008 (SECR)	SECR Manual 27.12.2022	SECR addendum and corrigendum deleting Addendum and Corrigendum No. 16 to the Operating Manual.	2022-12-27	South East Central Railway	Staged (SECR HQ library) *Slip No. 20 to Operating Manual 2008; issued 2022-12-27*
↳ Addendum & Corrigendum No. 21 to Operating Manual 2008 (SECR)	SECR Manual 07.11.2023	SECR addendum and corrigendum revising para 23.02 on monthly quota of inspections for operating officers at Zonal Headquarters.	2023-11-07	South East Central Railway	Staged (SECR HQ library) *Slip No. 21 to Operating Manual 2008; issued 2023-11-07*
Operating Manual, 2nd Edition 2025	SECR Manual 2025	Operating manual of South East Central Railway, covering types of fixed signals among other operating rules.	2025	South East Central Railway	Live

Accident manual (11)

Title	Doc no.	Subject	Issued	Issuer	Status
Accident Manual 2014	SECR Manual 2014	Accident manual of South East Central Railway, to be read with the General Rules and Subsidiary Rules, covering objectives in dealing with an accident.	2014	South East Central Railway	Live
Accident Manual 2014 (Second Edition) up to Correction Slip 04	SECR Correction slip 2014	Second edition of the SECR Accident Manual, 2014, including correction slips up to No. 04.	2014	South East Central Railway	Staged (SECR HQ library) *Consolidated edition, incorporates slips up to 4*
↳ Addendum & Corrigendum No. 1 to Accident Manual (SECR)	SECR Manual 05.01.2015	SECR addendum and corrigendum No. 1 to the Accident Manual; scanned, text not available.	2015-01-05	South East Central Railway	Staged (SECR HQ library) *Slip No. 1 to Accident Manual; issued 2015-01-05 Already incorporated in the staged (Z library) consolidated edition (up to No. 4 per its title): South East Central Railway Accident Manual 2014 (Second Edition) up to Correction Slip 04*
↳ Addendum & Corrigendum No. 2 to Accident Manual (SECR)	SECR Manual 26.04.2016	SECR addendum and corrigendum No. 2 to the Accident Manual; scanned, text not available (title: CS 02 Accident Manual).	2016-04-26	South East Central Railway	Staged (SECR HQ library) *Slip No. 2 to Accident Manual; issued 2016-04-26 Already incorporated in the staged (Z library) consolidated edition (up to No. 4 per its title): South East*

Title	Doc no.	Subject	Issued	Issuer	Status
					Central Railway Accident Manual 2014 (Second Edition) up to Correction Slip 04
↳ Addendum & Corrigendum No. 3 to Accident Manual (SECR)	SECR Manual 05.09.2017	SECR addendum and corrigendum No. 3 to the Accident Manual; scanned, text not available (title: CS 03 Accident Manual).	2017-09-05	South East Central Railway	Staged (SECR HQ library) *Slip No. 3 to Accident Manual; issued 2017-09-05 Already incorporated in the staged (Z library) consolidated edition (up to No. 4 per its title): South East Central Railway Accident Manual 2014 (Second Edition) up to Correction Slip 04*
↳ Addendum & Corrigendum No. 5 to Accident Manual 2014 (SECR)	SECR Manual 11.05.2022	SECR addendum and corrigendum adding and revising rules of the Accident Manual, including new Rule 10.01(a) on joint note.	2022-05-11	South East Central Railway	Staged (SECR HQ library) *Slip No. 5 to Accident Manual 2014; issued 2022-05-11*
↳ Addendum & Corrigendum No. 6 to Accident Manual 2014 (SECR)	SECR Manual 28.07.2022	SECR addendum and corrigendum revising and deleting rules of the Accident Manual, including Rule 6.01.2(vii)(g).	2022-07-28	South East Central Railway	Staged (SECR HQ library) *Slip No. 6 to Accident Manual 2014; issued 2022-07-28*
↳ Addendum & Corrigendum No. 7 to Accident Manual 2014 (SECR)	SECR Manual 23.09.2022	SECR addendum and corrigendum adding new item (u) to Rule 4.04 on duties of the Supervising Station Manager.	2022-09-23	South East Central Railway	Staged (SECR HQ library) *Slip No. 7 to Accident Manual 2014; issued 2022-09-23*

Title	Doc no.	Subject	Issued	Issuer	Status
↳ Addendum & Corrigendum No. 9 to Accident Manual 2014 (SECR)	SECR Manual 26.07.2024	SECR addendum and corrigendum amending Annexure A of Rule 6.04 of the Accident Manual.	2024-07-26	South East Central Railway	Staged (SECR HQ library) *Slip No. 9 to Accident Manual 2014; issued 2024-07-26*
Accident Manual 2025 (Third Edition)	SECR Manual 2025	Third edition of the SECR Accident Manual bringing together instructions and guidelines on railway accidents, to be read with the G&SR.	2025	South East Central Railway	Staged (SECR HQ library)
Accident Manual 2025 - Cover Page and Index	SECR Manual 2025	Cover page and chapter index of the SECR Accident Manual 2025.	2025	South East Central Railway	Staged (SECR HQ library)

Block working manual (6)

Title	Doc no.	Subject	Issued	Issuer	Status
Block Working Manual, Edition 2008	SECR Manual 2008	Zonal manual on rules for working of block instruments on single, double, triple and quadruple lines under the G&SR 1998.	2008	South East Central Railway	Live
↳ Block Working Manual 2008	SECR Addendum and Corrigendum No. 1 (Rules 4.33(1) and 5.09(2)) Slip No. 1 (21.03.2011)	COM letter dated 21.03.2011 replacing rules 4.33(1) on Daido token-less block and 5.09(2) on SGE lock-and-block signalling in the SECR Block Working Manual 2008.	2011-03-21	South East Central Railway	Live *Slip No. 1 to Block Working Manual 2008; issued 2011-03-21*
↳ Block Working Manual 2008	SECR Addendum and Corrigendum No. 2 (Rule 2.09(c)) Slip No. 2 (21.10.2013)	COM letter dated 21.10.2013 replacing rule 2.09(c) on the Train Signal Register Form OP/T-28 in the SECR Block Working Manual 2008.	2013-10-21	South East Central Railway	Live *Slip No. 2 to Block Working Manual 2008; issued 2013-10-21*
↳ Block Working Manual 2008 - Addendum and Corrigendum No. 3 (Rules 3.01 to 3.26, Paper Line Clear Working)	SECR Manual 28.07.2016	COM letter dated 28.07.2016 revising rules 3.01 to 3.26 on paper line clear working, forms T/A to T/D 1425 and Appendix B of the SECR Block Working Manual 2008.	2016-07-28	South East Central Railway	Live *Slip No. 3 to Block Working Manual 2008; issued 2016-07-28*
↳ Block Working Manual 2008	SECR Addendum and Corrigendum No. 4 (Appendix B, Form T/369(3b), Form T/375) Slip No. 4 (27.08.2020)	PCOM letter dated 27.08.2020 revising Appendix B, Form T/369(3b) and adding Form T/375 for IBS signal in the SECR Block Working Manual 2008.	2020-08-27	South East Central Railway	Live *Slip No. 4 to Block Working Manual 2008; issued 2020-08-*

Title	Doc no.	Subject	Issued	Issuer	Status
					27
↳ Block Working Manual 2008	SECR Addendum and Corrigendum No. 5 (Rules 6.23 and 6.25, Appendix B) Slip No. 5 (28.08.2024)	PCOM letter dated 28.08.2024 revising rules 6.23 and 6.25, deleting Form T/375, introducing Form T/E 912 and revising Appendix B of the SECR Block Working Manual 2008.	2024-08-28	South East Central Railway	Live *Slip No. 5 to Block Working Manual 2008; issued 2024-08-28*

Telecom manual (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Telecom Manual 2021	Indian Railways Manual 2021	Indian Railways Telecom Manual 2021, with chapters starting from organisation of the telecom department.	2021	Indian Railways	Live

Other codes & manuals (4)

Title	Doc no.	Subject	Issued	Issuer	Status
IRMM Light Job	Manual	Indian Railway Medical Manual related document on light jobs; no text was available.			Staged (SECR HQ library)
Indian Railway Medical Manual (Final)	Manual	Indian Railway Medical Manual word-processing file; no text was available.			Staged (SECR HQ library)
Indian Railway Medical Manual - Chapter V, Medical Examination	Manual	Chapter V of the Indian Railway Medical Manual on medical examination of candidates for appointment to the gazetted railway service.			Staged (SECR HQ library)
Indian Railway Medical Manual Volume I, Third Edition 2000	Railway Board Manual 2000	Third edition of the Indian Railway Medical Manual Volume I, corrected up to 30-9-99.	2000	Railway Board	Staged (SECR HQ library)

Correction slips (6)

Title	Doc no.	Subject	Issued	Issuer	Status
Availability List	Compendium of Advance Correction Slips to Indian Railway Medical Manual 2000	List of yearly compendia of advance correction slips to the Indian Railway Medical Manual 2000 and whether each is available.			Staged (SECR HQ library)
Compendium of Important Letters and Advance Correction Slips to Indian Railways Medical Manual 2000, 2011	Railway Board Health Directorate Correction slip	Health Directorate compendium of letters and advance correction slips to the Indian Railways Medical Manual 2000, issued during 2011.		Railway Board Health Directorate	Staged (SECR HQ library)
↳ Addendum and Corrigendum Slip	Railway Board Correction slip	Railway Board ACS modifying Note (d) of Para 2,	2026-03-23	Railway Board	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
(ACS) No. 06 to Indian Railways Schedule of Dimensions 1676 mm Gauge (BG) Revised 2022	23.03.2026	Schedule I, Chapter II of the Schedule of Dimensions on condonation of gradients steeper than 1 in 400.			HQ library) *Slip No. 6 to IRSOD; issued 2026-03-23*
↳ Addendum & Corrigendum Slip No. 32 to Indian Railways Schedule of Dimensions 1676 mm Gauge (BG) Revised 2004	Railway Board No. 2021/CEDO/SD/IRSOD/O/ACS	Railway Board letter issuing Addendum and Corrigendum Slip No. 32 amending Schedule I of the Indian Railways Schedule of Dimensions for broad gauge.	2021-10-26	Railway Board	Staged (SECR HQ library) *Slip No. 32 to IRSOD; issued 2021-10-26*
Addendum and Corrigendum Slip (ACS) No. 05 - Para 2 of Chapter II of Schedule I	Railway Board IRSOD (BG) Revised 2022	Railway Board slip amending the power of condonation for maximum (steepest) gradient in station yards in the BG Schedule of Dimensions 2022.	2025-03-24	Railway Board	Live
Publication of Gazette Notification Amending General Rule 3.07 (Description of Distant Signals and their Indications)	SECR Policy Circular 08/2013	SECR circular publishing a Gazette notification amending General Rule 3.07 of the Indian Railways (Open Line) General Rules 1976.	2013	South East Central Railway	Staged (SECR HQ library)

RDSO specifications (233)

Signalling specifications (64)

Title	Doc no.	Subject	Issued	Issuer	Status
Specification for Electric Lifting Barrier (Tentative)	IRS S 41-70 with Amendment 2	Indian Railway Standard tentative specification for electric lifting barrier, with amendment 2.		RDSO	Staged (SECR HQ library)
Specification for Transformer 230-110 V (1 to 5 kVA) for Signalling	IRS S 72-88 with Amendment 2	Indian Railways Standard specification for 230/110 V transformers of 1 kVA to 5 kVA for signalling use, with amendment 2.		RDSO	Staged (SECR HQ library)
Specification for Galvanised Solid Steel Wire for Signalling Purposes	IRS:S 1-62 Rev 5 (1962)	Technical specification for galvanised solid steel wire used for signalling purposes.	1962	RDSO	Live
Specification for Mechanical Signalling and Interlocking Equipment	IRS:S 10-78 Rev 8 (1978)	Indian Railway Standard specification giving technical requirements of mechanical signalling and interlocking equipment.	1978	RDSO	Live
Indian Railway Standard Specification for Railway Signalling Symbols	IRS:S 101-90 (1990)	Standard symbols, including electronic symbols, for use in railway signalling circuits and diagrams.	1990	RDSO	Live
Indian Railway Standard Specification for Welding Material for Track Circuit Applications to Make Reliable and Permanent Electrical Bond Connection	IRS:S 103-2004	Requirements and acceptance criteria for weld material, bonds or track lead wires and tool kit for permanent electrical bond connections in track circuits.	2004	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Specification for Double Wire Signalling Ropes 6x19 (with Corrigenda)	IRS:S 11-62 (1962)	Indian Railway Standard specification for double wire signalling ropes of 6x19 construction, with corrigenda of 1971 and 1973.	1962	RDSO	Live
Specification for Double Wire Interlocking Frame (Reprint Feb 1986)	IRS:S 12-62 (02.1986)	Indian Railway Standard specification for the double wire interlocking frame, reprinted incorporating Corrigendum No. 1.	1986-02	RDSO	Live
Specification for 4 mm Signal Wire for Double Wire Signalling	IRS:S 13-62 (1962)	Indian Railway Standard specification for 4 mm signal wire used in double wire signalling.	1962	RDSO	Live
Specification for 5 mm Point Wire for Double Wire Signalling	IRS:S 14-62 Rev 2 (1962)	Indian Railway Standard specification for 5 mm point wire used in double wire signalling.	1962	RDSO	Live
Specification for Double Wire Compensators	IRS:S 15-65 Rev 2 (1965)	Indian Railway Standard specification giving technical requirements of double wire compensators.	1965	RDSO	Live
Specification for D.C. IRS Post Type Electric Signal Reverser	IRS:S 19/2000 Rev 2.0	Indian Railway Standard specification for D.C. IRS post type electric signal reverser.	2000	RDSO	Live
Specification for Electric Key Transmitter, Rotary Type	IRS:S 21/2001 Rev 1.0	Indian Railway Standard specification for rotary type electric key transmitter.	2001	RDSO	Live
Specification for Electrical and Electronic Based Signalling and Interlocking Equipment: Terminology and General Requirements (with Amendment 1)	IRS:S 23 (Part I)-88 (1988)	Part I of the IRS specification for electrical and electronic signalling and interlocking equipment, covering terminology and general requirements.	1988	RDSO	Live
Specification for Electric Signal Machine	IRS:S 25/1997 Rev 1.0	Indian Railway Standard specification for electric signal machine.	1997	RDSO	Live
Specification for Single Wire Interlocking Frame	IRS:S 28-64 Rev 0 (1964)	Indian Railway Standard specification for the single wire interlocking frame.	1964	RDSO	Live
Specification for Double Wire Rotary Detector (Vertical Type)	IRS:S 29-64 Rev 0 (1964)	Indian Railway Standard specification for the double wire rotary detector, vertical type.	1964	RDSO	Live
Specification for Galvanised Steel Wire Rope for Signalling Purposes	IRS:S 3-61 (1961)	Indian Railway Standard specification for galvanised steel wire rope for signalling purposes.	1961	RDSO	Live
Specification for Key Lock E Type	IRS:S 30-64 Rev 0 (1964)	Indian Railway Standard specification for the E type key lock.	1964	RDSO	Live
Specification for Automatic Warning System, AC Inductive Type	IRS:S 38-70 (1970)	Indian Railway Standard specification for the AC inductive type automatic warning system.	1970	RDSO	Live
Specification for Motors for Electric Signal Machine (with Amendment 2)	IRS:S 39/1982 Rev 1.0	Indian Railway Standard specification for motors for electric signal machine.	1982	RDSO	Live
Specification for Insulators for Mechanical Wire Transmission	IRS:S 47-74 (1974)	Indian Railway Standard specification for insulators used in mechanical wire transmission.	1974	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Specification for Inspection and Testing of SM's Control Frame	IRS:S 48-74 Rev 0 (1974)	Indian Railway Standard specification for inspection and testing of the Station Master's control frame.	1974	RDSO	Live
Specification for Point Rodding	IRS:S 5-62 (1962)	Indian Railway Standard specification for solid and tubular point rodding used in operating points.	1962	RDSO	Live
Specification for Tubular Steel Signal Poles	IRS:S 6-81 (1981)	Indian Railway Standard specification for tubular steel signal poles of circular cross section.	1981	RDSO	Live
Specification for Fail-Safe Electronic Time-Delay Device for Railway Signalling	IRS:S 61-2000 Ver 1.0	Specification for fail-safe electronic time-delay device for railway signalling, with amendment history.	2013-02-11	RDSO	Live
Specification for Current Transformer for Lamp Proving	IRS:S 62-92 (1992)	Indian Railway Standard specification for current transformers for lamp proving of H, L and I types in controlled signal territory.	1992	RDSO	Live
Specification for Tag Block (Tentative)	IRS:S 71-87 (1987)	Indian Railway Standard specification for tag blocks.	1987	RDSO	Live
Indian Railway Standard Specification for Terminal Blocks, Fuse Blocks and Colour Light Signal Lamp Holder Units for Signalling Installations	IRS:S 75/2006 Rev 2	Technical specification for terminal blocks, fuse blocks and colour light signal lamp holder units used in signalling installations.	2006-03-01	RDSO	Live
Indian Railway Standard Specification for 120/160/200 Way Tag Blocks for Signalling Installations	IRS:S 77/2006 Rev 1	Technical specification for 120, 160 and 200 way tag blocks used in signalling installations.	2006-01-01	RDSO	Live
Indian Railway Standard Specification for Non Deteriorating Type of Low Voltage Electric Fuses for Railway Signalling	IRS:S 78-92 (1992)	Technical requirements of non-deteriorating type low voltage fuses protecting signalling circuits of nominal voltage up to 110V.	1992	RDSO	Live
Indian Railway Standard Specification for Multiway Isolating Terminal Block, Barrier Type, for Signalling Installations	IRS:S 79-92	Specification for multiway isolating terminal blocks of the barrier type used in signalling installations.		RDSO	Live
Indian Railway Standard Specification for Indicating Type Low Voltage Non-Deteriorating Fuse Links for Signalling Circuits	IRS:S 80-92 (1992)	Technical requirements of indicating type low voltage non-deteriorating fuse links used in railway signalling circuits.	1992	RDSO	Live
Indian Railways Standard Specification for AC Inductive Type Auxiliary Warning System (AWS) for Suburban Section	IRS:S 87-92 (1992)	Specification for the AC inductive type Auxiliary Warning System for suburban sections, with the related allotment of the IRS number.	1992	RDSO	Live
Indian Railway Standard Specification for Glass Fibre Reinforced Nylon-6 Signalling Components	IRS:S 97/2000 Rev 1	Technical specification for glass fibre reinforced Nylon-6 signalling components.	2000	RDSO	Live
Indian Railway Standard Specification for	IRS:S-104/2012 Ver 0	Specification defining the Universal Fail-Safe Block	2012-12-24	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Universal Fail-Safe Block Interface (UFSBI)		Interface.			
Specification for Block Proving by Axle Counter using UFSBI (BPAC), with RDSO Issue Letter	IRS:S-105/2025 Ver 1.0	RDSO letter issuing the revised specification for block proving by axle counter using UFSBI, to the PCSTEs of Indian Railways.	2025	RDSO	Live
Specification for Data Logger System for Railway S&T Installation	IRS:S:99/2026 Rev 1.0	Specification defining the data logger system for railway S&T installations.	2026	RDSO	Live
Standard Interface Protocol for Electronic Systems for Signalling on IR based on EULYNX	RDSO Version 1.0d2	RDSO standard interface protocol for electronic signalling systems based on EULYNX Baseline 3 Release 6, covering telegram structure, connection establishment and messages between TCAS and EI.		RDSO	Live
Functional Requirement Specification for Centralized Traffic Control (CTC)	RDSO/CTC/FRS/2025 Version 2.0	RDSO functional requirement specification for centralized traffic control, version 2.0 incorporating the CTC committee report recommendations.	2025-03-03	RDSO	Live
Functional Requirement Specification for Intimating Station Master of Status of Non-Interlocked Level Crossing Gates	RDSO/FRS/NILC/2026 Version 1.0	RDSO functional requirement specification for a technological solution to tell the Station Master the closed or open status of non-interlocked level crossing gates.	2026-09-10	RDSO	Live
Specification for Miniature, Tractive Armature, AC Immune, DC Biased Track Relay, Plug-in Type (Style QBAT, 9 ohm)	RDSO/SPN/084 Version 2.0 (24.06.2014)	RDSO specification for miniature tractive armature AC immune DC biased plug-in track relay of style QBAT, 9 ohm, for railway signalling.	2014-06-24	RDSO	Live
Specification for Trolley Suppression Equipment/HFTC	RDSO/SPN/141 (1994)	RDSO specification for trolley suppression equipment used with axle counter to detect presence of a vehicle on the track, with general and functional requirements.	1994	RDSO	Live
Safety and Reliability Requirement of Electronic Signalling Equipment	RDSO/SPN/144/2006 Revision 2	RDSO specification defining safety and reliability requirements for electronic signalling equipment, with amendment history of earlier issues.	2006-03-14	RDSO	Live
Specification for Solid State Microprocessor Based Tokenless Block Instrument for Single Line	RDSO/SPN/145 (1995)	RDSO specification covering operating and technical requirements of solid state microprocessor based block instrument for single and double line working.	1995	RDSO	Live
Indian Railways Standard Specification for Audio Frequency Track Circuit	RDSO/SPN/146/2001	RDSO specification for audio frequency track circuit, modulated and bit coded, covering composition and general and technical requirements.	2001	RDSO	Live
Specification for Thermoplastic Polyurethane Insulators for Railway Signalling	RDSO/SPN/168/2005 Revision 2.0	RDSO specification for thermoplastic polyurethane insulators for railway signalling, with tests and performance requirements and packing.	2005-12-01	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railway Standard Specification for Fail-Safe Electronic Flasher Device for Railway Signalling (Draft, Amendment 2)	RDSO/SPN/173/2002	Draft RDSO specification for a fail-safe electronic flasher device giving flashing supply to interlocking panels or driving a 24 V DC neutral relay.	2002	RDSO	Live
Specification for Solid State Block Proving by Axle Counter (Digital) (Tentative)	RDSO/SPN/175/2005 Version 1.0	Tentative RDSO specification for solid state block proving by digital axle counter, covering system configuration, software validation and safety and reliability requirements.	2005-01-15	RDSO	Live
Specification for Multi Section Digital Axle Counter	RDSO/SPN/176/2013 Version 3.0	RDSO specification for multi section digital axle counter, version 3.0 revised to incorporate the 81st SSC recommendations.	2014-03-31	RDSO	Live
Specification for Single Section Digital Axle Counter	RDSO/SPN/177/2012 Version 3.0	RDSO specification for single section digital axle counter, version 3.0, with amendment history of earlier issues.	2012-09-10	RDSO	Live
Train Actuated Warning Device based on Axle Detectors of Digital Axle Counter Technology for Level Crossing Gate	RDSO/SPN/179/2003 Ver 1.0 with Amendment 1	Specification for a train actuated warning device based on digital axle counter axle detectors for level crossing gates.	2003	RDSO	Staged (SECR HQ library)
Specification for Train Protection & Warning System (TPWS)	RDSO/SPN/183/2016 Version 3.0	RDSO specification for the train protection and warning system, version 3.0, with amendment history from the 2004 first issue.	2016-11-18	RDSO	Live
Technical Specification for Domino Type Control Panel for Railway Signalling	RDSO/SPN/186/2004 Revision 2.0	RDSO technical specification and acceptance criteria for domino type control panel for railway signalling, revision 2.	2014-08-15	RDSO	Live
Technical Specification for Modular Terminal Blocks, Fuse Terminal Blocks & Miniature Fuse Links of International Standard for Railway Signalling	RDSO/SPN/189/2004 Version 3.0	RDSO technical specification and acceptance criteria for modular terminal blocks, fuse terminal blocks and miniature fuse links for railway signalling.	2019-01-01	RDSO	Live
Specification for DTMF Based Electronic Block Bell & Block Telephone Equipment (Tentative)	RDSO/SPN/191/2005 Version 0	Tentative RDSO specification for DTMF based electronic block bell and block telephone equipment, including transmission characteristics.	2005-06-01	RDSO	Live
Specification for Fog Pilot Assistance System for Safety (FogPASS)	RDSO/SPN/201/2010 Ver 2.0	Specification for the Fog Pilot Assistance System for Safety (FogPASS), effective 29.09.2016.	2016-09-29	RDSO	Live
Technical Specification for Fuse Auto Changeover System (FACS) for Use in Railway Signalling	RDSO/SPN/209/2012 Ver 2.0	Technical specification for the fuse auto changeover system (FACS) for railway signalling, effective 01.08.2018.	2018-08-01	RDSO	Live
Specification for Failsafe Network Multiplexer (FNmux)	RDSO/SPN/211/2022 Ver 1.0	Specification for the failsafe network multiplexer (FNmux), effective 24.11.2022.	2022-11-24	RDSO	Live
Specification for Advanced Auxiliary	RDSO/SPN/213/2014 Ver 1.0	Draft specification for the advanced auxiliary	2014-11-19	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Warning System (AAWS)	(Draft)	warning system (AAWS), effective 19.11.2014.			
Specification for Automatic Fire Detection and Alarm System for Signalling and Telecom Installations	RDSO/SPN/217/2025 Ver 3.1	Specification for automatic fire detection and alarm system for signalling and telecom installations.	2025	RDSO	Live
Automatic Fire Suppression System for Signalling Installations (Railway Board letter 14.11.2017)	Railway Board / RDSO RDSO/SPN/218 Ver 1.0 (14.11.2017)	Railway Board letter on the specification for automatic fire suppression system for signalling installations.	2017-11-14	Railway Board / RDSO	Live
Specification for Remote Diagnostic and Predictive Maintenance System (RDPMS)	RDSO/SPN/257/2025 Ver 2.0	Specification for the remote diagnostic and predictive maintenance system (RDPMS), effective 31.12.2025.	2025-12-31	RDSO	Live
Draft Specification for Single Line Ball Token/Tablet Token Block Instrument (Tentative)	RDSO/SPN/S-114/91 (1991)	Draft tentative specification covering general requirements of single line Neal's ball token and tablet token block instrument for Indian Railways.	1991	RDSO	Live

Telecom specifications (102)

Title	Doc no.	Subject	Issued	Issuer	Status
Functional Requirement Specification Ver 1.2 for Trial of Rail Fracture and Intrusion Detection System (Distributed Optical Fibre Sensing)	RDSO Specification 09.2017	RDSO Telecom FRS for trial of a rail fracture and intrusion detection system using distributed optical fibre sensing, issued September 2017.	2017-09	RDSO	RDSO intranet - being processed
Specification for Two/Three V.F. Transformers (2T/3T) for Derivation and Termination of Underground Telecom Cable Circuit	IRS/TC/76-2021 Ver 1.0	Indian Railway Standard specification for two and three voice frequency transformers used to derive and terminate underground telecom cable circuits.	2021-04-29	RDSO	Live
Indian Railway Standard Specification	IRS:TC 11-73	Indian Railway Standard specification IRS:TC 11-73 for a telecom item; scanned copy with only the publication notice legible.		RDSO	RDSO intranet - being processed
Specification for Dehydrator System for Microwave Links	IRS:TC 13-74 (1974)	Indian Railway Standard specification for a dehydrator system supplying dry air for microwave links, adopted 1974.	1974	RDSO	RDSO intranet - being processed
Specification for Cable Termination Boxes (Indoor) for Railway Electrified Areas	IRS:TC 18-75 Ver 1.0 (24.03.2021)	Indian Railway Standard specification for indoor cable termination boxes for railway electrified areas, effective 24.03.2021.	2021-03-24	RDSO	RDSO intranet - being processed
Specification for V.F. and Signalling Transformers for Derivation and Termination of Underground	IRS:TC 22-2021 Ver 1.1	Indian Railway Standard specification for V.F. and signalling transformers for underground telecom cable circuits, effective 02-06-2021.	2021-06-02	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Telecommunication Cable Circuits					
Indian Railway Standard Specification	IRS:TC 29-1981	Indian Railway Standard telecom specification IRS:TC 29-1981, adopted 1981; scanned text poorly legible.	1981	RDSO	RDSO intranet - being processed
Specification for Light Weight Unbreakable Engineering Thermoplastic Insulator for Overhead Telegraph and Telephone Lines	IRS:TC 32-2007 Amdt 1	Tentative Indian Railway Standard specification for light weight unbreakable thermoplastic insulators for overhead telegraph and telephone lines.	2007-03-19	RDSO	RDSO intranet - being processed
Specification for Magneto Telephone (Tentative)	IRS:TC 36-1997 Amdt 2	Tentative Indian Railway Standard specification for magneto telephone with amendments 1 and 2.	1997	RDSO	RDSO intranet - being processed
Specification for 2-Wire Way Station Control Telephone	IRS:TC 37/1997 Amdt 2 Corrigendum 1	Indian Railway Standard specification for 2-wire way station control telephone with amendment 2 and corrigendum 1.		RDSO	RDSO intranet - being processed
Code of Practice for the Protection of Radio Relay Stations against Lightning (Tentative)	IRS:TC 39-86 (1986)	Tentative Indian Railway Standard code of practice for protecting radio relay stations against lightning.	1986	RDSO	RDSO intranet - being processed
Specification for PIJF Cable (RDSO Letter STT/PIJF/424)	IRS:TC 41-1997 Amdt 3	RDSO letter to zonal railways forwarding amendment 3 to IRS:TC 41-1997 for PIJF telecom cable.		RDSO	RDSO intranet - being processed
Draft Specification for Transmission Measuring Sets	IRS:TC 43-87	Draft Indian Railway Standard specification for transmission measuring sets; scanned OCR text is poor.		RDSO	RDSO intranet - being processed
Specification for Cross Talk Measuring Sets	IRS:TC 45-88	Indian Railway Standard specification for cross talk measuring sets; scanned OCR text is poor.		RDSO	RDSO intranet - being processed
Indian Railway Standard Specification	IRS:TC 46-88	Indian Railway Standard telecom specification IRS:TC 46-88 on control office equipment; scanned OCR text is poor.		RDSO	RDSO intranet - being processed
Specification for Measuring Equipment Used for Measurement of Cross Talk	IRS:TC 48-90	Indian Railway Standard specification for electronic measuring equipment used for cross talk measurement; scanned OCR text is poor.		RDSO	RDSO intranet - being processed
Draft Specification for Polystyrene Condensers (Tentative)	IRS:TC 49-1993	Draft Indian Railway Standard specification for polystyrene condensers, issued under serial TC 49-93.		RDSO	RDSO intranet - being processed
Specification for Four Wire Voice Frequency Repeater Station Equipment	IRS:TC 50-90	Indian Railway Standard specification for four wire voice frequency repeater station equipment used in		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Used in AC Electrified Area		AC electrified areas.			processed
Specification for Automatic Radio Patching System for Control Circuit Using DTMF Signalling in Optic Fibre Communication	IRS:TC 59-93	Tentative Indian Railway Standard specification for automatic radio patching system for control circuits using DTMF signalling over optic fibre.		RDSO	RDSO intranet - being processed
Indian Railway Standard Specification for Emergency Control Room Equipment	IRS:TC 61-93 (Tentative) (1993)	Tentative Indian Railway Standard specification for emergency control room equipment allowing communication from an emergency socket to the Traction Power Controller in 25 kV AC areas.	1993	RDSO	Live
Specification for (34+2) Mbit/s 7 GHz Digital Microwave Equipment (Tentative)	IRS:TC 66-1994	Tentative Indian Railway Standard specification for point to point 7 GHz digital microwave radio relay equipment.	1994	RDSO	RDSO intranet - being processed
Specification for 3 m Dia 7 GHz Microwave Antenna (Tentative)	IRS:TC 67-1994	Tentative Indian Railway Standard specification for 3 m diameter microwave antenna used in line-of-sight links.	1994	RDSO	RDSO intranet - being processed
Specification for Electrodynamic Transducer (Tentative)	IRS:TC 74-1997	Tentative Indian Railway Standard specification for electrodynamic transducer.	1997	RDSO	RDSO intranet - being processed
Specification for Desk Type Electronic Magneto Telephone	IRS:TC 80-2000 Amdt 3	Indian Railway Standard specification for desk type electronic magneto telephone with amendment 3.		RDSO	RDSO intranet - being processed
Specification for Universal Way Side DTMF Control Telephone (Tentative)	IRS:TC 82-2005 Amdt 3	Tentative Indian Railway Standard specification for universal way side DTMF control telephone, effective 10.05.2005.	2005-05-10	RDSO	RDSO intranet - being processed
Specification for Auto Dialling System for Emergency Socket	IRS:TC 83-2020 Ver 1.1	Indian Railway Standard specification for auto dialling system for emergency socket, effective 01.07.2024.	2024-07-01	RDSO	RDSO intranet - being processed
Specification for 4 Wire Way Station Control Telephone	IRS:TC-38/97 Amdt 2 (1997)	Indian Railway Standard specification covering construction, electrical characteristics and tests of 4 wire way station control telephones.	1997	RDSO	Live
Specification for 4 Wire/2 Wire Train Traffic Control Equipment with DTMF Signalling	IRS:TC-60/2007 Amdt 1	Indian Railway Standard specification for train traffic control equipment using dual tone multi frequency signalling on 4 wire and 2 wire circuits.	2007-09-01	RDSO	Live
Specification for 4 Wire/2 Wire Portable Control Telephone	IRS:TC-75-99 Amdt 4 (1999)	Indian Railway Standard specification for portable control telephone used on 4 wire basis in 25 kV AC electrified areas and 2 wire basis elsewhere.	1999	RDSO	Live
Specification for Light Weight Portable	IRS:TC-78/2020 Ver 1.1	Indian Railways Standard specification for a light	2022-06-06	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Control Telephone (4-Wire / 2-Wire)		weight portable control telephone, effective from 06.06.2022.			
Specification for Six Pin Emergency Plug and Socket	IRS:TC:42/2020 Version 1.1	RDSO specification for six pin emergency plug and socket, version 1.1.	2024-03-12	RDSO	Live
Specification for Primary Digital Multiplexing Equipment	IRS:TC:68/2012 Rev 0 Amdt 1	Indian Railways standard specification for primary digital multiplexing equipment.	2012-04-11	RDSO	Live
Specification for Power Supply Unit (PSU) for Telecom Installations at Way Side Stations in 25 kV Electrified Areas	IRS:TC:72-1997 Amdt 1	Indian Railways standard specification for power supply units for telecom installations at wayside stations in 25 kV electrified areas.	1997	RDSO	Live
Specification for Desk Type Electronic Magneto Telephone	IRS:TC:79-2000 Amdt 4	Indian Railways standard specification (tentative) for desk type electronic magneto telephone.	2000	RDSO	Live
Specification for Elephant Intrusion Detection System for Indian Railways (Distributed Acoustic Optical Fibre Sensing)	IS/RDSO-TC/0002-2024 Ver 1.0	RDSO specification for an elephant intrusion detection system using distributed acoustic optical fibre sensing, effective from 24-10-2024.	2024-10-24	RDSO	RDSO intranet - being processed
Specification for Master Clock System for Indian Railways	IS/RDSO-TC/0003:2026 Ver 1.0	RDSO specification for a master clock system for Indian Railways, effective from 12.05.2026.	2026-05-12	RDSO	RDSO intranet - being processed
BASE(1) Telecom Cable Termination Box (Non Metallic) for Indoor Use	RDSO Drawing TC 4340	RDSO drawing of non-metallic indoor telecom cable termination box for telecom cables, power cables, SPDs and fuses, with dimensions and material notes.		RDSO	Live
Specification for Voice Data Logger/Monitor for Control Circuits	RDSO/SPN/TC/038-2002 Version 2.0	RDSO specification for voice data logger and monitor for control circuits, with amendment history.	2021-05-01	RDSO	Live
Draft Quality Manual for Telecom Transmission Equipment	RDSO/SPN/TC/048/2003 Rev 0	Draft quality manual covering good manufacturing practices for telecom transmission equipment used on Indian Railways.		RDSO	RDSO intranet - being processed
Specification of Video Conferencing System	RDSO/SPN/TC/100/2020 Rev 1.0	RDSO specification of technical requirements for video conferencing systems at Railway Board, zonal HQ and other important establishments.	2020-12-07	RDSO	Live
Draft Specification of SMPS Based Telecom Integrated Power Supply System for Station	RDSO/SPN/TC/102-2013 Amdt 1	Draft specification of SMPS based telecom integrated power supply system for station, effective 01.01.2015.	2015-01-01	RDSO	RDSO intranet - being processed
Specification for Managed Media Converter, with covering letter	RDSO/SPN/TC/103/2013 Rev 3.0	RDSO letter issuing revised specification Rev 3.0 for the managed media converter (Ethernet/E1 to optical), enforced from 13.04.2026, with the specification.		RDSO	Live
Specification for On-Board Wireless	RDSO/SPN/TC/104/2014 Ver 0.0	RDSO specification for on-board wireless public	2015-06-01	RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Public Address (PA) System for Passenger Trains		address system for passenger trains, effective 1-6-2015.			being processed
Specification for VHF based Approaching Train Warning System for Track Maintainers	RDSO/SPN/TC/105-2015 Ver 2.1	RDSO specification for a VHF based approaching train warning system for track maintainers.	2022-05-18	RDSO	Live
Specification for IP Based Video Surveillance System for Rolling Stock of Indian Railways	RDSO/SPN/TC/106/2026 Ver 4.0	RDSO specification for IP based video surveillance system for rolling stock, effective 13.10.2026.	2026-10-13	RDSO	RDSO intranet - being processed - newer version
↳ Specification for IP Based Video Surveillance System for Rolling Stock of Indian Railways	RDSO/SPN/TC/106/2025 Version 3.1	RDSO specification for IP based video surveillance system for rolling stock of Indian Railways.	2025-06-04	RDSO	Live *Older version (reference). Latest: RDSO/SPN/TC/106/2026 Ver 4.0 - Specification for IP Based Video Surveillance System for Rolling Stoc*
Specification for VHF Sets to be used on Indian Railways	RDSO/SPN/TC/107-2018 Ver 2.1	RDSO specification for VHF sets used on Indian Railways, covering technical parameters, batteries, chargers and tests.	2023-08-21	RDSO	Live
Specification for IP based Passenger Information System (IPIS)	RDSO/SPN/TC/108 Ver 2.0 with Amendment 1	RDSO Telecom specification for IP based passenger information systems, Version 2.0 with Amendment 1.		RDSO	RDSO intranet - being processed - newer version
↳ Specification for IP Based Integrated Passenger Information System (IPIS)	RDSO/SPN/TC/108/2019 Version 1.0	RDSO specification for IP based integrated passenger information system, issued by Director/Tele-I.	2024-03-05	RDSO	Live *Older version (reference). Latest: RDSO/SPN/TC/108 Ver 2.0 with Amendment 1 - Specification for IP based Passenger Information System (*
Specification of Integrated Communication System for Tunnels	RDSO/SPN/TC/109/2023 Ver 1.0	RDSO telecom specification for the integrated communication system for tunnels.	2023-03-29	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Specification of 24/48 Fibre Armoured Optical Fibre Cable	RDSO/SPN/TC/110/2020 Rev 0	RDSO specification for 24 and 48 fibre monomode underground armoured optical fibre cable for Indian Railways telecommunication.	2020-06-23	RDSO	Live
Draft Specification of Digital/ISDN and IP Ready EPABX System and Attendant Console (More than 256 and up to 5000 Ports)	RDSO/SPN/TC/27/2007 Rev 1.0	Draft specification of digital/ISDN and IP ready EPABX system and attendant console for 256 to 5000 ports, effective 15.01.2007.	2007-01-15	RDSO	RDSO intranet - being processed
Specification for Voice Frequency Communication System for Underground Quad Cable	RDSO/SPN/TC/34/2002 Version 4 Amdt 1	RDSO specification for voice frequency communication system on underground quad cable, covering panels, decoder, power supply, intercom and tests.	2006-09-29	RDSO	Live
Draft Specification for Fibre Distribution Management System	RDSO/SPN/TC/37/2020 Rev 4.0	Draft specification for fibre distribution management system, effective 18-06-2020.	2020-06-18	RDSO	RDSO intranet - being processed
Specification for Digital Duplex Mobile Train Radio Communication (Functional Requirements)	RDSO/SPN/TC/42/2001 Rev 1	Functional requirements specification for digital duplex mobile train radio communication, effective 2002.	2002	RDSO	RDSO intranet - being processed
Specification for Emergency Socket Box of FRP Material	RDSO/SPN/TC/44/2002 Ver 3.0	RDSO specification for emergency socket box made of FRP material, with amendment history and inspection and testing requirements.	2021-07-19	RDSO	Live
Specification of Permanently Lubricated HDPE Duct	RDSO/SPN/TC/45/2013 Rev 2.0 Amdt 3	RDSO specification for permanently lubricated HDPE ducts.	2013-04-06	RDSO	Live
Specification for Level Crossing Gate Control and Monitoring Equipment based on Wired and Wireless (VHF) Communication	RDSO/SPN/TC/49/2020 Ver 1.0	RDSO specification for level crossing gate control and monitoring equipment using wired and wireless VHF communication, effective from 31-12-2020.	2020-12-31	RDSO	Live
Composite (Optical and Quad) Underground Armoured Cable	RDSO/SPN/TC/50/2007 Amdt 1	RDSO letter dated 11.03.2010 issuing amendment 1 to specification RDSO/SPN/TC/50/2007 Rev 5 for composite optical and quad underground cable.	2010-03	RDSO	RDSO intranet - being processed
Specification for Electronic LC Gate Telephone System	RDSO/SPN/TC/51-2021 Rev. 2.0	RDSO Telecom Directorate specification for an electronic level crossing gate telephone system.	2021	RDSO	Live
Specification for Accident Site Communication System	RDSO/SPN/TC/55/2011 Rev 2 Amdt 1	RDSO specification for a communication system at accident sites to carry voice, data and video to the control office.	2011-11-09	RDSO	Live
Composite Cable	RDSO/SPN/TC/56/2007 Amdt 1.1	RDSO letter to General Managers S&T of zonal railways issuing an amendment to specification RDSO/SPN/TC/56/2007 for composite cable.		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Draft Specification for Thermoshrink Jointing Kits for Jointing Underground PIJF Cable	RDSO/SPN/TC/57/2015 Rev 1 Amdt 1	Draft specification for thermoshrink jointing kits for underground PIJF cable, effective 16.04.2015.	2015-04-16	RDSO	RDSO intranet - being processed
Draft Specification for VoIP Based Communication System	RDSO/SPN/TC/58/2006 Rev 0	Draft specification for VoIP based communication system, effective 17.07.06.	2006-07-17	RDSO	RDSO intranet - being processed *Same document also found in: RDSO downloads (merged, see DUPLICATES.tsv)*
Specification for Integrated Passenger Information System (IPIS)	RDSO/SPN/TC/61/2015 Rev 4 Amdt 1 and 2	RDSO specification for integrated passenger information system with train information display boards, coach guidance display boards and PC based announcement, effective 31-12-2015.	2015-12-31	RDSO	RDSO intranet - being processed
Specification for Digital Clock with GPS Synchronization	RDSO/SPN/TC/62/2008 Rev 4.1	RDSO specification for digital clocks synchronised with GPS.	2024-06-24	RDSO	Live
Specification for Public Address (PA) System	RDSO/SPN/TC/63/2006 Ver 1	RDSO specification for public address system, version 1 effective 08.12.2020.	2020-12-08	RDSO	RDSO intranet - being processed
Specification for Display and Public Announcement System in the Coaches of Trains	RDSO/SPN/TC/64/2006 Rev 0	RDSO specification for display and public announcement system in train coaches, effective 24.10.2006.	2006-10-24	RDSO	RDSO intranet - being processed
Specification for IP Based Video Surveillance System	RDSO/SPN/TC/65/2021 Version 6 with Amendments 1, 2 and 3	RDSO specification for IP based video surveillance system (CCTV), version 6 incorporating amendments 1, 2 and 3.	2024-10-23	RDSO	Live
Specification for Control Communication Equipments for OFC using 2-Wire Telephones (CCEO)	RDSO/SPN/TC/66/2007 Ver 1.0	RDSO specification for control communication equipment for optical fibre systems using 2-wire telephones.	2021-06-22	RDSO	Live
Specification for True Colour Video-cum-Train Information Display System	RDSO/SPN/TC/67/2013 Rev 3.0	RDSO specification for true colour video-cum-train information display system, effective 07/02/2013.	2013-02-07	RDSO	RDSO intranet - being processed
Specification of Joint Enclosure for Armoured Optical Fibre Cable	RDSO/SPN/TC/68/2025 Rev 2.0	RDSO telecom specification for joint enclosures for armoured optical fibre cable.	2026-02-01	RDSO	Live
Draft Specification of Patch Cord and Pig Tails	RDSO/SPN/TC/69/2007 Rev 0.0	RDSO draft specification for optical patch cords and pig tails.	2007	RDSO	Live
Draft Specification for Integrated Waystation Control Communication	RDSO/SPN/TC/70/2007 Amdt 1	Draft specification for integrated waystation control communication equipment based on		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Equipment (IWCCE)		recommendation of the 34th TCSC.			processed
Letter Issuing Amendment	RDSO/SPN/TC/71/2008 Amdt 1	RDSO letter to Railway Board and General Managers S&T issuing amendment 1 to specification RDSO/SPN/TC/71/2008.		RDSO	RDSO intranet - being processed
Specification for VHF Based Secured Station Communication Equipment (SSCE)	RDSO/SPN/TC/73/2008 Ver 1.0	RDSO technical specification for VHF based secured station communication equipment, covering functional and technical requirements, tests, manufacture and packing.	2021-01-05	RDSO	Live
Specification for Analog Clock System with GPS Synchronization	RDSO/SPN/TC/76/2021 Ver 1.0	RDSO specification for analog clock system with GPS synchronization, effective 22-07-2021.	2021-07-22	RDSO	RDSO intranet - being processed
Draft Specification of Real-Time Train Information System	RDSO/SPN/TC/77/2011 Ver 1.0 Amdt 2	Draft specification of real-time train information system, effective 07.02.2012.	2012-02-07	RDSO	RDSO intranet - being processed
Specification of Public Address System for Passenger Trains	RDSO/SPN/TC/78/2008 Rev 0	RDSO specification of public address system for passenger trains, effective 07.07.2008.	2008-07-07	RDSO	RDSO intranet - being processed
Specification of Digital Modem (nX64Kbps) upto 2 Mbps (Line Driver)	RDSO/SPN/TC/80/2020 Rev 2.0	RDSO specification for digital modem nX64 kbps up to 2 Mbps (line driver).	2020-10-20	RDSO	Live
Draft Specification of 64/128 Kbps Digital Modem (Line Driver)	RDSO/SPN/TC/81/2013 Rev 1 Amdt 1	Draft specification of 64/128 Kbps digital modem (line driver), effective 07.03.2013.	2013-03-07	RDSO	RDSO intranet - being processed
Specification of LAN Extender	RDSO/SPN/TC/82/2020 Rev. 2.0	RDSO Telecom Directorate specification for a LAN extender, effective from 23.10.2020.	2020-10-23	RDSO	RDSO intranet - being processed
Specification of LAN Switch	RDSO/SPN/TC/83/2020 Rev. 2.1	RDSO specification for LAN switches, Revision 2.1.		RDSO	Live
Draft Specification of Router	RDSO/SPN/TC/84/2008 Rev 0.0	RDSO telecom directorate draft specification for routers.	2008-08-28	RDSO	Live
Specification for Suitcase Type Portable Auto-Acquiring VSAT Terminal	RDSO/SPN/TC/85/2010 Rev 2 Amdt 2	RDSO specification for a suitcase type portable auto-acquiring VSAT terminal, revision 2 with amendment 2.	2010-08-25	RDSO	Live
Draft Specification for Portable VSAT Terminal	RDSO/SPN/TC/86/2008 Rev 0 Amdt 1	RDSO draft specification for a portable VSAT terminal.	2008-09-16	RDSO	Live
Specification for Fixed VSAT Terminal	RDSO/SPN/TC/87/2021 Rev 1.0	RDSO specification covering general, operational, technical, performance, type test and acceptance test requirements of fixed type VSAT terminal for Indian Railways.	2021-06-16	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Specification of Mobile Train Radio Communication System (GSM-R)	RDSO/SPN/TC/88/2021 Ver 2.0	RDSO functional and system requirements specification for the Mobile Train Radio Communication System (GSM-R).	2021-01-14	RDSO	Live
Draft Specification for IP-DSLAM and ADSL Modem	RDSO/SPN/TC/89/2008 Amdt 2	Draft specification for IP-DSLAM and ADSL modem, effective 11.11.2008.	2008-11-11	RDSO	RDSO intranet - being processed
Specification of Centralized Mailing System for Indian Railways	RDSO/SPN/TC/90/2010 Rev 2.0	RDSO specification of centralized mailing system for Indian Railways, effective 08.07.2010.	2010-07-08	RDSO	RDSO intranet - being processed
Draft Specification for Point to Point Wireless System	RDSO/SPN/TC/91/2012 Revision 1.0 Amdt 1	RDSO draft specification for a point to point wireless system, revision 1.0, effective 30.11.2012.	2012-11-30	RDSO	Staged (SECR HQ library)
Draft Specification for 80-Channel DWDM Equipment with Channel Bit Rate up to 10 Gbps	RDSO/SPN/TC/92/2009 Rev 0 Amdt 1	Draft specification for 80-channel DWDM equipment with channel bit rate up to 10 Gbps, effective 04.06.2009.	2009-06-04	RDSO	RDSO intranet - being processed
Specification of Access Control System	RDSO/SPN/TC/93/2010 Rev 0.0	RDSO specification of technical requirements for access control systems at railway stations and other establishments.	2010-01-25	RDSO	Live
Specification of Personal and Baggage Screening System	RDSO/SPN/TC/94/2010 Rev 1	RDSO specification of personal and baggage screening system, effective 18.06.2010.	2010-06-18	RDSO	RDSO intranet - being processed
Specification of Explosive Detection and Disposal System	RDSO/SPN/TC/95/2010 Rev 0	RDSO specification of explosive detection and disposal system, effective 01.02.2010.	2010-02-01	RDSO	RDSO intranet - being processed
Specification for Broadband Internet on Running Trains through Two-Way Satellite Communication	RDSO/SPN/TC/96/2010 Ver 3.0	RDSO specification for broadband internet on running trains through two-way satellite communication, effective 17.11.2020.	2020-11-17	RDSO	RDSO intranet - being processed
Specification for Surge Protective Devices for Telecommunication Equipments	RDSO/SPN/TC/98/2011 Rev 0 Amdt 1	RDSO specification for surge protective devices for telecommunication equipment.	2011-11-28	RDSO	Live
Specification for VoIP based Train Control Communication System	RDSO/SPN/TC/99/2023 Ver 3.0	RDSO specification for a VoIP based train control communication system, effective from 10.11.2023.	2023-11-10	RDSO	Live
Draft Specification of SMPS Based Power Plant for Indian Railway Telecom Equipment	RDSO/SPN/TL/23/99 Version 4.0 Amendment 1 (10.12.2008)	Draft RDSO specification for SMPS based power plants for Indian Railway telecom equipment.	2008-12-10	RDSO	Live
Specification for Telecom Cable Termination Box (Non-Metallic) for Indoor Use, Rev. 1	RDSO Specification	RDSO Telecom Directorate specification for a non-metallic telecom cable termination box for indoor use, Revision 1.		RDSO	Live
Schedule of Technical Requirement (STR)	RDSO TCQ-0160 Version 1.2	RDSO schedule of technical requirements for 4 wire	2024-01-23	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
for 4 Wire/2 Wire Portable Control Telephone and Light Weight Portable Control Telephone		and 2 wire portable control telephones and light weight portable control telephones.			
Schedule of Technical Requirements for Universal Way Side DTMF Control Telephone (IRS/TC/82/2005)	RDSO TCQ0037 Rev 2	RDSO schedule of technical requirements covering plant, test equipment and quality assurance for vendors manufacturing universal way side DTMF control telephones.	2021-07-15	RDSO	Live

Power supply & IPS (30)

Title	Doc no.	Subject	Issued	Issuer	Status
Amara Raja Power Systems	Amara Raja Power Systems Ltd Integrated Power Supply (IPS) Manual to RDSO/SPN/165/2012 Ver 3.0	Amara Raja Power Systems manual for its integrated power supply to RDSO/SPN/165/2012 Ver 3.0, with amendment record and abbreviations.		Amara Raja Power Systems Ltd	Live
Compendium of Guidelines for Quality & Reliability in Integrated Power Supply (IPS) Installations	RDSO Report SS/169/2024	RDSO compendium of the SMPS-based IPS specification and related instructions for quality and reliability of signalling installations.	2024-05-16	RDSO	Live
Guidelines for Reliability Improvement of Integrated Power Supply - STS/E/IPS/Genl.	RDSO Guidelines 07.07.2010	RDSO letter with guidelines for reliability improvement of integrated power supply systems.	2010-07-07	RDSO	Live
Ferro Resonant Voltage Regulator	IRS S 74-89 with Amendment 6	Indian Railway Standard S 74-89 with amendment 6, covering meters and front panel requirements of a voltage regulator.		RDSO	Staged (SECR HQ library)
Battery and Battery Charger (MFVR)	IRS S 93-96 with Amendment 1	Indian Railway Standard specification S 93-96 for battery and battery charger, with amendment 1; scanned, text not available.		RDSO	Staged (SECR HQ library)
Track Feed Battery Charger (TFBC)	IRS S-29/2025 Ver 2.0	RDSO letter and specification IRS S-29 version 2.0 for the track feed battery charger.	2025	RDSO	Staged (SECR HQ library)
Specification for Colour Light Signal Transformer (with Amendment 2)	IRS:S 59-77 (1977)	Indian Railway Standard specification for colour light signal transformers.	1977	RDSO	Live
↳ Specification for Colour Light Signal Transformer (Tentative)	IRS S 59-77 with Amendment 1 (1977)	Indian Railways Standard specification for colour light signal transformer, adopted 1977, with amendment 1.	1977	RDSO	Staged (SECR HQ library) *Older version (reference). Latest: IRS:S 59-77 - Specification for Colour Light*

Title	Doc no.	Subject	Issued	Issuer	Status
					Signal Transformer (with Amendment 2)
Specification for Transformer 230/110 V, 1 kVA to 5 kVA, for Signalling Purposes (with Amendment 2)	IRS:S 72-88 (1988)	Indian Railway Standard specification for 230/110 V transformers of 1 to 5 kVA for signalling.	1988	RDSO	Live
Indian Railway Standard Specification for Ferro-Resonant Type Automatic AC Voltage Regulator for Railway Signalling Installations	IRS:S 74/89 (1989)	Requirements and tests for ferro-resonant type automatic AC voltage regulators used in railway signalling installations, including Amendments 1 to 6.	1989	RDSO	Live
Indian Railway Standard Specification for Inverter for Railway Signalling Installations for On Line Applications	IRS:S 82-92 (1992)	Requirements and tests for inverters used on-line in railway signalling installations, with amendments.	1992	RDSO	Live
Indian Railways Standard Specification for Indication Supply Transformer (Step Down) for Railway S&T Installations	IRS:S 83-92 (1992)	Requirements of 250VA and 500VA step-down transformers supplying power to indication lamps in signalling installations.	1992	RDSO	Live
Indian Railways Standard Specification for Solar Photovoltaic Module	IRS:S 84/92 (1992)	General and technical requirements and tests for solar photovoltaic modules used in railway S&T installations, with amendments.	1992	RDSO	Live
Indian Railway Standard Specification for Dual Bank Charger with Twin Bank Low Maintenance Lead Acid Batteries for Use on Block Line Circuit	IRS:S 85/92 (1992)	Requirements for an interlocked twin bank battery charger with two sets of low maintenance lead acid batteries for block line circuits.	1992	RDSO	Live
Indian Railway Standard Specification for Battery Chargers for Railway S&T Installations	IRS:S 86-2000	Requirements and tests for battery chargers used in railway S&T installations, with Amendment 4.	2000	RDSO	Live
Draft Specification for Low Maintenance Lead Acid Stationary Secondary Cells for S&T Installations	IRS:S 88/2004 Ver 1.0	Draft specification for low maintenance lead acid stationary secondary cells used in S&T installations, including sampling for acceptance tests.	2004-11-02	RDSO	Live
Indian Railway Standard Specification for Transformer-Rectifier Set	IRS:S 91-93 (1993)	Technical requirements of transformer-rectifier sets for railway signalling installations where reliable AC supply is available, with Amendment 1.	1993	RDSO	Live
Indian Railway Standard Specification for Valve Regulated (Sealed) Lead Acid Stationary Battery and Charger for Railway S&T Installations	IRS:S 93/96 (1996)	Rated capacity, performance requirements and tests for VRLA batteries up to 500AH and their chargers, with Amendment 1.	1996	RDSO	Live
Indian Railway Standard Specification for	IRS:S 95-96 (1996)	Requirements, dimensions, performance and tests	1996	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
SITEL Primary Cells (Dry, Leclanche Type) for Railway S&T Installations		for 1.5V Leclanche type dry round primary cells for signalling and telecom use, with Amendment 1.			
Indian Railway Standard Specification for DC-DC Converter for Railway S&T Installations	IRS:S 96-2000	Requirements and tests for DC-DC converters used in railway signalling installations.	2000	RDSO	Live
Specification for Track Feed Battery Charger (TFBC)	IRS:S-89/2025 Ver 2.0	Specification of the track feed battery charger for railway signalling.	2025	RDSO	Live
Modbus Register Mapping of IPS for RDPMS - Remote Monitoring Protocol (Annexure-I)	Unnumbered	Annexure on Modbus RTU register mapping so that IPS parameters can be integrated with the RDPMS system.			Live
Comprehensive Instructions for Improving Reliability of IPS (STS/E/IPS/Genl)	RDSO Letter 13.06.2008	RDSO letter to zonal railways with comprehensive guidelines for improving the reliability of integrated power supply installations.	2008-06-13	RDSO	Live
Specification for Uninterrupted Power Supply (UPS) for Signalling Installations	RDSO/SPN/0258/2025 Ver 1.0	RDSO specification for UPS for signalling installations, effective from 09.10.2026.	2026-10-09	RDSO	RDSO intranet - being processed
Specification for SMPS Based Integrated Power Supply (IPS)	RDSO/SPN/165/2023 Version 4.0 with Amendment 1	RDSO specification for SMPS based integrated power supply for railway signalling, version 4.0 with amendment 1.	2024-06-20	RDSO	Live
Specification of Solar Charge Controller Unit for Use in S&T Applications on Indian Railways	RDSO/SPN/187/2004 Version 0 with Amendment 1	RDSO specification of solar charge controller unit for S&T applications, with amendment 1 issued 28.02.2006.	2006-02-28	RDSO	Live
Specification for Diesel Generating Sets for Use in S&T Installations	RDSO/SPN/193/2005 Version 0	RDSO specification for diesel generating sets for use in S&T installations.	2005	RDSO	Staged (SECR HQ library)
Power Supply Arrangement for Level Crossing Gate, Intermediate Block Working and Intermediate Relay Hut	RDSO/SPN/215/2018 Ver 2.0	Specification for power supply arrangement for level crossing gate, intermediate block working and intermediate relay hut, issued 11.05.2018.	2018-05-11	RDSO	Live
Installation, Commissioning and Servicing Manual for 48V SMPS Based Power Plant (RDSO/SPN/TL/23/99 Ver 4.0)	Statcon Electronics Doc No. S-MAN-SEIL-208-18 Rev 1	Statcon installation, commissioning and servicing manual for a 48V, 50A SMPS based power plant made to RDSO/SPN/TL/23/99 version 4.0.		Statcon Electronics India Ltd	Live
STS/E/IPS/Genl.	RDSO Upgradation of IPS as per Earlier Specification (letter dated 10.06.2011)	RDSO letter of 10.06.2011 to zonal railways on upgradation of integrated power supply systems as per the earlier specification.	2011-06-10	RDSO	Live

Cables (11)

Title	Doc no.	Subject	Issued	Issuer	Status
Specification for Thermoshrink Jointing Kit for Jointing Underground Quad Cable	IRS: TC 77-2012 Rev. 3	Indian Railways Standard specification for thermoshrink jointing kits for underground quad cable, effective from 01.11.2012.	2012-11-01	RDSO	Live
Specification for PVC Insulated Aluminium Screened Cables for Railway Signalling	IRS:S 35-93 (1993)	Indian Railway Standard specification for PVC insulated aluminium screened signalling cables for use in 25 kV AC traction areas.	1993	RDSO	Live
Specification for PVC Insulated Underground Unscreened Cable for Railway Signalling	IRS:S 63-2014 Rev 4.0	Indian Railway Standard specification for PVC insulated underground unscreened cable for railway signalling.	2014-07-30	RDSO	Live
Indian Railway Standard Specification for PVC Insulated Cables and Wires for Indoor Railway Signalling	IRS:S 76-89 (1989)	Requirements and tests for single and multicore copper conductor PVC insulated indoor railway signalling cables and wires.	1989	RDSO	Live
Specification for 24 Fibre Armoured Optical Fibre Cable (Tentative)	IRS:TC 55-2006 Rev. 1.0	Indian Railways Standard specification for 24 fibre armoured optical fibre cable, effective from 01-05-2006.	2006-05-01	RDSO	Live
Specification for Underground Railway Jelly Filled Telecom Quad Cables for Signalling & Telecom Installations	IRS:TC:30 Ver 1 Amdt 5 (01.01.2006)	Indian Railways standard specification for underground jelly filled telecom quad cables.	2006-01-01	RDSO	Live
Draft Specification for Polythene Insulated, Multipair, Jelly Filled, Unscreened Armoured Underground 1 sq.mm Railway Signalling Cable	RDSO/SPN/190/2005	Tentative RDSO specification covering manufacture, testing and technical provisions of 1 sq.mm polythene insulated jelly filled armoured underground signalling cable.	2005-01-20	RDSO	Live
Specification for Double Walled Corrugated HDPE Ducts for Railway Signalling	RDSO/SPN/204/2011 Ver 1.1 with Amendment 1	Specification for double walled corrugated HDPE ducts for railway signalling, effective 04.02.2014.	2014-02-04	RDSO	Live
Draft Specification for Silicone Gel based Cable Jointing Kit	RDSO/SPN/TC/101/2012 Rev 0	RDSO draft specification for silicone gel based cable jointing kits.	2013-03-19	RDSO	Live
Specification for 1.4 mm dia Copper Conductor 4/6 Quad Cable	RDSO/SPN/TC/72/07 Rev. 0 (04.10.2007)	RDSO specification for 1.4 mm diameter copper conductor 4/6 quad cable, effective from 04.10.2007.	2007-10-04	RDSO	Live
STR for Thermoshrink Cable Jointing Kits for Quad Cable - Testing and Measuring Equipment Required	Unnumbered	List of testing and measuring equipment required for thermoshrink cable jointing kits.			Live

LED signals & lamps (11)

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railways Standard Specification for Electric Lamp Filament Switching Unit for Colour Light Signals	IRS:S 100/2002	General requirements of the electric lamp filament switching unit for triple pole lamps used in colour light signals.	2002	RDSO	Live
Specification for Signal and Point Indicator Lamps	IRS:S 27-64 Rev 0 (1964)	Indian Railway Standard specification for signal and point indicator lamps.	1964	RDSO	Live
Specification for Electric Lamps for Railway Signalling	IRS:S 57/2005 Rev 4.0	Indian Railway Standard specification for electric lamps for railway signalling.	2005-03-01	RDSO	Live
Specification for Roundels and Lenses (with Amendments 1 to 4)	IRS:S 7/1992 Rev 7.0	Indian Railways Standard specification for roundels and lenses, with amendments 1, 2, 3 and 4 incorporated.	1992	RDSO	Live
Specification for Signal Lamp Burner	IRS:S 8-62 Rev 5 (1962)	Technical specification for signal lamp burner.	1962	RDSO	Live
Technical Specification for LED Signal Lighting Units for Subsidiary Colour Light Signals (Route, Calling-on, Shunt and Tunnel Signals)	RDSO/SPN/153/2023 Revision 5.0	RDSO technical specification and inspection criteria for LED signal lighting units for subsidiary colour light signals, effective 01.04.2023.	2023-04-01	RDSO	Live
Specification of LED Lit Semaphore Signal Lamp (Tentative)	RDSO/SPN/169/2001	Tentative RDSO specification for LED lit semaphore signal lamps for fitment in existing posts for lower and upper quadrant signals in non-RE areas.	2001	RDSO	Live
Technical Specification for Non-Metallic Colour Light Signal Housings of Various Types for Railway Signalling	RDSO/SPN/194/2006 Rev 2.0	Technical specification for non-metallic colour light signal housings of various types for railway signalling, effective 01.09.2014.	2014-09-01	RDSO	Live
Technical Specification for Battery Operated LED Based Torch Light cum Flashing Hand Signal Lamp	RDSO/SPN/195/2019 Ver 3.0	Technical specification for battery operated LED based torch light cum flashing hand signal lamp, effective 01-01-2020.	2020-01-01	RDSO	Live
Technical Specification for LED Signal Lamps for Main Colour Light Signals (Integrated)	RDSO/SPN/199/2025 Rev 1.2 with Amendment 1	Technical specification for integrated LED signal lamps for main colour light signals, revision 1.2 with amendment, effective 15/07/2025.	2025-07-15	RDSO	Live
Technical Specification for Battery Operated LED Based Flashing Tail Lamp for Railway Vehicles	RDSO/SPN/200/2010 Rev 2.0	Technical specification for battery operated LED based flashing tail lamp for railway vehicles, effective 01.07.2013.	2013-07-01	RDSO	Live

Other RDSO specifications & reports (15)

Title	Doc no.	Subject	Issued	Issuer	Status
Guidelines for Issuing Competency	RDSO Specification 06.10.2010	RDSO letter to firms on issuing competency	2010-10-06	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Certificate for Welding Technicians - STS/E/Exothermic Weld		certificates for exothermic welding technicians.			
Scheme for Linking Data Logger with COA - STS/E/Data logger	RDSO Specification 17.11.2011	RDSO letter on the scheme for linking data logger with COA, addressed to CRIS among others.	2011-11-17	RDSO	Live
Signal Laboratory - Test Facilities and Expertise Overview	RDSO Specification	Overview of the Signal Laboratory of the RDSO Signal and Telecommunication Directorate and its test facilities.		RDSO	RDSO intranet - being processed
Indian Railway Standard Specification for FRP Material for Signalling Equipments	RDSO/SPN/151 (1997)	RDSO specification covering technical requirements of FRP material for signalling equipment, including resin system, glass fibre content and surface requirements.	1997	RDSO	Live
Technical Specification for Non Corrosive NFTC Apparatus Case for Railway Signalling (Tentative)	RDSO/SPN/184/2004 Version 1.0	Tentative RDSO technical specification for non corrosive natural fibre thermoset composite apparatus case for railway signalling.	2004-07-01	RDSO	Live
Report on IP Based Datalogger Networking Scheme in Central Railway	RDSO Report No. SS-153/2019	RDSO report on the IP based datalogger networking scheme under trial on Central Railway, comparing it with the conventional scheme.	2019-08	RDSO	Live
Report on GSM-R Network Plan Covering A, B and C Routes of Indian Railways	RDSO Report No. STT-34 (07.2006)	RDSO Telecom report of July 2006 on the GSM-R network plan for A, B and C routes of Indian Railways.	2006-07	RDSO	RDSO intranet - being processed
VoIP Based Train Control Communication System (Proof of Concept Demonstration in RDSO)	RDSO Report No. STT-40 (04.2011)	RDSO Telecom report of April 2011 on a proof of concept demonstration of VoIP based train control communication system.	2011-04	RDSO	RDSO intranet - being processed
Asterisk Based PBX and Guidelines for its Implementation over Indian Railway	RDSO Report No. STT-43 (01.2012)	RDSO Telecom report of January 2012 prepared on Railway Board direction on Asterisk based PBX and implementation guidelines.	2012-01	RDSO	RDSO intranet - being processed
Thermoshrink Jointing Kit for Quad Cable (Precautions for Thermoshrink Joints of Quad Cables)	RDSO Report No. STT-44 (03.2013)	RDSO Telecom report of March 2013 on precautions for thermoshrink joints of quad cables.	2013-03	RDSO	RDSO intranet - being processed
Transport Technology for Indian Railways	RDSO Report No. STT-46 (09.2013)	RDSO Telecom report of September 2013 on transport technology for Indian Railways in view of phasing out of SDH and migration to all-IP networks.	2013-09	RDSO	RDSO intranet - being processed
Earthing, Bonding and Other Measures in OFC Huts to Improve Performance of Primary Digital Multiplexers	RDSO Report No. STT-48 (11.2013)	RDSO Telecom report of November 2013 on earthing, bonding and protection measures in OFC huts to improve primary digital multiplexer performance.	2013-11	RDSO	RDSO intranet - being processed
Report on Service Performance Criteria	RDSO Specification	RDSO report on service performance criteria for		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
for Considering a Vendor for Upgradation from Developmental List to Approved List for S&T Items		upgrading vendors from the developmental (Part II) to approved (Part I) list for S&T items.			being processed
RTU Automatic ETC Networking Scheme	RDSO Specification	RDSO letter on the RTU automatic ETC networking scheme.		RDSO	Live
Work Instruction for Vendor Approval (Signal Directorate)	RDSO SI-WI-8.1-3 Version 2.2 (08.06.2023)	RDSO work instruction for vendor approval in the Signal Directorate, effective 08.06.2023.	2023-06-08	RDSO	RDSO intranet - being processed

Kavach (310)

SRS / FRS / annexures (15)

Title	Doc no.	Subject	Issued	Issuer	Status
Specification of Kavach - Onboard Kavach Configurable Parameters	RDSO Specification Annexure A2 16.07.2024 Amdt-3	Annexure A2 to the Kavach specification defining onboard Kavach configurable parameters, with amendment history, Amendment 3.	2024-07-16	RDSO	Live
Specification of Kavach - Stationary Kavach Configurable Parameters	RDSO Specification Annexure A3 16.07.2024 Amdt-3	Annexure A3 to the Kavach specification defining stationary Kavach configurable parameters, Amendment 3.	2024-07-16	RDSO	Live
Specification of Kavach - LP-OCIP (DMI) Display Requirements	RDSO Specification Annexure B Amdt-3	Annexure B to the Kavach specification setting display requirements for the Loco Pilot operation cum indication panel (DMI), Amendment 3.		RDSO	Live
Specification of Kavach - Multiple Access Scheme and Radio Communication Protocol	RDSO Specification Annexure C 27.06.2024 Amdt-10	Annexure C to the Kavach specification describing the multiple access scheme and radio communication protocol and packet formats, Amendment 10.	2024-06-27	RDSO	Live
Specification of Kavach - RFID Tag Data Format	RDSO Specification Annexure D Amdt-7	Annexure D to the Kavach specification describing the data formats of the RFID tags used in Kavach, Amendment 7.		RDSO	Live
Specification of Kavach - UHF Radio Modem Requirements	RDSO Specification Annexure E1 27.06.2024	Annexure E1 to the Kavach specification listing requirements for the UHF radio modem used in Kavach.	2024-06-27	RDSO	Live
Specification of Kavach - RFID Tag and Fixing Arrangement Guidelines	RDSO Specification Annexure F Amdt-1	Annexure F to the Kavach specification giving RFID tag requirements and fixing arrangement guidelines, Amendment 1.		RDSO	Live
Specification of Kavach - Network	RDSO Specification Annexure G	Annexure G to the Kavach specification describing	2024-07-16	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Monitoring System Protocol	16.07.2024 Amdt-4	the Network Monitoring System protocol and messages, Amendment 4.			
Kavach RFID Tag-TIN Layout Guidelines	RDSO Guidelines Annexure H Amdt-5	Annexure H to the Kavach specification giving guidelines for preparing RFID tag and TIN layouts for stations, IBs, LCs and block sections, Amendment 5.		RDSO	Live
Specification of Kavach - Remote Interface Unit	RDSO Specification Annexure J Amdt-3	Annexure J to the Kavach specification on Remote Interface Unit requirements for adapting Kavach to auto signalling, IB and gate signals, Amendment 3.		RDSO	Live
Kavach Station Master Operation cum Indication Panel (SM-OCIP) Requirements	RDSO 03.07.2024 Annexure Q Amdt-1	Annexure Q to the Kavach specification giving requirements for the SM-OCIP used with stationary Kavach, Amendment 1.	2024-07-03	RDSO	Live
Kavach Mode Transitions, SOS & MA Handling	RDSO/SPN/196/2020 Ver 4.0 Annexure A1 Amdt-6	Annexure A1 to the Kavach specification covering mode transitions, SOS and movement authority handling, Amendment 6.	2024-07-16	RDSO	Live
Kavach Control Table Guidelines	RDSO/SPN/196/2020 Ver 4.0 Annexure I Amdt-6	Annexure I to the Kavach specification giving guidelines for the Kavach control table, Amendment 6.	2024-06-07	RDSO	Live
Functional Requirements Specification of KAVACH (The Indian Railway Automatic Train Protection System)	RDSO/SPN/196/2020 Version 4.0	RDSO functional requirements specification of Kavach, the Indian Railway automatic train protection system, with definitions and requirements.	2022-04-11	RDSO	Live
System Requirements Specification of KAVACH	RDSO/SPN/196/2020 Version 4.0 Amdt-3	RDSO system requirements specification of Kavach, the Indian Railways automatic train protection system, amendment 3.	2024-06-07	RDSO	Live

TAN & technical notes (8)

Title	Doc no.	Subject	Issued	Issuer	Status
Joint Note dated 04.10.2023 for Adoption of Knorr-Bremse CCB for Kavach	IRISET 2023	Joint note on adopting the Knorr-Bremse CCB brake system interface for Kavach; the text provided contains only digital signatures.	2023	IRISET	RDSO intranet - being processed
Kavach CoE-Medha Joint Note dated 04.01.2023 - Unwarranted RFID Tag Reading, with Annexures	IRISET 2023	Joint note by IRISET CoE and Medha on unwarranted reading of RFID tags from nearby tracks, observed in trials at Maula Ali and Lallaguda sheds.	2023	IRISET	RDSO intranet - being processed
Kavach Solution Analysis - Delay in Brake Cylinder Build Up on Simultaneous Application of SA9 and A9 in IRAB	IRISET 14.03.2024	CoE analysis of delayed brake cylinder pressure build-up when SA-9 and A-9 are applied together, suggesting 2 second staggered commands from	2024-03-14	IRISET	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
		Kavach.			
Braking Parameters of WAG7 with Various Coach Formations	RDSO Motive Power Directorate Note No. SD.INV.5 (23.08.2017)	Motive Power note giving simulated service braking distances for a WAG7 loco with 24 coaches, for TACS field trials.	2017-08-23	RDSO	Live
Braking Parameters of WDM3A Loco with 58 BCNHL Wagons	RDSO Motive Power Directorate Note No. SD.INV.5 (09.11.2017)	Motive Power note giving simulated braking distances for a WDM3A loco with 58 BCNHL wagons, for TACS field trials.	2017-11-09	RDSO	Live
Braking Parameters of MEMU, EMU and Train-18 for Kavach	RDSO PS & EMU Directorate Note No. EL/4.3.26 (26.05.2022)	RDSO PS and EMU Directorate note giving tractive and braking effort data of EMU and trainsets requested by the S&T directorate.	2022-05-26	RDSO	Live
Technical Advisory Note: System Improvements regarding Installation and Maintenance for Kavach	RDSO-SIG0TCAS(TAN)-1-2021 Ver 3.0	RDSO technical advisory note on system improvements regarding installation and maintenance of Kavach.	2026-03-03	RDSO	Live
WCR Kavach - Inconsistencies in Drawings Resulting in Unsafe Situation, with Solution: Undue Release of Kavach Brakes (Joint Note WCR and CoE)	IRISET Drawing 2023	Joint note of West Central Railway and CoE on drawing inconsistencies that caused undue release of Kavach brakes on approach of IB signals at danger, with solutions.	2023	IRISET	RDSO intranet - being processed

Test formats, SAT & FAT (44)

Title	Doc no.	Subject	Issued	Issuer	Status
CoE Letter to RDSO - Comments on Loco TCAS Pre-Commissioning Checklist (PCCL)	CoE Kavach Letter 31.07.2023	CoE comments on the pre-commissioning checklist for onboard Kavach (diesel/electrical) per RDSO/SPN/196/2020 version 4.0.	2023-07-31	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO - Kavach Onboard PCCL Modifications	CoE Kavach Letter 01.11.2024	CoE letter on modifications to the pre-commissioning checklist for IRAB, E-70 and CCB brake system Kavach locomotives.	2024-11-01	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Comments of 24.05.2023 on Kavach STCAS and RIU Pre-Commissioning Checklist (RDSO/SPN/196/2020 Ver 4.0)	IRISET Test format 24.05.2023	IRISET CoE item-wise comments on the RDSO pre-commissioning checklist for stationary Kavach and RIU, version 4.0.	2023-05-24	IRISET	RDSO intranet - being processed
CoE Letter - Finalisation of PCSTE Sanction Checklist for Commissioning of Kavach, Seeking Comments from Zonal Railways	CoE Kavach Letter 08.06.2023	CoE letter circulating the draft PCSTE sanction checklist for commissioning of Kavach for zonal railway comments.	2023-06-08	CoE Kavach (IRISET)	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Comprehensive Segregated Protocol for Commencing Kavach Loco Trials	IRISET Test format 31.07.2023	IRISET CoE letter to Railway Board proposing a comprehensive protocol for Kavach onboard (loco) trials and acceptance, for checking by RDSO.	2023-07-31	IRISET	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
IRISET/CoE/Kavach/Misc - Format for RSSI / RF Survey of Transmission by Stationary Kavach	IRISET Test format 08.2022	IRISET CoE letter with a format for the quarterly RSSI survey of transmission by a stationary Kavach unit, per Railway Board minutes of 21.07.2022.	2022-08	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach TCAS Portable Onboard (Loco) Simulator: Testing at Site/Lab	IRISET Test format 19.05.2023	IRISET CoE letter on using portable onboard simulators from OEMs for testing Kavach installations at site or lab.	2023-05-19	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Standardization of Proforma for Checking Onboard Startup Procedure	IRISET Test format 01.04.2024	IRISET CoE letter to RDSO returning a reviewed startup procedure proforma and listing differences across OEMs to be made uniform.	2024-04-01	IRISET	RDSO intranet - being processed
Kavach FAT and SAT	Test format	Training presentation on Kavach factory and site acceptance testing, design process, survey and commissioning.			Live
Pre-Installation Check List for Medha Onboard KAVACH, Version 2.0 (MCA110V2-LVK-PICL)	Medha Servo Drives Pvt. Ltd. Test format	Medha pre-installation checklist for onboard Kavach.		Medha Servo Drives Pvt. Ltd.	Live
Pre-Installation Check List for Medha Stationary KAVACH, Version 2.0 (Doc ID MCA110V2-SVK-PICL)	Medha Servo Drives Pvt. Ltd. Test format	Medha pre-installation checklist for stationary Kavach.		Medha Servo Drives Pvt. Ltd.	Live
Pre-commissioning Checklist for Stationary Kavach	RDSO Letter 24.05.2022	RDSO letter to Kavach firms on the pre-commissioning checklist for stationary Kavach.	2022-05-24	RDSO	Live
Factory Acceptance Test (FAT) Procedure for Stationary KAVACH Application Logic, SIF 0515 Ver 1.2	RDSO Letter No. RDSO-SIG0KVCH(GEN)/2/2024	RDSO letter issuing the approved Factory Acceptance Test procedure for stationary Kavach application logic as per RDSO/SPN/196/2020 Version 4.0, effective 27.01.2025.	2025-01-28	RDSO	Live
Functional Test Format at System Level for KAVACH, SIF-0533 Ver 4.22	RDSO Letter No. RDSO-SIGOTCAS(SPN)/2/2025	RDSO letter to Kavach firms issuing the approved system-level functional test format for Kavach as per RDSO/SPN/196/2020 Version 4.0.	2026-08-10	RDSO	Live
Approval of Revised Test Instruction of BIU of CCB System for Kavach (CCB 2.0), 22.11.2023	RDSO Letter RDSO-SIG0TCAS(ME)/1/2020	RDSO letter to PCEE, South Central Railway, approving the revised test instruction of the brake interface unit of the CCB system for TCAS in WAP-7 and WAP-5 locomotives.		RDSO	RDSO intranet - being processed
Issue of Pre-commissioning Checklist for Stationary KAVACH (SIF-1514 Ver 1.0) of GG Tronics	RDSO Letter RDSO-SIGTCAS(GGT)/1/2022	RDSO letter approving the pre-commissioning checklist for stationary Kavach of GG Tronics as per version 4.0, with the checklist enclosed.	2025-09-16	RDSO	Live
Procedure for Site Acceptance Testing of KAVACH in Commissioned Section or Adjacent Station (RDSO-	RDSO Test format 06.01.2026	RDSO procedure for site acceptance testing of Kavach in a commissioned section or adjacent station, addressed to Kavach firms.	2026-01-06	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
SIG0KVCH(GEN)/3/2024)					
Acceptance Test Format for Stationary TCAS of M/s HBL, Hyderabad	RDSO SIF 0514 Version 3.0	RDSO acceptance test format for stationary TCAS of HBL, effective 10.12.2020.	2020-12-10	RDSO	RDSO intranet - being processed
Pre-commissioning Checklist for Medha Stationary TCAS	RDSO SIF 0516	RDSO pre-commissioning checklist for the Medha stationary TCAS.	2016-01-19	RDSO	Live
Pre-commissioning Checklist for HBL Stationary TCAS	RDSO SIF 0518 Ver 0	RDSO pre-commissioning checklist for HBL stationary TCAS, effective 08.07.2016.	2016-07-08	RDSO	RDSO intranet - being processed
Functional Test Format for LP-OCIP (DMI) for Kavach	RDSO SIF 0522 Version 1.5	RDSO functional test cases for the Loco Pilot operation-cum-indication panel (DMI) for Kavach as per RDSO/SPN/196/2020 Ver 4.0.	2025-09-29	RDSO	Live
Pre-Commissioning Checklist for Onboard KAVACH (Diesel/Electrical)	RDSO SIF 0576 Version 2.0	RDSO pre-commissioning checklist for onboard Kavach per RDSO/SPN/196/2020 version 4.0.	2023-08-07	RDSO	RDSO intranet - being processed
Type Test Format for Hardware of Stationary Kavach (RDSO/SPN/196/2020 Ver 4.0)	RDSO SIF 0577 Ver 1.0	RDSO type test format for hardware of stationary Kavach equipment of a named firm per RDSO/SPN/196/2020 Ver 4.0, effective 26.06.2023.	2023-06-26	RDSO	RDSO intranet - being processed
Kavach Field Trial Scenario Observation Format for Non-Signalling Based Kavach Installation	RDSO SIF 1520 Version 1.2	RDSO format for recording observations of field trial scenarios such as rear end and head on collision prevention in a block section for non-signalling based Kavach.	2026-01-06	RDSO	Live
Checklist for Review of Daily Trial Runs of TCAS	RDSO SIF No. 0525 Ver 1.0	RDSO checklist format for reviewing daily field trial runs of TCAS, covering SPAD, collision, spurious braking and display events.		RDSO	Live
KAVACH Interoperability Test Format for Various Scenarios with Approved Vendors	RDSO SIF No. 0594 Version 1.1	RDSO test format for Kavach interoperability in various scenarios between approved vendors.	2025-01-28	RDSO	Live
Pre-commissioning Checklist for Onboard KAVACH (Diesel/Electrical) of M/s HBL Engineering Ltd	RDSO SIF No. 1508 Ver 1.0	RDSO pre-commissioning checklist for HBL onboard Kavach as per RDSO/SPN/196/2020 version 4.0.	2025-05-16	RDSO	Live
Pre-commissioning Check List for Kernex Stationary TCAS System	RDSO SIF-0520 Ver 1.0	RDSO pre-commissioning checklist for the Kernex stationary TCAS system.	2021-07-05	RDSO	Live
Pre-commissioning Checklist for Diesel/Electric Loco TCAS of M/s Kernex	RDSO SIF-0528 Ver 1.0	RDSO pre-commissioning checklist for the Kernex diesel and electric loco TCAS.	2021-07-05	RDSO	Live
Pre-commissioning Check List for Medha STCAS-RIU (Remote Interface Unit)	RDSO SIF-0544 Ver 1.0	RDSO pre-commissioning checklist for the Medha stationary TCAS remote interface unit.	2020-12-21	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Format of Loco TCAS of M/s HBL, Hyderabad (as per RDSO/SPN/196/2012 Ver 3.2)	RDSO SIF-0546 Ver 1.0d1	RDSO acceptance test format for hardware of Loco TCAS (train collision avoidance system) of HBL as per RDSO/SPN/196/2012 version 3.2.	2020-12-29	RDSO	Live
Pre-installation Checklist for HBL STCAS-RIU (Remote Interface Unit)	RDSO SIF-0551 Ver 1.0	RDSO pre-installation checklist for the HBL stationary TCAS remote interface unit.	2021-01-21	RDSO	Live
Pre-installation Checklist for Kernex RIU (Remote Interface Unit)	RDSO SIF-0555 Ver 1.0	RDSO pre-installation checklist for the Kernex remote interface unit.	2021-07-05	RDSO	Live
Pre-commissioning Check List for Kernex RIU (Remote Interface Unit)	RDSO SIF-0556 Ver 1.0	RDSO pre-commissioning checklist for the Kernex remote interface unit.	2021-07-05	RDSO	Live
Pre-commissioning Check List for Stationary KAVACH as per RDSO/SPN/196/2020 Ver 4.0	RDSO SIF-0577 Ver 2.1	RDSO pre-commissioning checklist for stationary Kavach as per RDSO/SPN/196/2020 Ver 4.0.	2024-03-15	RDSO	Live
Functional Test Format of Event Logging for KAVACH	RDSO SIF-0595 Version 1.0	RDSO functional test cases for event logging at system level for Kavach, such as logging a signal passed at danger, as per RDSO/SPN/196/2020 Version 4.0.	2025-05-06	RDSO	Live
Site Acceptance Test Scheme for Non-Signalling based KAVACH System	RDSO SIF-1521 Version 1.2	RDSO site acceptance test scheme for non-signalling based Kavach installation, as per RDSO/SPN/196/2020 Version 4.0.	2026-01-06	RDSO	Live
Pre-commissioning Check List for HBL STCAS-RIU (Remote Interface Unit)	RDSO SIF0550 Ver 1.0	RDSO pre-commissioning checklist for the HBL stationary TCAS remote interface unit.	2021-01-21	RDSO	Live
Type Test Format for UHF Radio Modem (Kavach, RDSO/SPN/196/2020 Ver 4.0)	RDSO SIF1505 Version 2.0	RDSO type test format for hardware of the Kavach UHF radio modem as per Annexure E1 of specification RDSO/SPN/196/2020 Version 4.0, with environment tests added.	2025-09-25	RDSO	Live
Site Acceptance Test Scheme for Stationary KAVACH (IRATP) Application Logic for Version 4.0	RDSO SIF:0593 Version 1.0	RDSO site acceptance test procedure for the application logic of stationary Kavach as per RDSO/SPN/196/2020 Version 4.0.	2024-03-15	RDSO	Live
TCAS Field Trial for Various Scenarios - Site Acceptance Test (SAT) Format (effective 21.12.2021)	RDSO Test format 21.12.2021	RDSO format for recording site acceptance test observations of the TCAS field trial for various scenarios, effective from 21.12.2021.	2021-12-21	RDSO	Live
Template Common Acceptance Test Format for Kavach Version 4.0	RDSO Test format	RDSO template for the acceptance test format for Kavach hardware.		RDSO	Live
Template Common Type Test Format for Kavach Version 4.0	RDSO Test format	RDSO template for the type test format for Kavach hardware.		RDSO	Live
Template for Pre-Commissioning Checklist for Onboard Kavach	RDSO Test format	RDSO template for the pre-commissioning checklist for onboard Kavach on diesel and electric		RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
(Diesel/Electrical) as per RDSO/SPN/196/2020 Version 4.0		locomotives.			

Installation & maintenance (88)

Title	Doc no.	Subject	Issued	Issuer	Status
CoE Letter - Kavach Equipment Layout for WAG7/ARNO Non-Crew Friendly Locomotives	CoE Kavach Letter 25.04.2025	CoE letter on Kavach equipment installation layout drawings for conventional WAG-7/ARNO crew and non-crew friendly locomotives.	2025-04-25	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to ED/RS/RDSO on Proposed Maintenance Activities for Onboard Kavach	CoE Kavach Letter 11.04.2026	CoE letter proposing maintenance activities for onboard Kavach, with references to RDSO letters.	2026-04-11	CoE Kavach (IRISET)	RDSO intranet - being processed
Training Module on Kavach System for Traffic Staff	CoE/Kavach/2024/008 Issue 2.0	Training module on the Kavach (IR-ATP) system for traffic staff, issue 2.0.	2024-12-26	CoE Kavach (IRISET)	Live
Pre-Training Reading Module on Kavach System for S&T Staff	CoE/Kavach/2024/009 Issue 1.0	IRISET Centre of Excellence pre-training reading module on Kavach for S&T staff.	2024-06-07	CoE Kavach (IRISET)	Live
Guidelines for Installation of RFID Tags in Block Section for Non-Signalling Based Kavach Features	Railway Board / RDSO Guidelines	Guidelines on installing RFID tags in block sections for non-signalling based collision prevention features of Kavach in non-Kavach territory.		Railway Board / RDSO	Live
HBL Loco Configuration File Preparation and Loading Manual for Train Collision Avoidance System	RDSO-SIG0TCAS(HBL)/1/2021	HBL manual on preparing and loading loco configuration files for the train collision avoidance system, with RDSO approval letter.	2023-11-02	HBL Engineering Ltd / RDSO	Live
HBL Loco Kavach Configuration Parameters Manual	HBL Engineering Ltd Document 5 51 53 0019, Version 1.4	HBL Engineering Loco Kavach configuration parameters manual, version 1.4.	2026-06-10	HBL Engineering Ltd	Live
Installation Manual of Onboard Kavach (Medha)	Medha Servo Drives Pvt. Ltd. IM-481 Rev 2.3	Installation manual for the Medha onboard Kavach equipment.		Medha Servo Drives Pvt. Ltd.	Live
Installation Manual of Stationary Kavach (Medha)	Medha Servo Drives Pvt. Ltd. IM-484 Rev 2.4 (07.2025)	Medha installation manual for stationary Kavach equipment.	2025-07	Medha Servo Drives Pvt. Ltd.	Live
CoE Letter - Arrangement of Kavach Interfacing with E70 Brake System in Three Phase Electric Locomotives (Interface Drawing)	CoE Kavach Letter 12.09.2023	CoE letter on the arrangement of Kavach interfacing with the E70 brake system in three phase electric locomotives.	2023-09-12	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Kavach (TCAS) Towers: Google Earth Mapping and Residual Items, Kolkata-Delhi-Mumbai Mission Raftaar Section	CoE Kavach Letter	CoE letter to PCSTEs proposing mapping of Kavach tower locations on Google Earth and listing residual items.		CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Kavach TCAS: Post	IRISET Letter 19.05.2023	IRISET CoE letter advising radio surveys using Kavach	2023-05-19	IRISET	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Installation Radio Survey of Section, Testing at Site		TCAS hardware fitted on a loco before commissioning of stationary and onboard units.			being processed
CoE Letter to PS&EMU RDSO on Revision in EMU Kavach Drawing for Roll Away Protection (Alt-2)	CoE Kavach Letter 25.04.2024	CoE letter incorporating PS&EMU feedback and corrections in the Kavach conventional EMU interface drawing for roll away protection, including the MR feed cut off solenoid valve supply.	2024-04-25	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Approval of Kavach Interfacing Scheme with E-70 and CCB 2.0 Brake Systems in Three Phase Locomotives	CoE Kavach Letter 19.09.2024	CoE letter seeking approval of the Kavach interfacing scheme with E-70 and CCB 2.0 brake systems, including verified brake timings and disabling PVEF in light engine mode.	2024-09-19	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Installation Drawing for Kavach DMI Provision in Three Phase EMU Cab	CoE Kavach Letter 01.11.2023	CoE letter submitting a drawing for modification of the three phase EMU driver desk to accommodate the Kavach DMI, as an addition to earlier installation drawings.	2023-11-01	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Installation Drawings for Fitment of Kavach in Conventional and Three Phase EMUs	CoE Kavach Letter 18.10.2023	CoE letter submitting Kavach equipment layout and antenna base location drawings for conventional and three phase EMUs to RDSO for approval.	2023-10-18	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Kavach Brake Interfacing Drawings for HHP Diesel Locomotives	CoE Kavach Letter 15.04.2025	CoE letter sending a draft Kavach interfacing scheme for WDP4D/WDG4D locomotives with Medha propulsion and generic interface requirements for review by HHP propulsion makers.	2025-04-15	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Kavach Interfacing with CCB 2.0 Brake System in Three Phase Electric Locomotives	CoE Kavach Letter 25.04.2024	CoE item-wise replies to RDSO observations on the proposed Kavach electrical interfacing scheme with the CCB 2.0 brake system in three phase locomotives.	2024-04-25	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Standard Layout for Installation of Kavach in Conventional WAG-7 Locomotive	CoE Kavach Letter 25.04.2024	CoE letter submitting jointly signed standard Kavach equipment layout and antenna base location drawings for WAG-7 locomotives for RDSO approval.	2024-04-25	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO with Compliance to Observations on Kavach Interfacing with E-70 and CCB 2.0	CoE Kavach Letter	CoE clause-wise compliance table to RDSO observations on the drawing for Kavach interfacing with the E-70 brake system in WAP-5, WAP-7 and WAG-9 locomotives.		CoE Kavach (IRISET)	RDSO intranet - being processed
Letter to SCR - Comments on 9000HP Interfacing Schematic: Design Documents for 9000 HP Electric Locomotive	CoE Kavach Letter 22.09.2023	IRISET letter seeking comments on design documents and interface description of TCAS for 9000 HP electric locomotives.	2023-09-22	CoE Kavach (IRISET)	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Approval of Kavach (IR-ATP) Interfacing Scheme with E-70 Brake System in Three Phase	IRISET Letter 26.12.2023	IRISET CoE letter circulating RDSO's approval of the Kavach interfacing scheme with the E-70 brake system in three phase locomotives and asking OEMs	2023-12-26	IRISET	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Electric Locomotives, with RDSO letter		to follow it.			
IRISET/CoE/Kavach/Misc - Arrangement of Kavach (IR-ATP) Interfacing with CCB 2.0 Brake System in Three Phase Electric Locomotives	IRISET 01.04.2024	IRISET CoE letter asking RDSO to approve the Kavach interfacing drawings with the CCB 2.0 brake system in three phase electric locomotives.	2024-04-01	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Comments on CLW Drawings w.r.t. Kavach Fitment Scheme in WAP7 and WAG9 Locomotives	IRISET Drawing 06.07.2023	IRISET CoE comments to CLW on its draft drawings for Kavach fitment, including cable index, cable routing and antenna positions.	2023-07-06	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Drawings w.r.t. Kavach Fitment Scheme in WAP7 and WAG9 Locomotives Rolling out from Production Units, with Annexures	IRISET Drawing 22.06.2023	IRISET CoE letter listing drawings prepared for Kavach fitment in WAP7 and WAG9 new locomotives and asking RDSO and CLW to examine them.	2023-06-22	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Fitment of Kavach in Three Phase Electric Locomotives	IRISET 23.08.2023	IRISET CoE letter to CLW reviewing CLW's cable index and routing plan for Kavach fitment in three phase locomotives and listing corrections.	2023-08-23	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Proposed Maintenance Activities for Onboard Kavach in Three Phase Locomotives, with Annexures	IRISET 31.01.2024	IRISET CoE letter to RDSO with a draft maintenance schedule for onboard Kavach in three phase E-70 locomotives, to be issued to zonal railways.	2024-01-31	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Trouble Shooting Directory for Three Phase Locomotives Equipped with Kavach	IRISET 01.04.2024	IRISET CoE letter forwarding a draft troubleshooting directory for operating and shed staff on three phase locomotives with Kavach.	2024-04-01	IRISET	RDSO intranet - being processed
Introduction and Architecture of Kavach	Unnumbered KAV-01	Training presentation introducing Kavach (IR-ATP), its incorporation in the General Rules and its system architecture.			Live
Interface Circuits for Kavach Functionality	Unnumbered KAV-05	Training presentation on Kavach interface circuits, system components and the design and approval process.			Live
Kavach Communication (18.03.2026)	Document 18.03.2026 KAV-06	Training presentation on Kavach radio communication, multiple access scheme and RF communication between station and loco Kavach.	2026-03-18		Live
Kavach Survey and Detailed Estimate	Unnumbered KAV-08	Training presentation on Kavach activities in design and testing, including survey, RFID tag placement, cable route survey and estimate preparation.			Live
Kavach NMS and Performance Analysis, Version 5.0	Document 31.12.2025 KAV-13	Training presentation on the Kavach Network Management System and performance analysis, Version 5.0.	2025-12-31		Live

Title	Doc no.	Subject	Issued	Issuer	Status
KAV-6 and KAV-7 RF Layout Design - Kavach RFID Technology	Document 12.09.2022	Training presentation on Kavach RFID technology, RFID reader and RF layout design, dated 12-09-2022.	2022-09-12		Live
Kavach Communication - Radio Communication and its Security	IRISET 04.11.2025	IRISET presentation on Kavach radio communication, multiple access scheme and security.	2025-11-04	IRISET	Live
Kavach Equipment Layout for WAG-7 Locomotive (29.03.2024)	Document 29.03.2024	Drawing showing the layout of on-board Kavach equipment on a WAG-7 locomotive.	2024-03-29		Live
Kavach Equipment Layout for WAG-7 Locomotive, Crew Friendly (29.03.2024)	Document 29.03.2024	Drawing showing the crew-friendly layout of on-board Kavach equipment on a WAG-7 locomotive.	2024-03-29		Live
Kavach Presentation (NIR Study Material)	Presentation 16.06.2026	Presentation explaining why Kavach is so named, how it works and its frequency range, with reference to TCAS.	2026-06-16		Live
Kavach RFID Tag Data (Annexure-D) Presentation	Presentation 13.10.2025	Presentation on Kavach RFID tag data, covering RFID tag R-201, TIN number, IPICO reader and the RFID tag data format.	2025-10-13		Live
Kavach System Overview - Roles and Responsibilities of ISA and List of Documentation	IRISET	IRISET presentation on Kavach independent safety assessment, safety case, safety audit plan, key challenges and documentation.		IRISET	Live
Kavach Table of Control Design	IRISET	IRISET presentation on the design of the Kavach table of control.		IRISET	Live
Kavach Troubleshooting Directory for 3-Phase Locomotives Equipped with Kavach (E-70 and CCB)	CoE Kavach 22.04.2025	CoE troubleshooting directory for 3-phase locomotives equipped with Kavach with E-70 and CCB brake systems.	2025-04-22	CoE Kavach (IRISET)	RDSO intranet - being processed
KMIL KAVACH-LBCFG Params Version 1.2 - Loco Kavach Brake Configuration Parameters	Kernex Microsystems (India) Ltd.	Kernex Microsystems manual on loco Kavach brake configuration parameters, Version 1.2.		Kernex Microsystems (India) Ltd.	Live
Installation Manual of Onboard KAVACH (CCB Locomotive), Kernex KAVACH 2.1	Kernex Microsystems (India) Ltd. KMIL-0032-009-26-KAVACH2.1-IM-L (CCB) Rev 3	Kernex Microsystems installation manual for onboard Kavach 2.1 on CCB locomotives.		Kernex Microsystems (India) Ltd.	Live
Installation Manual of Onboard KAVACH (E-70 Locomotive), Kernex KAVACH 2.1	Kernex Microsystems (India) Ltd. KMIL-0032-009-26-KAVACH2.1-IM-L (E-70) Rev 3	Kernex Microsystems installation manual for onboard Kavach 2.1 on E-70 locomotives.	2026-03-11	Kernex Microsystems (India) Ltd.	Live
Station KAVACH User Operating Manual, Kernex KAVACH 2.1	Kernex Microsystems (India) Ltd KMIL-0034-009-26-KAVACH2.1-UOM-S Rev 2	Kernex user operating manual for the station Kavach unit of Kernex KAVACH 2.1.	2026-03	Kernex Microsystems (India) Ltd	Live
Onboard Kavach User Operating Manual of Kernex Kavach 2.1	Kernex Microsystems (India) Ltd. KMIL-0035-009-26-KAVACH2.1-UOM-L Rev 2	Kernex user operating manual for the Onboard Kavach 2.1, covering system overview, features and the driver machine interface.	2026-03-11	Kernex Microsystems (India) Ltd.	Live

Title	Doc no.	Subject	Issued	Issuer	Status
KMIL:KAVACH-S-IM Version 2.0 - Installation Manual of Stationary KAVACH (Kernex KAVACH 2.0)	Kernex Microsystems (India) Ltd. Manual 30.04.2026	Kernex Microsystems installation manual for stationary Kavach 2.0 (TCAS).	2026-04-30	Kernex Microsystems (India) Ltd.	Live
Track Profile Table	KVA02 Stationary Architecture Ver 1.0	Kavach training presentation on the stationary architecture and the track profile table.			Live
Loco Pilot Operating Manual for Kavach Spec Version 3.2 (CoE draft) with covering letter	CoE Kavach Letter 22.07.2024	Covering letter seeking feedback on the draft Loco Pilot Operating Manual for Kavach Spec Ver 3.2, followed by the draft manual.	2024-07-22	CoE Kavach (IRISET)	Live
User Manual for MCA110V2 Loco Kavach Driver Machine Interface (Medha)	Medha Servo Drives MCA110V2-DMI-UM-2.4 Ver 2.4 (30.06.2025)	Medha user manual for the driver machine interface of the MCA110V2 loco Kavach, made per RDSO/SPN/196/2020.	2025-06-30	Medha Servo Drives	Live
Troubleshooting & Maintenance Manual for MCA110V2 Onboard Kavach (Medha)	Medha Servo Drives MCA110V2-LVK-TMM Ver 2.2 (12.12.2024)	Medha troubleshooting and maintenance manual for the MCA110V2 onboard Kavach, updated per RDSO/SPN/196/2020.	2024-12-12	Medha Servo Drives	Live
User Manual for MCA110V2 Station Master's Operation cum Indication Panel (Medha)	Medha Servo Drives MCA110V2-SOIP-UM Ver 2.1 (29.01.2025)	Medha user manual for the station master's operation cum indication panel of the MCA110V2 stationary Kavach.	2025-01-29	Medha Servo Drives	Live
Troubleshooting & Maintenance Manual for MCA110V2 Stationary Kavach (Medha)	Medha Servo Drives MCA110V2-SVK-TMM Ver 2.2 (06.12.2024)	Medha troubleshooting and maintenance manual for the MCA110V2 stationary Kavach, updated per RDSO/SPN/196/2020.	2024-12-06	Medha Servo Drives	Live
Medha Loco TCAS Configuration Tool User Manual Version 1.6 - Approval with Braking Parameters for WAP-7	Medha Servo Drives Pvt. Ltd. Manual	Medha Loco TCAS configuration tool user manual version 1.6 (Doc Id MEDHA-LTCAS-CNFG_UM-1_6) forwarded for approval with braking parameters for WAP-7.		Medha Servo Drives Pvt. Ltd.	RDSO intranet - being processed
Note of Inspection of Kavach Installation in Mathura-Palwal (MTJ-PWL) Section, NCR, on 15.08.2023	IRISET 15.08.2023	CoE inspection note on footplate inspection of Kavach installation between Mathura and Palwal on North Central Railway, with observations and actions for OEM.	2023-08-15	IRISET	RDSO intranet - being processed
Preparation of Data Entry (DE) for Kavach, Version 23	STTC 09.09.2024	Training presentation on preparing Kavach data entry; extracted text is mostly slide placeholders dated 9 September 2024.	2024-09-09	STTC	Live
Radio Tower Design - Sub/Super Structure Tests (Kavach, Indigenous ATP System)	IRISET	IRISET Kavach CoE presentation on radio tower design and sub/super structure tests for the indigenous ATP system.		IRISET	Live
RBMV (Rail Borne Maintenance Vehicle) Installation and Interface Drawings	RDSO Drawing	RDSO approved installation and interface drawing for Kavach interface on a rail borne maintenance vehicle with pneumatic panel and control desk		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
		details.			
Approval - Kavach Interface Arrangement with E-70 and CCBII Brake Systems for EF12K Locomotive	RDSO 05.12.2025	RDSO approval of the Kavach interfacing scheme with E-70 and CCBII brake systems for EF12K locomotives.	2025-12-05	RDSO	RDSO intranet - being processed
In-Principle Approval of Kavach Layout and Interface Drawings for WAG12B Locomotives (Alstom)	RDSO Drawing	RDSO in-principle approval of Alstom's Kavach layout and interface drawings for WAG12B electric locomotives.		RDSO	RDSO intranet - being processed
Approval of Kavach Drawings for BEML Tower Wagons	RDSO Letter 04.05.2026	RDSO letter to ED/CoE/Kavach on approval of Kavach related drawings for tower wagons.	2026-05-04	RDSO	RDSO intranet - being processed
Approval of Kavach Layout and Interface for SAN Make DETC Tower Cars	RDSO Letter 11.03.2026	RDSO approval of draft Kavach installation and interfacing drawings for SAN make 8-wheeler tower cars.	2026-03-11	RDSO	RDSO intranet - being processed
Scheduled Maintenance Activities for Onboard Kavach	RDSO Letter 06.05.2026	RDSO letter No. EL/0.1.3/3 on scheduled maintenance activities for onboard Kavach.	2026-05-06	RDSO	RDSO intranet - being processed
Standard Layouts and Drawings for Fitment of Onboard Equipment of KAVACH on WAG9, WAP5 and WAP7 Electric Locomotives	RDSO Letter EL/0.1.3/3 (07.08.2023)	RDSO letter forwarding standard layouts and drawings for fitment of onboard Kavach equipment on WAG9, WAP5 and WAP7 electric locomotives.	2023-08-07	RDSO	Live
Approval of Arrangement of Kavach (IR-ATP) Interfacing Scheme ALT-02 with E-70 and CCBII Brake Systems	RDSO Letter No. EL/3.2.19/3-Phase/TCAS (13.03.2025)	RDSO approval of the revised Kavach interfacing scheme with E-70 and CCB2 brake systems in 3-phase electric locomotives.	2025-03-13	RDSO	Live
Approval of Fitment of RFID Tags in CC Apron Area and PSC Sleeper	RDSO Letter No. RDSO-SIG0TCAS(HBL)/1/2021	RDSO letter conveying Track Design Directorate approval for fixing RFID tags in CC apron area of Kavach stations using mounting clamps as per drawing SDO/S&T/TCAS/008.	2021-06-07	RDSO	Live
Letter No. RDSO/CoE/Kavach/Monsoon - Monsoon Precautionary Measures for Kavach System	RDSO Letter 21.05.2026	RDSO Centre of Excellence Kavach letter to PCSTEs circulating monsoon precautions for Kavach systems to reduce failures from water, lightning and moisture.	2026-05-21	RDSO	Live
Approval of Medha Onboard Kavach Configuration User Manual Ver 2.5	RDSO Letter No. RDSO/SIGOKVCH(MEDH)/2/2026	RDSO approval of the Medha Onboard Kavach configuration user manual version 2.5 with checksums of train parameter files for various locomotives.	2026-03-12	RDSO	Live
Letter on Integration of Kavach in D9 Locomotives of Siemens (Installation and	RDSO Letter 07.10.2025	RDSO letter approving in principle the Kavach integration scheme for Siemens D9 locomotives,	2025-10-07	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Integration MOM)		subject to compliance with CoE remarks and resubmission after customizations.			processed
Letter on Provisional Approval of Standard Layouts for Installation of Kavach in Conventional WAG-5 Locomotive	RDSO Letter 30.10.2024	RDSO letter conveying provisional approval of the CoE-submitted Kavach equipment layouts and antenna base locations for WAG-5 locomotives, including crew friendly cab.	2024-10-30	RDSO	RDSO intranet - being processed
Letter STS/E/TCAS/Vol-XVIII - Stationary TCAS System Maintenance Schedule	RDSO Letter 12.09.2018	RDSO letter to firms on the maintenance schedule for the stationary TCAS system.	2018-09-12	RDSO	Live
Letter to CoE and Zonal Railways - Approval of Revised Drawings of Kavach Equipment Installation on New 3-Phase WAP7/WAG9 Locos	RDSO Letter 2025	RDSO letter on approval of revised drawings for Kavach equipment installation on new 3-phase WAP7 and WAG9 locomotives; text not available.	2025	RDSO	RDSO intranet - being processed
Letter to ICF, RCF and MCF - Approval of Kavach Drawings for EMUs	RDSO Letter	RDSO letter on installation drawings for Kavach fitment in conventional and 3-phase EMUs.		RDSO	RDSO intranet - being processed
Letter to PUs	RDSO Installation Drawings for Kavach Fitment in Conventional and 3-Phase MEMUs (2025)	RDSO letter on installation drawings for Kavach fitment in conventional MEMU, underslung 3-phase MEMU and 3-phase MEMUs.	2025	RDSO	RDSO intranet - being processed
Provisional Approval of Kavach Layout and Interface for EF12K Electric Locomotives	RDSO	RDSO provisional approval of layout and drawing for onboard Kavach installation on EF12K class electric locomotives.		RDSO	RDSO intranet - being processed
Provisionally Approved Fitment Drawings for Onboard Kavach Equipment on Electric Locomotives	RDSO Drawing 01.06.2021	RDSO note on provisionally approved layouts and drawings for fitment of onboard Kavach equipment on classes of electric locomotives.	2021-06-01	RDSO	RDSO intranet - being processed
RFID Fitment Diagram on Apron - Clearance from Track Directorate	RDSO	Approved RFID fitment drawing on apron with track directorate clearance; text not available.		RDSO	RDSO intranet - being processed
RFID Fixing Arrangement in Sleeper for TCAS	RDSO Letter 27.08.2015	RDSO letter on the RFID fixing arrangement for TCAS in the Secunderabad-Vikarabad-Wadi (excluding)-Bidar section of SC Railway.	2015-08-27	RDSO	Live
RFID Tag Layout MQL 1.0 - Mirkhal Station, TCAS (Kavach), Nanded Division, South Central Railway	HBL Power Systems Ltd. 09.09.2020	HBL Power Systems TCAS RFID tag layout drawing for Mirkhal (MQL) station on Nanded Division, South Central Railway, with tag legend and revision history.	2020-09-09	HBL Power Systems Ltd.	Live
Sample MoU between South Central Railway and RailTel for Maintenance of TCAS Towers	South Central Railway	Sample memorandum of understanding between South Central Railway and RailTel Corporation for maintenance of TCAS towers by RailTel.		South Central Railway	RDSO intranet - being processed
Loco Kavach on the Live Yard -	SECR	South East Central Railway draft technical note on		South East Central	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Integration & Configuration Technical Note (draft)		exercising an onboard Kavach unit using a live model yard's real signals, Station Kavach and RFID, for discussion with the OEM.		Railway	
Joint Procedure Order for Fixing of RFID Tags in Kavach Territory, with covering letter	SECR/S&T/SIGNAL/KAVACH/ JPO/1067	South East Central Railway joint procedure order on fixing RFID tags and carrying out track maintenance in Kavach territory, with covering letter to divisions.	2025-11-12	South East Central Railway	Live
Monthly Maintenance Schedule for Remote Interface Unit (Medha)	RDSO SIF-0549 Ver 1.0	RDSO monthly maintenance schedule for the Medha Kavach (STCAS) Remote Interface Unit covering NMS, power supply, battery charger and equipment checks.	2020-12-21	RDSO	Live
Monthly Maintenance Schedule for HBL STCAS RIU (Remote Interface Unit)	RDSO SIF-0552 Ver 1.0	RDSO monthly maintenance schedule for the HBL Kavach (STCAS) Remote Interface Unit, with daily and monthly checks of NMS, power supply and battery chargers.	2021-01-21	RDSO	Live
Maintenance Checklist for Kernex Remote Interface Unit (RIU)	RDSO SIF-0557 Ver 1.0	RDSO maintenance checklist for the Kernex remote interface unit per RDSO/SPN/196/2012 Ver 3.2, effective 05.07.2021.	2021-07-05	RDSO	Live
STS/E/TCAS/Vol-XIX - Loco and Stationary TCAS Maintenance Schedule (Loco Schedule Maintenance Work Ver 1.0 Draft)	RDSO 26.03.2019	RDSO letter asking TCAS firms to carry out scheduled maintenance of stationary and loco TCAS and submit reports monthly, with the draft loco maintenance schedule.	2019-03-26	RDSO	Live
Training Module on Stationary Kavach System for S&T Technicians	Unnumbered	Indian Railways training module on the stationary Kavach system for S&T technicians, with acronyms and system description.			Live

Letters & instructions (105)

Title	Doc no.	Subject	Issued	Issuer	Status
CoE IRISET Letter - Speeds Used in Field Trials, SPAD Prevention and Other Tests; Approval of Medha Loco TCAS Configuration Tool User Manual	CoE Kavach Letter 2023	Letter on approval of the Medha loco TCAS configuration tool manual with braking parameters for WAP-7 and speeds used in field trials.	2023	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Kavach Letter to SCR OEMs - Standardization of Pneumatic Cocks Nomenclature	IRISET Letter 2023	CoE letter recommending uniform naming of the pneumatic cocks used to isolate the BP vent across OEMs and brake systems, with the cock functions tabulated.	2023	IRISET	RDSO intranet - being processed
CoE Letter - Difference in Brake Application Time and Brake Release Time	CoE Kavach Letter 03.06.2023	CoE letter on differences in brake application and release time with the CCB 2.0 BIU due to brake	2023-06-03	CoE Kavach (IRISET)	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
with CCB 2.0 BIU		cylinder build-up deviation.			processed
CoE Letter - Frequency Planning for Kavach using mComm for Kolkata-Delhi-Mumbai Mission Raftaar Section, SCR Ver 4: Spectrum Sought through WPC Applications	CoE Kavach Letter 27.05.2023	CoE letter on Kavach frequency planning using mComm and spectrum sought by zonal railways through WPC applications.	2023-05-27	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Kavach: Improper Implementation of Interfacing Scheme for E-70 Brake by HBL	CoE Kavach Letter 23.05.2024	CoE letter on improper implementation of the Kavach interfacing scheme with the E-70 brake by HBL, tested on a WAP-7 locomotive.	2024-05-23	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Kavach: Incident of RFID Tag with Incorrect Data and Involvement of Railway Personnel in Failures	CoE Kavach Letter 19.09.2022	Letter on an RFID tag with incorrect data (Telapur, August 2022) and involving railway personnel in failures.	2022-09-19	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Kavach: Vande Bharat TCMS Slip-Slide Reduced Braking Effort	CoE Kavach Letter 2024	CoE letter on Vande Bharat TCMS detecting regenerative braking mode with reduced braking effort in Kavach operation.	2024	CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach: Mismatch in SIP of Station Block Section Affecting Kavach ToC	IRISET CoE Letter dated 04.02.2024	CoE letter of 4 February 2024 on a mismatch in the signalling plan of a station block section affecting Kavach table of controls; no text available.	2024	IRISET	RDSO intranet - being processed
Kavach: ToC MA, RDSO to Issue Modification in Annexure-I and Annexure-J in SRS	IRISET CoE Letter dated 05.02.2024	CoE letter of 5 February 2024 asking RDSO to issue modifications to Annexures I and J of the Kavach SRS; no text available.	2024	IRISET	RDSO intranet - being processed
Kavach: Undue Relaxation of Permitted Speed	IRISET CoE Letter dated 09.05.2024	CoE letter to RDSO asking that Kavach continue the most restrictive speed supervision until the Loco Pilot acknowledges, and brake if no acknowledgement is given.	2024-05-09	IRISET	RDSO intranet - being processed
CoE Letter to Kavach OEMs and RDSO on Onboard Non-Uniformity in Procedures, Arrangements and Functions	CoE Kavach Letter 2024	CoE letter on non-uniformity in onboard Kavach arrangements, including MR cocks in conventional EMUs across OEMs.	2024	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to OEMs, RDSO and Zonal Railways - Conflicting Tag Issue	CoE Kavach Letter 2023	CoE letter on the conflicting RFID tag issue, including differing RFID reader mounting heights among OEMs.	2023	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO and OEMs - Kavach Uniform Braking Algorithm Field Trials	CoE Kavach Letter 17.09.2024	CoE letter on field trials of the Kavach uniform braking algorithm following the RDSO and CoE joint note of 16.04.2024.	2024-09-17	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Arrangement of Kavach Interfacing Scheme in 3-Phase EMUs	CoE Kavach Letter 27.03.2025	CoE letter on the arrangement of the Kavach (IR-ATP) interfacing scheme for 3-phase EMUs.	2025-03-27	CoE Kavach (IRISET)	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
CoE Letter to RDSO on Kavach Interfacing Scheme in Three Phase EMU	CoE Kavach Letter 09.01.2025	CoE observations on the Kavach interfacing scheme for three phase EMUs.	2025-01-09	CoE Kavach (IRISET)	RDSO intranet - being processed
Final Report of the Railway Board Committee on Additions/Modifications in G&SR for Train Operations with IR-ATP (Kavach)	Railway Board Letter	Final report of the Railway Board committee constituted in 2022 to recommend additions and modifications in G&SR for train operations with Kavach.		Railway Board	Live
Guidelines for Finalization of Communication Mandatory Areas in Kavach Version 3.2 and 4.0 - Zonal Reply to RDSO Agenda	Zonal Railway Letter 27.10.2023	Point-wise zonal reply to RDSO six-point agenda for Kavach meeting on 27/10/2023, on communication mandatory areas for versions 3.2 and 4.0.	2023-10-27	Zonal Railway	Live
Minutes of Meeting on Provision of Kavach in Train Set Rakes, EMUs and MEMUs (19.03.2022)	Integral Coach Factory, Chennai ICF Letter No. MD/D/Trainset/RB contract/186G (23.03.2022)	Minutes of a meeting among ICF, RDSO, SCR and firms on provision of Kavach (TCAS) in new prototype train set rakes, EMUs and MEMUs.	2022-03-23	Integral Coach Factory, Chennai	Live
Provision of Onboard Kavach in EMU	Integral Coach Factory, Chennai ICF Letter No. MD/DSS/AC/MEMU/186 B (26.04.2022)	Letter from Integral Coach Factory to RDSO on provision of onboard Kavach in EMU.	2022-04-26	Integral Coach Factory, Chennai	Live
CoE Letter - Dissimilarity in Three Phase Locomotive Interface Circuits across OEMs and Need for Additional Features	CoE Kavach Letter 06.03.2023	CoE letter on differences between OEM interface circuits for three phase locomotives and need for additional features.	2023-03-06	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Frequency Planning for Kavach using mComm for Kolkata-Delhi-Mumbai Mission Raftaar Section	IRISET Letter 2023	IRISET CoE letter on frequency channels and timeslots for Kavach on mComm, with 10 additional channels assigned by Railway Board and reuse on adjacent stations.	2023	IRISET	RDSO intranet - being processed
CoE Letter - Kavach Training Module for S&T Technicians at Zonal Training Schools	CoE Kavach Letter 18.09.2024	Letter forwarding the Kavach course programme, presentations and reading material for S&T technicians, with the training module on stationary Kavach.	2024-09-18	CoE Kavach (IRISET)	Live
CoE Letter - Kavach-TCAS: Allotment of Same Station IDs to Different Stations by Zonal Railway (KMS)	IRISET Letter 2023	IRISET CoE letter on duplicate Kavach station IDs on Western Railway and the need for the Key Management Server to reject duplicate registrations.	2023	IRISET	RDSO intranet - being processed
CoE Letter - Kavach: Early Transition to LS Mode within 10 Seconds	IRISET Letter 18.12.2023	IRISET CoE letter analysing an HBL Kavach event log in which the loco moved from full supervision to limited supervision after loss of 15 packet cycles from the station.	2023-12-18	IRISET	RDSO intranet - being processed
CoE Letter - Need for Augmentation in EMU BIU to Inhibit Auto Restoration of	CoE Kavach Letter 31.10.2022	IRISET CoE letter on augmenting the EMU brake interface unit to inhibit automatic restoration of	2022-10-31	CoE Kavach (IRISET)	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Traction		traction.			processed
CoE Letter - Optimization of Braking Logics of Kavach	CoE Kavach Letter 2023	CoE letter on optimizing Kavach braking logics, referring to attention towards restrictive aspects of signals.	2023	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Possibility of Incorrect Detection of Emergency Exhaust Cut-out Cock in Three Phase Locomotives and EMUs	CoE Kavach Letter 06.03.2023	CoE letter on incorrect detection of the emergency exhaust cut-out cock in three phase locomotives and EMUs under the Kavach mode transition table.	2023-03-06	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Response to Clarifications Sought by WCR	CoE Kavach Letter 04.07.2023	CoE response to West Central Railway clarifications on declaring Kavach commissioning on the Nagda-Mathura section.	2023-07-04	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Verification of Gradient Data in Kavach	CoE Kavach Letter 18.10.2022	IRISET CoE advice on verifying gradient data after a gradient discrepancy was noticed in a document.	2022-10-18	CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach: Comments to ER on Sample RFID Tag TIN Layout	IRISET CoE Letter dated 02.11.2022	IRISET CoE letter of 2 November 2022 with comments to Eastern Railway on a sample Kavach RFID tag TIN layout; no text available.	2022	IRISET	RDSO intranet - being processed
Kavach: Observations on Medha Loco Simulator at Site for Testing Stationary Kavach	IRISET CoE Letter dated 25.07.2023	IRISET CoE letter of 25 July 2023 with observations on the Medha loco simulator used at site for testing stationary Kavach; no text available.	2023	IRISET	RDSO intranet - being processed
CoE Letter on Analysis of NCR SPAD Prevention Tests of Kavach	CoE Kavach Letter	CoE letter analysing four SPAD tests in NCR, covering speed increase during brake intervention, locomotive S/R interlock messages and traction cut off.		CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter on Kavach Extension of Movement Authority up to Approach Locking Section	CoE Kavach Letter 31.12.2023	CoE letter reiterating that movement authority beyond a signal on approach should be based on the approach locking section, with a worked example from Vadodara.	2023-12-31	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter on Kavach Implementation of Health Monitoring and Alerts	CoE Kavach Letter 15.12.2023	CoE letter asking that health monitoring, alarm and alert features provided in Kavach Ver 3.2 be implemented by OEMs from the start in Ver 4.	2023-12-15	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter on Option of Switching Off Signal Aspect Display on Kavach DMI and Using HR/HHR/DR Instead of ECR	CoE Kavach Letter 31.12.2023	CoE letter asking that specifications provide for switching off signal aspect display on the DMI and an option of using HR/HHR/DR instead of ECRs.	2023-12-31	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter on Software Logic Issue Resulting in Train Getting Linked to Next Signal Unsafely	CoE Kavach Letter	CoE IRISET letter on a Kavach software logic issue in which the train gets linked to the next signal; no text is available.		CoE Kavach (IRISET)	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
CoE Letter on Use of Two Tags of the Same RFID Tag Set for Direction	IRISET Letter	CoE letter asking RDSO to clarify and amend the drawing and Annexure-F on spacing of RFID tags of a tag set used for direction, to avoid rework at site.		IRISET	RDSO intranet - being processed
CoE Letter Sharing Presentation on Installation Irregularities during Kavach Implementation	CoE Kavach Letter 27.11.2023	CoE letter forwarding the 26 November 2023 presentation at IRISET listing typical irregularities noticed during Kavach implementation.	2023-11-27	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to CELE/SCR on Use of Non-Standard Choke and BP Dropping Time in WAP4 Locomotive	CoE Kavach Letter 07.11.2023	CoE letter on variable brake pressure dropping time during Kavach braking traced to less than 6mm choke in the relay valve exhaust of a WAP4 locomotive.	2023-11-07	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to CLW on Cable Index for Fitment of Kavach in Three Phase Electric Locomotives	CoE Kavach Letter 25.09.2023	CoE/IRISET letter to CLW on the cable index for Kavach fitment in three phase locomotives, asking CLW to freeze the corrected cable index as final.	2023-09-25	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to Kernex on Kavach Undue Increase of Movement Authority Linking with Wrong Signal	CoE Kavach Letter 27.11.2023	CoE letter to Kernex on a loco event at Marpalli where movement authority kept increasing after communication loss because the old signal route ID was retained.	2023-11-27	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to Knorr-Bremse on Review of Technical Description of CCB Electric Locomotive Brake Interface with TCAS	CoE Kavach Letter 11.03.2024	CoE remarks on the Knorr-Bremse technical description of the CCB locomotive brake interface with TCAS, clause by clause.	2024-03-11	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to Knorr-Bremse on Review of Technical Proposal for TCAS/Kavach Interface with CCB	CoE Kavach Letter 04.10.2023	CoE letter giving observations on the Knorr-Bremse technical proposal for the TCAS/Kavach interface with CCB brake system and asking for a corrected proposal.	2023-10-04	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to Medha on Delay in BP Dropping during Kavach ATP Brake Application through IRAB BIU	CoE Kavach Letter 03.10.2023	CoE letter to Medha Servo on delay in brake pipe dropping when Kavach applies brakes through the Medha IRAB brake interface unit, with test results on a locomotive.	2023-10-03	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to PCSTE/SCR on Signal Crossing Incidents in Kavach Fitted Conventional EMUs during Certification Trials	CoE Kavach Letter 06.10.2023	CoE letter on EMUs stopping after crossing a signal at danger during SPAD prevention tests, with root cause and the modification to prevent automatic traction restoration.	2023-10-06	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Conflicting RFID Tags and Undue SoS at Turnouts En-route	CoE Kavach Letter	CoE letter on unwarranted reading of RFID tags on non-en-route turnouts causing undue SoS, and the need to ignore conflicting turnout tags uniformly across Kavach products.		CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Kavach Interface with Electric Locomotives and Automatic	CoE Kavach Letter 07.04.2025	CoE letter asking RDSO to clarify whether Kavach brake commands are active high or low and to have	2025-04-07	CoE Kavach (IRISET)	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Restoration of Traction in Vande Bharat		TCMS inhibit traction while Kavach demands traction cut off.			processed
CoE Letter to RDSO on Roll Away Protection Detection in Conventional EMU with Annexures	CoE Kavach Letter 14.02.2024	CoE letter reporting that the Kavach roll away protection feature did not work in a conventional EMU test, explained by the reverser status circuit logic.	2024-02-14	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter to RDSO on Trial for Finalization of Kavach Braking Configuration Parameters	CoE Kavach Letter 16.12.2023	CoE reply to RDSO on trials to finalize Kavach braking parameters for WAP-4, WAP-7, WAG-9 locomotives and WAP-5/WAP-7/VB trains, and on CoE responsibilities and staffing.	2023-12-16	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Reminder Letter to RDSO on Uniform Kavach Braking Algorithm and Parameters across OEMs	CoE Kavach Letter 12.03.2024	CoE letter reminding RDSO to ensure uniform braking algorithm and parameters across Kavach OEMs, comparing approved WAP-7 LE parameters.	2024-03-12	CoE Kavach (IRISET)	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Commissioning of Kavach and Other Works Ensuring Matching with Other Systems	IRISET Letter 31.01.2023	IRISET CoE draft policy to Railway Board on keeping Kavach data matched with site changes such as yard remodelling and LC gates.	2023-01-31	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Commissioning of Kavach in Mission Raftaar Section with Spec Version 4 and Version 3.2	IRISET Letter 09.06.2023	IRISET CoE letter asking RDSO for action on commissioning Kavach where RFID tags follow Spec Ver 4 but station and onboard firmware are not yet approved.	2023-06-09	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Delay in BP Dropping during Application of Brakes through Kavach BIU in Loco 22592	IRISET Letter 09.06.2023	IRISET CoE letter to Medha on delayed brake pipe dropping on Kavach brake application in a loco, traced to the BIU A9 control module.	2023-06-09	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Higher Info Rate (QAM) Radio Modem for Kavach on MComm Radio Backbone	IRISET Letter 04.03.2023	IRISET CoE letter to Kavach OEMs on developing a higher data rate QAM radio modem for the MComm backbone to reduce latency and increase capacity.	2023-03-04	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach-EI Interface and Resolving Existing Anomalies in Kavach Installation in IRISET Lab	IRISET Letter 15.12.2022	IRISET CoE letter to Kavach and EI OEMs seeking station Kavach simulators and fixes in IRISET labs after a Kavach-EI interface demonstration over OFC.	2022-12-15	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Approval of Products with Functionally Dissimilar Timeouts from Different Makes	IRISET Letter 20.12.2023	IRISET CoE letter to RDSO noting that Kernex and Medha onboard Kavach use different timeouts for transition to limited supervision despite approval to the same specification.	2023-12-20	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Frame Offset Field in the Radio Packet Structure	IRISET Letter 31.01.2024	IRISET CoE letter to RDSO requesting two-way implementation of the frame offset field in Kavach radio packets between onboard and stationary units.	2024-01-31	IRISET	RDSO intranet - being processed

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IRISET/CoE/Kavach/Misc - Kavach: Measures to Eliminate Undue Braking (Improper Braking Logic Parameters)	IRISET Letter 29.05.2022	IRISET CoE letter to RDSO after a performance review found 49 of 52 Kavach brake applications undue, proposing a uniform braking algorithm and tighter margins near end of authority.	2022-05-29	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Overlapping of Communication Zone of Adjacent Stationary Kavach Units	IRISET Letter 17.12.2023	IRISET CoE letter to RDSO advising that Spec Ver 4 explicitly preserve radio overlap between adjacent stationary Kavach units for seamless make-before-break transition.	2023-12-17	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Reckoning of Overlap Track while Assessing Movement Authority	IRISET Letter 20.01.2023	IRISET CoE letter to zonal railways advising that RDSO amendment now requires overlap track to be reckoned in movement authority in automatic signalling territory.	2023-01-20	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Speeds Used in Field Trials, SPAD Prevention and Other Tests (WCR overshoot at 130 and 110 kmph)	IRISET Letter 24.07.2023	IRISET CoE letter to WCR on SPAD prevention tests at 130 kmph where approved braking parameters cover only 110 kmph, with observed overshoots.	2023-07-24	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Moving Block: Field Concept Trial for Auto Traction using Kavach Hardware (G.G. Tronics)	IRISET Letter 29.01.2024	IRISET CoE letter to Railway Board reporting field concept trials of automatic traction with G.G. Tronics Kavach hardware towards a moving block on the Kavach platform.	2024-01-29	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Optimization of Kavach Braking Logics and Parameter Setting through Field Trials	IRISET Letter 31.10.2022	IRISET CoE letter to Kavach OEMs on standardising and optimising Kavach braking, summarising stopping distances from SPAD prevention field trials.	2022-10-31	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Testing of Medha RFID Reader with Updated Firmware in Locomotives	IRISET Letter 21.02.2023	IRISET CoE letter to RDSO reporting joint testing with Medha of an RFID reader with updated firmware, in which unwarranted reading was not noticed.	2023-02-21	IRISET	RDSO intranet - being processed
IRISET/CoEKavach/Misc - List of Stationary and Onboard Kavach Documents	IRISET Letter 29.08.2022	IRISET letter listing the documents to be kept at stations and on locomotives for Kavach, as directed by the Railway Board minutes.	2022-08-29	IRISET	Live
Joint Procedure Order for SPAD Prevention and Other Testing of TCAS Field Trials by RDSO	IRISET Letter 2023	Joint procedure order setting out how station masters and Loco Pilots conduct SPAD prevention tests during RDSO Kavach (TCAS) field trials.	2023	IRISET	RDSO intranet - being processed
Joint Procedure Order for SPAD Prevention Testing of TCAS Field Trials by RDSO	Letter	Joint procedure order for deliberately staged SPAD prevention tests during TCAS field trials by RDSO.			Live
Migration to Ver 4 in Mission Raftaar Section	IRISET Kavach Joint RDSO-CoE Procedure dated 11.09.2023	Joint RDSO and CoE procedure of 11 September 2023 for migration to Kavach Spec Ver 4 in the Mission Raftaar section; no text available.	2023	IRISET	RDSO intranet - being processed

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Maximum Number of Onboard Kavach Units	IRISET Kavach TCAS CoE-RDSO Joint Letter dated 31.07.2023	Joint letter of CoE and RDSO dated 31 July 2023 on the maximum number of onboard Kavach units; no text available.	2023	IRISET	RDSO intranet - being processed
Distribution of Responsibility for Implementation of Automatic Train Protection (TCAS/Kavach)	Railway Board Letter No. 2014/Sig/TCAS/Status/Loose/Pt. dated 28.06.2019	Railway Board letter to General Managers on distribution of responsibility for implementing automatic train protection systems such as TCAS.	2019-06-28	Railway Board	Live
Provision of Kavach Ready Interfaces in Electronic Interlocking	Railway Board Letter No. 2018/Sig/18/EI/Gen. dated 04.09.2024	Railway Board letter on provision of Kavach ready interfaces in electronic interlocking.	2024-09-04	Railway Board	Live
IR-wide Campaign for Gradient Verification of Station Yards and Sections, 01.02.2024	Railway Board Letter No. 2022/CE-II/Safety/SRM/GVSY	Railway Board letter on an IR-wide campaign for gradient verification of station yards and sections, related to Kavach adoption.	2024-02-01	Railway Board	Live
Location of Kavach / LTE Tower	Railway Board Letter No. 2022/CEDO/SD/1RSOD-2022/0/ACS dated 01.03.2023	Railway Board letter to General Managers on the location of Kavach / LTE towers, following zonal railway references.	2023-03-01	Railway Board	Live
Process of Initial Survey for Kavach System Design Inputs	Railway Board Letter No. 2023/S&T/Dev/Kavach Corres. dated 21.07.2025	Railway Board letter to General Managers on the process of initial survey for Kavach system design inputs.	2025-07-21	Railway Board	Live
Finalisation of Location/Fitment of KAVACH DMI in Various Types of Locomotives	Railway Board Letter No. 2024/Elect.(TRS)/138/3 (KAVACH)	Railway Board letter circulating the inter-departmental committee report RDSO/2021/EL/RM/0197 and its accepted recommendations on Kavach DMI location in locomotives.	2021-12-16	Railway Board	Live
Monsoon Precautionary Measures for Reliable Functioning of Loco Kavach Systems	Railway Board Letter No. 2025/S&T/Dev/Kavach.Performance dated 05.06.2026	Railway Board letter to PCSTEs on monsoon precautions for reliable functioning of Loco Kavach systems.	2026-06-05	Railway Board	Live
Letter to CRIS on Integration of Kavach TSR Module and Control Office Application, with RDSO Letter	Railway Board Letter 02.02.2024	Railway Board letter asking CRIS to examine integration of the Kavach temporary speed restriction module with the Control Office Application, with the related RDSO letter to OEMs.	2024-02-02	Railway Board	RDSO intranet - being processed
Provision of CUG SIMs for Train Collision Avoidance Systems (TCAS)	Railway Board Telecom Circular No. 1/2018	Railway Board letter to DG RDSO on providing CUG SIMs for TCAS.	2018-01-19	Railway Board	Live
Application Specific Joint Safety Report for EI-Kavach Interface	RDSO Letter 14.10.2026	RDSO letter conveying the approved format of the joint safety certificate for the EI-Kavach interface.	2026-10-14	RDSO	RDSO intranet - being processed
Approval of HBL Loco Kavach Braking Configuration Parameters Manual	RDSO-SIG0KVCH(HBL)/1/2024	RDSO letter approving the Loco Kavach configuration parameters manual of HBL Engineering Limited.	2025-08-08	RDSO	Live

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Standard Operating Procedure for Generic Product Approval of KAVACH	RDSO Document No. 1506 Version 2.0	RDSO standard operating procedure for generic product approval of Kavach, effective 25.09.2025.	2025-09-25	RDSO	Live
Kavach Distance Margin for Rear End Collision Avoidance (Stopping Distance Margin)	CoE Kavach Letter 26.08.2022	RDSO letter on the distance margin for rear end collision avoidance in Kavach, following Railway Board discussions.	2022-08-26	CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach: Configuration and Programming of RFID, Permanent Locking of RFID Data before Final Testing	CoE Kavach Letter 27.08.2022	Letter on configuration and programming of Kavach RFID tags and permanent locking of RFID data before commissioning.	2022-08-27	CoE Kavach (IRISET)	RDSO intranet - being processed
Standard Layouts for Installation of KAVACH (IR-ATP) in Conventional WAG-7 Locomotives	RDSO Letter No. EL/0.1.3/3 (03.05.2024)	RDSO letter on modified on-board Kavach fitment layouts for WAG-7 class locomotives, including radio units, pulse generators, LTE equipment and antenna locations.	2024-05-03	RDSO	Live
Standard Layouts for Installation of KAVACH (IR-ATP) in Conventional WAP-4 Locomotives	RDSO Letter No. EL/0.1.3/3 (14.05.2024)	RDSO letter on revised on-board Kavach layouts for WAP-4 class locomotives, introducing new layouts SKEL-5079 and SKEL-5080 and antenna base layouts.	2024-05-14	RDSO	Live
Provisionally Approved Layouts/Drawings for Fitment of On-board KAVACH Equipment on Electric Locomotives	RDSO Letter No. EL/0.1.3/3 (14.07.2022)	RDSO electrical directorate letter listing provisionally approved on-board Kavach layouts for various electric locomotive classes, including auto-regression circuit and new WAP4 layouts.	2022-07-14	RDSO	Live
KAVACH Equipment Installation Layout Drawings for 3-Phase WAP-7/WAG-9 Locomotives	RDSO Letter No. EL/0.1.3/3 (27.08.2025)	RDSO letter provisionally approving revised on-board Kavach layouts SKEL-5093 (WAG-9) and SKEL-5094 (WAP-7 with hotel load converter) for locomotives built by production units.	2025-08-27	RDSO	Live
KAVACH Equipment Installation Layout Drawings for Conventional WAG-7/ARNO Locomotives	RDSO Letter No. EL/0.1.3/3 (27.08.2025)	RDSO letter provisionally approving on-board Kavach equipment layouts and antenna base locations for WAG-7 (crew and non-crew friendly with ARNO) locomotives, drawing SKEL-5092.	2025-08-27	RDSO	Live
EP Brake Interface Unit for Onboard KAVACH with Conventional AC EMU/MEMU	RDSO Letter No. EL/0.3.1/TCAS (10.04.2023)	RDSO letter approving drawing SDO/S&T/KAVACH/009/ALT-1 for interfacing Kavach with service and emergency brake application on conventional AC EMU/MEMU.	2023-04-10	RDSO	Live
Installation Drawings for Fitment of Kavach (IR-ATP) in Conventional and Three Phase EMUs	RDSO Letter No. EL/0.3.1/TCAS (06.12.2023)	RDSO letter to the coach factories on installation drawings for fitment of Kavach (IR-ATP) in conventional and three phase EMUs.	2023-12-06	RDSO	Live
Co-ordination of Frequency Spot in 400-450 MHz Band for Indian Railway TCAS	RDSO Letter No. RDSO-SIG0TCAS(GEN)/1/2020	RDSO letter to South Central Railway deciding to retain the old Kavach frequencies for new projects after trial of a new frequency gave low signal strength.	2020-07-28	RDSO	Live

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Registration of Onboard / Stationary Kavach and TSR System in Key Management Server	RDSO Letter No. RDSO-SIG0TCAS(KMS)/1/2023 dated 12.05.2023	RDSO letter to PCSTEs on registering onboard Kavach, stationary Kavach and TSR system in the Key Management Server.	2023-05-12	RDSO	Live
Kavach Interface Drawing with 3-Phase EMU (V2) and Trainset	RDSO Letter No. RDSO-SIGOTCAS(ME)01/2020	RDSO Signal Directorate letter on the Kavach interface drawing with 3-phase EMU (Version 2) and trainset.	2023-01-04	RDSO	Live
Report on Testing, Trial and Validation of Kavach Universal Braking Algorithm (UBA)	RDSO Letter No. RDSO/1415/2025 dated 15.09.2025	RDSO letter to Railway Board forwarding a report on methodology and requirements for testing, trial and validation of the Kavach Universal Braking Algorithm.	2025-09-15	RDSO	Live
Installation Plan at Loco Shed for Testing Onboard Kavach	RDSO Letter RDSO-SIG0TCAS(Medh)1/2024	RDSO letter to the PCEEs of zonal railways on the installation plan at loco sheds for testing onboard Kavach.	2026-05-21	RDSO	Live
Use of National Values for the Kavach Specification Ver 3.2 and 4.0	RDSO Letter RDSO-SIGOTCAS(SPN)/1/2022	RDSO letter advising Kavach OEMs to use the national values of Kavach in both version 3.2 and version 4.0 installations.	2024-09-02	RDSO	Live
Motive Power Directorate Letter No. SD.Dev.ETCS - Kavach Fitment Drawings for HHP and Alco Diesel Locomotives	RDSO Letter 06.08.2025	Motive Power Directorate letter issuing provisionally approved Onboard Kavach equipment layout drawings for HHP and Alco diesel locomotives.	2025-08-06	RDSO	Live
Auto-Regression Circuit for Kavach Fitted with AC Conventional Locomotives (Drawing SKEL-5044 ALT 2.0)	RDSO Note No. EL/0.1.3/3 (20.10.2022)	RDSO note on correction of the auto-regression circuit diagram for Kavach fitted AC conventional electric locomotives, renaming Q51 relay and adding a Q51 relay in the rear loco.	2022-10-20	RDSO	Live
Provision of Kavach Interfaces in Electronic Interlocking	RDSO-SIG0MISC(GEN)/1/2021 Part(1)	RDSO letter to Railway Board proposing a Kavach port in electronic interlocking for integrating stationary Kavach.	2024-08-17	RDSO	Live
Approval of Kernex for List of Vendors for Development Orders of Train Collision Avoidance System	RDSO-SIG0TCAS(KERX)-1-2020	RDSO approval of Kernex for the list of vendors for development orders of TCAS per RDSO/SPN/196 version 3.2.	2021-07-05	RDSO	RDSO intranet - being processed
RFID Reader Height and Software Update	RDSO Letter RDSO-SIG0KVCH(GEN)/2/2024	RDSO letter to Kavach firms on RFID reader height and software update.	2026-03-10	RDSO	Live
SCR Checklist for Statutory Sanction - Provision of Kavach in Mudkhed-Secunderabad-Dhone-Guntakal Section (612 RKM) and 112 Locomotives	South Central Railway (Dy CSTE/Projects/Tele, Secunderabad) Letter	South Central Railway checklist for statutory sanction of the Kavach work in the Mudkhed-Secunderabad-Dhone-Guntakal section and onboard Kavach in 112 locomotives under RDSO/SPN/196/2012 Ver 3.2.		South Central Railway (Dy CSTE/Projects/Tele, Secunderabad)	Live
Book of Rules for PCSTE Sanction of Kavach Implementation on Indian Railways	RDSO SIF 0592 Ver 1.0	RDSO book of rules for PCSTE sanction of Kavach implementation, covering section details, system description and stationary Kavach details.	2024-03-15	RDSO	Live

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Book of Rules for PCSTE Sanction of Non-Signalling Based Kavach Implementation on Indian Railways	RDSO SIF 1519 Ver 1.3	RDSO letter forwarding the revised book of rules for PCSTE sanction of non-signalling based Kavach implementation, effective 16.06.2026.	2026-06-16	RDSO	Live
Joint Procedure Order - Operation of IR-ATP (Kavach) by Loco Pilots and Station Masters (16.12.2025)	West Central Railway Letter 16.12.2025	Joint procedure order of CSTE, CSE, CELE and CTPM, West Central Railway, on operation of Kavach by Loco Pilots, Assistant Loco Pilots and Station Masters.	2025-12-16	West Central Railway	Live

Other Kavach (50)

Title	Doc no.	Subject	Issued	Issuer	Status
A Brief on KAVACH (IRATP) - presentation	Presentation	Presentation giving a brief on Kavach, covering its RDSO specification, features, system overview and deployment.			Live
Brief on Kavach (IRATP) - Hindi Translation	Unnumbered	Hindi translation of the slide-by-slide brief on Kavach, covering the RDSO specification, deployment plan, features and system overview.			Live
CoE Letter - Kavach: Implementation of Standard Uniform Braking Algorithm, Minutes and Sample	CoE Kavach Letter 06.03.2025	Minutes of meeting on implementation of the standard uniform braking algorithm for Kavach, with annexures.	2025-03-06	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Note of Kavach Footplate Inspection in ECR (AUBR-DEO, Anugrah Narayan Road-Dev Deo Road)	CoE Kavach 2024	CoE note of footplate inspection of Kavach installation in East Central Railway carried out on 12.06.2024.	2024	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Notes of Onboard Kavach Workshop at CoE-IRISET with CELEs, OEMs, RDSO and PUs	CoE Kavach 06.06.2024	Notes of the CELEs' workshop on onboard Kavach held at CoE/IRISET on 5 and 6 June 2024.	2024-06-06	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Use Case - Station Section TIN Repetition Causing Head On Collision Detection, Western Railway	IRISET 11.06.2026	CoE use case on a train detained at Chavaj when the same TIN was occupied at adjacent station Bharuch, causing head on collision detection and emergency brake.	2026-06-11	IRISET	RDSO intranet - being processed
Kavach Rear End Collision Detection at LC48 - Gurap, Eastern Railway	CoE Use Case 01/2026	CoE use case with failure details and root cause analysis of a Kavach rear end collision trip on the HWH-BWN section on 4 March 2026.	2026-03-04	CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach Trip Mode at Border Tag, Eastern Railway	CoE Use Case 03/2026	CoE use case with root cause analysis of a Kavach trip and emergency brake near a border tag between Kamarkundu and Baruipara due to handing over logic.	2026	CoE Kavach (IRISET)	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Kavach Trip due to RF Issue, Western Railway	CoE Use Case 06/2026	CoE use case with root cause analysis of a Kavach trip at Lakodra station caused by loss of radio packets while the loco passed a signal.	2026	CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach Odometry Error, Eastern Railway	CoE Use Case 07/2026	CoE use case with root cause analysis of a Kavach trip on the BWN-GRP block section linked to odometry error and a speed sensor fault.	2026-03-27	CoE Kavach (IRISET)	RDSO intranet - being processed
Wrong Logic of Virtual Signal, West Central Railway	CoE Use Case 08/2026	CoE use case on a train detained at Kota Junction due to incorrect virtual signal SV28 logic in Kavach application software.	2026-06-05	CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach Trip Mode due to Odometry Error, Eastern Railway	CoE Use Case 10/2026	CoE use case on a Kavach trip at Asansol where a missed signal foot tag with odometer doubt led to trip mode and emergency brake.	2026-06-08	CoE Kavach (IRISET)	RDSO intranet - being processed
Blank Aspect due to OFC Cut, Eastern Railway	IRISET CoE Use Case 11/2026	CoE use case on a train detained at Barachak after an OFC cut caused a blank aspect to be processed as red and full service brake applied.	2026-06-09	IRISET	RDSO intranet - being processed
Non-Acknowledgement of Block Stoppage SoS, Western Railway	IRISET CoE Use Case 12/2026	CoE use case on a full service brake application when the loco pilot did not acknowledge a block section stoppage SoS within the mandatory time.	2026-06-17	IRISET	RDSO intranet - being processed
Kavach Trip Mode at Border Tag, Western Railway	CoE Use Case 13/2026	CoE use case on a train detained near LC-294 when the border signal turned red during handing over, causing trip mode and emergency brake.	2026-06-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Trip due to Same TIN at Adjacent Stations ASN and KPK, Eastern Railway	CoE Use Case 15/2026	CoE use case on a Kavach trip at Asansol caused by the same TIN being assigned to adjacent stations, resulting in signal out of correspondence.	2026	CoE Kavach (IRISET)	RDSO intranet - being processed
Signal Out of Correspondence Issue, West Central Railway	CoE Use Case 16/2026	CoE use case on full service brake application at Kapren-Arnetha when an invalid signal aspect combination not in the Kavach table of control caused signal non-correspondence.	2026-06-05	CoE Kavach (IRISET)	RDSO intranet - being processed
Foreign Tag Detection after Three Tags Missed, West Central Railway	IRISET CoE Use Case 17/2026	CoE use case on a loco that missed three consecutive tags, detected a foreign tag and applied full service brake at Indargarh Sumerganj Mandi.	2026-05-20	IRISET	RDSO intranet - being processed
Incorrect Location Correction Leading to Trip Mode, Western Railway	CoE Use Case 18/2026	CoE use case on a Kavach trip between Udhna and Bhestan caused by incorrect processing of location adjustment tag data in onboard software.	2026	CoE Kavach (IRISET)	RDSO intranet - being processed
Implementation of Wrong TIN in Application Logic at Thaparnagar, Eastern Railway	IRISET CoE Use Case 19/2026	CoE use case on emergency brake application at Thaparnagar after signal S2 turned red because a wrong TIN was mapped in the application data.	2026-07-23	IRISET	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Interoperability Issue of HBL L-Kavach in Medha S-Kavach Section	CoE-14/2026	CoE note on failures of HBL locomotive Kavach in a Medha station Kavach section on the PWL-NZM section.	2026	CoE Kavach (IRISET)	RDSO intranet - being processed
Loco Pilot Operating Manual for Kavach Spec Ver 3.2 (Kavach Training Guide)	CoE/Kavach/2024/004 Issue 2.0	Loco Pilot operating manual and training guide for onboard Kavach specification version 3.2.	2024-09	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff	CoE/Kavach/2024/009 Issue 1.0	Hindi pre-training reading module on Kavach, the Indian Railways automatic train protection system, for S&T staff.	2024	CoE Kavach (IRISET)	Live
Independent Safety Assessment of Medha MCA110 Train Collision Avoidance System (TCAS)	IND.MTCAS/OR052/21 AS/01 Rev 1.0 (06.03.2024)	Independent safety assessment report of the Medha MCA110 train collision avoidance system for a specific application on an SCR project.	2024-03-06		Live
IRATP Kavach Presentation	Introduction (9.12.2025)	Introductory presentation on IRATP Kavach; extracted text is only slide template text.	2025-12-09		Live
Joint Note CoE and RDSO - Frequency Planning Requirement in Ver 4 for SCR Mission Raftaar Kolkata-Delhi-Mumbai Ongoing Works	CoE Kavach	Joint note by CoE and RDSO on Kavach frequency planning requirements in version 4; text not available.		CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach Braking Parameters for 12-Car EMU, Conventional and 3-Phase (EBD and FSBD Tables)	Unnumbered	Undated tables of emergency and full service braking distances for 12-car EMU consists, without a cover note.			Live
Loco Pilot Kavach Operating Manual Version 4.0	CoE Kavach Manual	Loco Pilot operating manual for Kavach version 4.0 in English.		CoE Kavach (IRISET)	RDSO intranet - being processed
Guidelines for Tower Installations near Airports (Gazette of India Extraordinary)	Ministry of Civil Aviation Guidelines 14.01.2010	Gazette of India extraordinary notification of the Ministry of Civil Aviation on guidelines for tower installations near airports.	2010-01-14	Ministry of Civil Aviation	Live
Minutes of Meeting at CoE/IRISET on Integration of Kavach in Alstom WAG12B Locomotives with CCB 2.0 Brake System	CoE Kavach Minutes 02.09.2025	Minutes of the 02.09.2025 meeting on integrating Kavach in Alstom WAG12B locomotives with CCB 2.0 brakes.	2025-09-02	CoE Kavach (IRISET)	RDSO intranet - being processed
Minutes of Meeting at CoE/IRISET on Integration of Kavach in Siemens D9 (9000HP) Locomotives with ILS Brake System	CoE Kavach Minutes 02.09.2025	Minutes of the 02.09.2025 meeting on integrating Kavach in Siemens D9 locomotives with Wabtec ILS brake system.	2025-09-02	CoE Kavach (IRISET)	RDSO intranet - being processed
Minutes of Meeting dated 01.07.2026 on Mitigation of Operational Issue Related to Rear-End Collision SoS Handling in	Minutes 01.07.2026	Minutes of a meeting agreeing mitigation options so that a rear-end collision SoS event is cancelled in time when a leading train moves from block to	2026-07-01		RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Kavach		station section.			
Minutes of Meeting on Kavach Uniform Braking Algorithm held at CoE on 21 June 2024	CoE Kavach Minutes 21.06.2024	Minutes of the meeting on the Kavach uniform braking algorithm held at IRISET on 21 June 2024 with Kavach OEMs.	2024-06-21	CoE Kavach (IRISET)	RDSO intranet - being processed
Test Specification for BIU of CCB System in 3-Phase Electric Locomotives	RDSO Letter RDSO-SIGOTCAS(ME)/1/2020	RDSO Signal Directorate letter on the test specification for the brake interface unit of the CCB system in 3-phase electric locomotives.	2023-01-04	RDSO	Live
Kavach Braking Configuration Parameters for Train Set New Design, 16 Coaches	RDSO Motive Power Note SD.INV.5 (19.07.2022)	RDSO Motive Power Directorate note giving braking configuration parameters (EBD and FSBD tables) for a 16-coach new design train set.	2022-07-19	RDSO	Live
Kavach Braking Configuration Parameters for Vande Bharat 8-Car and 20-Car Formations	RDSO Motive Power Note SD.INV.5 (03.12.2024)	RDSO Motive Power Directorate note giving braking parameters (EBD tables) for Vande Bharat 8-car and 20-car formations.	2024-12-03	RDSO	Live
Kavach Braking Configuration Parameters for WAG-9 Locomotives	RDSO Motive Power Note SD.INV.5 (26.07.2023)	RDSO Motive Power Directorate cover note on braking parameters for WAG-9 locomotives in various configurations; tables are not machine-readable.	2023-07-26	RDSO	Live
Kavach Braking Configuration Parameters for WAG-9 with ICF and LHB Coach Formations	RDSO Motive Power Note SD.INV.5 (07.08.2023)	RDSO Motive Power Directorate note with emergency braking distance tables for a WAG-9 locomotive hauling ICF and LHB coach formations.	2023-08-07	RDSO	Live
Kavach Braking Configuration Parameters for WAP-4 and WAP-7 Light Engine	RDSO Motive Power Note SD.INV.5 (23.03.2022)	RDSO Motive Power Directorate note giving service and emergency braking tables for WAP-4 and WAP-7 locomotives.	2022-03-23	RDSO	Live
Kavach Braking Configuration Parameters for WAP-4 with ICF Coach Formations	RDSO Motive Power Note SD.INV.5 (02.08.2022)	RDSO Motive Power Directorate note with EBD and FSBD tables for a WAP-4 locomotive hauling ICF coaches.	2022-08-02	RDSO	Live
Kavach Braking Configuration Parameters for WAP-4 with LHB Coach Formations	RDSO Motive Power Note SD.INV.5 (06.06.2022)	RDSO Motive Power Directorate note with EBD and service braking tables for a WAP-4 locomotive hauling LHB coaches.	2022-06-06	RDSO	Live
Kavach Braking Configuration Parameters for WAP-5 with LHB Coach Formations	RDSO Motive Power Note SD.INV.5 (04.10.2024)	RDSO Motive Power Directorate note with EBD tables for WAP-5 locomotives with various LHB coach formations.	2024-10-04	RDSO	Live
Kavach Braking Configuration Parameters for WAP-7 Locomotives	RDSO Motive Power Note SD.INV.5 (07.11.2022)	RDSO Motive Power Directorate cover note on braking parameters for WAP-7 locomotives; tables are not machine-readable.	2022-11-07	RDSO	Live
Kavach Braking Configuration Parameters for WDG-3A and WDM-3D with BOXN	RDSO Motive Power Note SD.INV.5 (17.06.2022)	RDSO Motive Power Directorate note with EBD and service braking tables for WDG-3A and WDM-3D	2022-06-17	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Wagons		locomotives with 56 empty and 62 loaded BOXN wagons.			
Test Specification of BIU of E-70 Brake System in 3-Phase Electric Locomotives	RDSO Traction Directorate Note EL/3.2.19/3-Phase/TCAS/E-70 (20.01.2023)	RDSO Traction Directorate note approving the test procedure of the brake interface unit for the E-70 brake system.	2023-01-20	RDSO	Live
Committee Report on Integration of Displays and Their Locations (KAVACH DMI)	RDSO/2021/EL/RM/0197 (Rev.0)	Report of the inter-departmental committee constituted by Railway Board to finalise location and fitment of Kavach DMI in locomotives and amalgamation of multiple cab displays.	2021-12-01	RDSO	Live
RFID Layout Practice - Kavach Presentation	Presentation 2026	Presentation on RFID layout practice for Kavach (slide master text only in the given extract).	2026		Live
Towers Slides for Kavach, 10 October 2024 (presentation)	Presentation 10.10.2024	Presentation slides on towers in the Kavach context, dated 10 October 2024.	2024-10-10		Live
Webinar on Kavach - Drone and Field Survey	Unnumbered	Presentation on LiDAR and drone field survey methods for Kavach data, with accuracy requirements, advantages and challenges.			Live
WR PED/CoE Kavach Inspection Note - ADI-BRC Section	CoE Kavach 10.2024	Note of Kavach footplate inspection in the ADI-BRC section of Western Railway and visit to Vapi-Udvada, October 2024.	2024-10	CoE Kavach (IRISET)	RDSO intranet - being processed

Electronic interlocking (187)

OEM manuals & datasheets (73)

Title	Doc no.	Subject	Issued	Issuer	Status
Microlok II Communication Printed Circuit Board	Ansaldo STS USA 1D1.0026 Rev 2 (SM6800B)	Ansaldo STS USA module describing the Microlok II communication PCB, which connects the system to Ethernet networks through two ports.	2009-10	Ansaldo STS USA	Live
Microlok II Synchronization Printed Circuit Board	Ansaldo STS USA 1D1.0027 Rev 3 (SM6800B)	Ansaldo STS USA module describing the Microlok II synchronization PCB that links two units as a synchronized redundant pair.	2009-11	Ansaldo STS USA	Live
Microlok II Communication PCB Software	Ansaldo STS USA 1D1.0029 Rev 1 (SM6800D)	Ansaldo STS USA module describing Microlok II communication PCB software features, Ethernet connectivity and the Safe-P protocol in executive version 3.x.	2010-03	Ansaldo STS USA	Live
Microlok II Synchronization PCB Software	Ansaldo STS USA 1D1.0030 Rev 2 (SM6800D)	Ansaldo STS USA module describing Microlok II synchronization PCB software features for	2010-04	Ansaldo STS USA	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		synchronized redundant pairs in executive version 3.x.			
Ansaldo STS	Ansaldo STS USA MICROLOK II System Maintenance: Troubleshooting Guide, IT-1002 Rev 2.9	Ansaldo STS troubleshooting guide for MICROLOK II system maintenance covering errors, warnings, events, CPU and power supply.	2009-02	Ansaldo STS USA	Live
Ansaldo STS	Ansaldo STS USA MICROLOK II Troubleshooting Flowcharts, IT-1029 Rev 1.a	Ansaldo STS troubleshooting flowcharts for the MICROLOK II system.	2009-01	Ansaldo STS USA	Live
CMU User Manual	Efftronics Data Logger System (IRS:S:99/2006)	OEM user manual for the central monitoring unit of the data logger system, covering network management setup, communication settings and online working.		Efftronics Systems Pvt Ltd, Vijayawada	Live
Installation Manual	Efftronics Data Logger System (IRS:S:99/2006)	OEM installation manual for data logger, RTU and FEP covering power supply, inputs, outputs, communication and pre-commissioning checklists.		Efftronics Systems Pvt Ltd, Vijayawada	Live
Maintenance Manual (Hardware)	Efftronics Data Logger System (IRS:S:99/2006)	OEM hardware maintenance manual for the data logger covering logged data, digital and analog inputs, fault identification and other functions such as changing date and time.		Efftronics Systems Pvt Ltd, Vijayawada	Live
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 1 of 4 (pages 1-67)	OEM installation and maintenance manual for the GE VHLC hardware components, including modules, serial port modules and specifications.		GE Transportation Global Signaling	Live
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 2 of 4 (pages 68-134)	OEM installation and maintenance manual for the GE VHLC hardware components, including modules, serial port modules and specifications.		GE Transportation Global Signaling	Live
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 3 of 4 (pages 135-201)	OEM installation and maintenance manual for the GE VHLC hardware components, including modules, serial port modules and specifications.		GE Transportation Global Signaling	Live
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 4 of 4 (pages 202-268)	OEM installation and maintenance manual for the GE VHLC hardware components, including modules, serial port modules and specifications.		GE Transportation Global Signaling	Live
Electronic Interlocking System Manual	HIMA Safeconnect SC 016 SYSTEM 165 Rev 1.2	OEM system manual for the HIMA SafeConnect HIMax / HIMatrix electronic interlocking for Indian Railways.		HIMA Safeconnect	Live
HIMax Electronic Interlocking Installation Manual	HIMA Safeconnect SC 016 INST 164	OEM installation manual for the HIMA SafeConnect HIMax electronic interlocking for Indian Railways.		HIMA Safeconnect	Live

Title	Doc no.	Subject	Issued	Issuer	Status
HIMax Electronic Interlocking Maintenance Manual	HIMA Safeconnect SC 016 MNT 163	OEM maintenance manual covering recurring operating and maintenance activities for the HIMax electronic interlocking.		HIMA Safeconnect	Live
HIMA SILworX Programming Tool Manual	HIMA Safeconnect SC 016 SILWORX 166	OEM manual for the SILworX application software development tool for HIMax / HIMatrix electronic interlocking.		HIMA Safeconnect	Live
HIMatrix Manual for Railways (HI 801 673 E, 1.03)	HIMA Paul Hildebrandt GmbH Manual	HIMA manual on HIMatrix safety-related controllers for railway applications.		HIMA Paul Hildebrandt GmbH	Live
HIMatrix System Manual for Safety-Related Controllers	HIMA Paul Hildebrandt GmbH Manual	HIMA system manual for the HIMatrix safety-related controllers.		HIMA Paul Hildebrandt GmbH	Live
Medha MEI633 Electronic Interlocking System Manual	Medha Servo Drives IM-146 Rev 4.1 Ver 1.1 (11.2021)	Medha system manual for the MEI633 electronic interlocking covering description, subsystems, configuration and features per RDSO/SPN/192/2019.	2021-11	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Troubleshooting & Maintenance Manual	Medha Servo Drives IM-177 Rev 3.2 Ver 1.1 (12.2022)	Medha manual for troubleshooting, recovery and maintenance of the MEI633 electronic interlocking per RDSO/SPN/192/2019, with monthly maintenance schedule.	2022-12	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Startup Manual	Medha Servo Drives IM-178 Rev 3.1 Ver 1.1 (11.2021)	Medha manual on startup of the MEI633 electronic interlocking, covering initial checks, power on, indications, changeover and panel PC indications.	2021-11	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Installation and Commissioning Manual	Medha Servo Drives IM-192 Rev 2.1 Ver 1.1 (11.2021)	Medha manual for installation and commissioning of the MEI633 electronic interlocking per RDSO/SPN/192/2019, with checklists, power, wiring, earthing and OFC arrangements.	2021-11	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Configuration & Programming Guide	Medha Servo Drives IM-193 Rev 3.2 Ver 1.1 (11.2021)	Medha guide to printed circuit board configuration and application data programming of the MEI633 electronic interlocking per RDSO/SPN/192/2019.	2021-11	Medha Servo Drives	Live
Installation and Maintenance Practices for Electronic Interlocking - Siemens (Day 2 Session 1)	Siemens Limited Manual	Siemens presentation agenda on EI installation and maintenance, covering cable segregation, VDU PC maintenance, voltage logging, material storage and WESTRACE Mk2 cards.		Siemens Limited	RDSO intranet - being processed
Invensys Rail WESTRACE EI for Indian Railways (VLM6 / MK-1) - Installation Manual Issue 2.0	Invensys Rail Systems India Manual 03.12.2012	Invensys Rail installation manual for the WESTRACE electronic interlocking for Indian Railways, covering WESTRACE and WESTRONICS S2 modules.	2012-12-03	Invensys Rail Systems India	Live
Maintenance Procedure for Kyosan K5BMC and K5D Electronic Interlocking System	Kyosan India Pvt Ltd KI-EI-001 Ver 00 (08.05.2024)	Kyosan maintenance procedure for K5BMC and K5D electronic interlocking, Document No. KI-EI-001 Version 00.	2024-05-08	Kyosan India Pvt Ltd	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Installation Procedure for Kyosan K5BMC and K5D Electronic Interlocking System	Kyosan India Pvt Ltd KI-EI-002 Ver 00 (31.05.2024)	Kyosan installation procedure for K5BMC and K5D electronic interlocking, Document No. KI-EI-002 Version 00.	2024-05-31	Kyosan India Pvt Ltd	Live
Procedure for Implementation of Cyber Security TAN for Kyosan K5BMC and K5D EI	Kyosan India Pvt Ltd KI-TAN-001 Ver 00 (22.11.2023)	Kyosan procedure for implementing the cyber security technical advisory note on K5BMC and K5D electronic interlocking.	2023-11-22	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI - DO's and DON'Ts (R02)	Kyosan India Pvt Ltd Manual	One-page list of do's and don'ts for handling the K5BMC electronic interlocking.		Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Interface Design (Training Slides)	Kyosan India Manual	Training slides on K5BMC electronic interlocking interface design, covering signals, points, crank handles, LX, block and axle counters.		Kyosan India	Live
Submission of EI-K5D Installation and Maintenance Manuals, Procedure and Checklist	Kyosan Letter KIPL/EI/RDSO/2895	Kyosan India letter to RDSO submitting installation and maintenance manuals, procedure and checklist for the K5D electronic interlocking.	2024-12-19	Kyosan India Pvt Ltd	Live
Marker Database PC Software v.2.0.0.1 User Manual	Komplex s.r.o. Manual 2019	Komplex s.r.o. user manual for the Marker Database PC software version 2.0.0.1.	2019	Komplex s.r.o.	Live
Medha MEI633 Electronic Interlocking Installation and Commissioning Manual	Medha Servo Drives MEI633 IACM-1.1 Ver 1.1 (15.07.2010)	Medha manual for installation and commissioning of the MEI633 electronic interlocking, including pre-commissioning checklist, wiring, earthing and testing.	2010-07-15	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Maintenance Terminal User Manual	Medha Servo Drives MEI633 MT UM 1.1 Ver 1.1 (10.07.2010)	Medha user manual for the maintenance terminal of the MEI633 electronic interlocking, describing menu options and screens.	2010-07-10	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking System Manual	Medha Servo Drives MEI633 SM 1.0 Ver 1.0 (03.02.2010)	Medha system manual for the MEI633 electronic interlocking describing its functions, subsystems and software.	2010-02-03	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Training Manual	Medha Servo Drives MEI633 TM-1.1 Ver 1.1 (04.07.2010)	Medha training manual for the MEI633 electronic interlocking covering subsystems, hardware, and troubleshooting.	2010-07-04	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Troubleshooting & Maintenance Manual	Medha Servo Drives MEI633 TMM-1.1 Ver 1.1 (15.07.2010)	Medha manual for troubleshooting and maintenance of the MEI633 electronic interlocking, covering subsystem components, controls and indications.	2010-07-15	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking System Overview	Medha Servo Drives MEI633-SYSOVR-1.0 Ver 1.0 (04.2010)	Medha system overview of the MEI633 electronic interlocking covering development, operation, hardware, software, communication and safety concept.	2010-04	Medha Servo Drives	Live
EI32SA/LA Electronic Interlocking	Nippon Signal Installation	Nippon Signal bilingual (Japanese/English)		Nippon Signal	Live

Title	Doc no.	Subject	Issued	Issuer	Status
	Manual, Doc. No. A-MA6008A-001 Rev A	installation manual for the EI32SA/LA electronic interlocking equipment.			
EI32SA/LA Electronic Interlocking	Nippon Signal Maintenance Manual, Doc. No. A-MA6008A-201 Rev B	Nippon Signal bilingual (Japanese/English) maintenance manual for the EI32SA/LA electronic interlocking equipment, covering system, self-diagnosis and handling.		Nippon Signal	Live
EI32SA/LA Electronic Interlocking	Nippon Signal Operation Manual, Doc. No. A-MA6008A-101 Rev A	Nippon Signal bilingual (Japanese/English) operation manual for the EI32SA/LA electronic interlocking equipment.		Nippon Signal	Live
MicroLok II 2/2 System Startup, Troubleshooting and Maintenance (Hitachi Rail STS)	Hitachi Rail STS SM 1A1.0003 Rev 2	Hitachi Rail STS manual on cardfile controls and indications, startup, troubleshooting and maintenance of the MicroLok II 2/2 system.	2019-03	Hitachi Rail STS	Live
MicroLok II 2/2 System Description (Hitachi Rail STS)	Hitachi Rail STS SM 1D1.0006 Rev 3	Hitachi Rail STS system description of the MicroLok II 2/2 interlocking covering application, hardware and software elements and basic interlocking control.	2019-03	Hitachi Rail STS	Live
MICROLOK II Hardware Installation and Maintenance Manual (Union Switch & Signal)	Union Switch & Signal SM 6800B Rev 3	Union Switch & Signal manual on hardware installation and maintenance of the MICROLOK II integrated vital interlocking, coded track circuit and code line controller.	2005-12	Union Switch & Signal	Live
MICROLOK II Network Protocol and Networking Hardware: Installation, Operation, Maintenance	Union Switch & Signal SM 6800K	Union Switch & Signal manual on the MICROLOK II network protocol and networking hardware covering installation, operation and maintenance.	2004-03	Union Switch & Signal	Live
Microlok II Electronic Interlocking Functional Description	US&S India UM-6800A Rev 1.3	US&S India manual describing the functional description of the Microlok II electronic interlocking, its hardware, serial I/O and software.	2005-07-04	US&S India	Live
Microlok II Electronic Interlocking Installation Manual	Ansaldo STS India UM-6800B Rev 2.10	Ansaldo STS India manual on Microlok II installation practices, covering cardfile, surge protection, bonding, grounding and hot standby.	2011-07	Ansaldo STS India	Live
Microlok II Electronic Interlocking Startup and Maintenance Manual	US&S India UM-6800C Rev 1.2	US&S India manual on Microlok II cardfile controls and indications, modes of operation and the maintenance tools program.	2004-09	US&S India	Live
Microlok II Electronic Interlocking Troubleshooting and Recovery Manual	US&S India UM-6800E Rev 1.3	US&S India manual on isolating malfunctions, restoring normal operation and analysing error and event logs for Microlok II.	2006-02-08	US&S India	Live
WRTCMOV Issue 1.0 - Controlguide MoviolaW Installation and Configuration Manual (WESTRACE MK2)	Siemens Manual 16.08.2013	Siemens installation and configuration manual for the MoviolaW tool used with WESTRACE MK2; the tool is not safety related.	2013-08-16	Siemens	Live

Title	Doc no.	Subject	Issued	Issuer	Status
WRTO-ICS-WRSI Issue 7.0 - Westinghouse WESTRACE Installation Check System (ICS) User Manual	Westinghouse Rail Systems Australia Manual 13.02.2009	Westinghouse Rail Systems Australia user manual for the WESTRACE Installation Check System, whose checks are carried out whenever interlocking configuration data is altered.	2009-02-13	Westinghouse Rail Systems Australia	Live
WRTOAPPM Issue 11.0	Invensys Rail Manual 12.2011	Manufacturer application manual for the WESTRACE Mk I vital signalling equipment.	2011-12	Invensys Rail	Live
WRTOAPPM-WRSI Issue 11.0 - Westinghouse WESTRACE Application Manual (User Manual)	Westinghouse Rail Systems Australia Manual 09.02.2009	Westinghouse Rail Systems Australia application manual for WESTRACE vital signalling equipment, covering system design, configuration, installation and maintenance rules.	2009-02-09	Westinghouse Rail Systems Australia	Live
WRTOFLDR Issue 14.0 - Trackguard WESTRACE MK2 First-Line Maintenance Manual	Siemens Rail Automation Manual 12.2020	Siemens first-line maintenance manual for the Trackguard WESTRACE MK2 electronic interlocking.	2020-12	Siemens Rail Automation	Live
WRTOFLMM Issue 10.0 - Westinghouse WESTRACE First-Line Maintenance Manual	Westinghouse Rail Systems Australia Manual 10.02.2009	Westinghouse Rail Systems Australia first-line maintenance manual for WESTRACE vital signalling equipment and WESTECT ATP wayside equipment.	2009-02-10	Westinghouse Rail Systems Australia	Live
WRTOGCSS Issue 9.0 - Westinghouse WESTRACE Graphical Configuration Sub-System (GCSS) User Manual	Westinghouse Rail Systems Australia Manual 11.02.2009	Westinghouse Rail Systems Australia user manual for the WESTRACE Graphical Configuration Sub-System used to design WESTRACE systems.	2009-02-11	Westinghouse Rail Systems Australia	Live
WRTOGSIM Issue 11.0	Invensys Rail Manual 05.2011	Manufacturer user manual for the WESTRACE Graphical Simulator, version 8.0.	2011-05	Invensys Rail	Live
WRTOOVDR Issue 6.0 - Trackguard WESTRACE MK2 System Overview Manual	Siemens Rail Automation Manual 03.2015	Siemens system overview manual for the Trackguard WESTRACE MK2 electronic interlocking, covering features, manuals suite and system description.	2015-03	Siemens Rail Automation	Live
WRTOOVER Issue 6.0 - Westinghouse WESTRACE System Overview Manual	Westinghouse Rail Systems Australia Manual 12.02.2009	Westinghouse Rail Systems Australia system overview manual for WESTRACE, covering system operation and vital logic equipment architecture.	2009-02-12	Westinghouse Rail Systems Australia	Live
Kyosan K5BMC EI Handbook for Installation, Maintenance and Troubleshooting (Technician / JE Level)	Kyosan India Pvt Ltd Z914-C36 (25.04.2014)	Kyosan handbook for the K5BMC electronic interlocking at technician and JE level, first edition.	2014-04-25	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Troubleshooting Manual (Engineer Level)	Kyosan India Pvt Ltd Z914-C36000237 Ver 1	Kyosan troubleshooting manual for the K5BMC electronic interlocking at engineer level.	2014-03-14	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Troubleshooting Manual (Direct Interface with Data Logger)	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C36000237B Ver 2	Kyosan troubleshooting manual for the K5BMC electronic interlocking with direct data logger interface.	2017-01-06	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Handbook for Installation, Maintenance and	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C36000245B	Kyosan handbook for installation, maintenance and troubleshooting of the K5BMC electronic interlocking	2017-01-05	Kyosan Electric Mfg Co / Kyosan India	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Troubleshooting (Direct Interface with Data Logger)	Ver 2	with direct data logger interface.		Pvt Ltd	
Kyosan K5D EI Instruction Manual for LDC (Local Data Collector) System	Kyosan Electric Mfg Co / Kyosan India Z914-C36000562 Ver 1	Instruction manual for the Local Data Collector system of the K5D electronic interlocking.	2021-11-11	Kyosan Electric Mfg Co / Kyosan India	Live
Kyosan K5BMC EI Maintenance Manual (Higher Management Level)	Kyosan India Pvt Ltd Z914-C72000496C Ver 3	Kyosan maintenance manual for the K5BMC electronic interlocking at higher management level.	2011-02-12	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Maintenance Manual (Direct Interface with Data Logger)	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C72000496D Ver 4	Kyosan maintenance manual for the K5BMC electronic interlocking with direct data logger interface.	2017-01-06	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Functional Requirement Specification (as per Para 10 of RDSO Specification)	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C73000020B Rev 2	Functional requirement specification for the Kyosan K5BMC electronic interlocking, prepared per para 10 of the RDSO specification.	2009-11-20	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI MTC Failure Display Specification	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C73000030E Ver 5	Specification of MTC failure displays for the K5BMC electronic interlocking.	2011-02-12	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Instruction Manual for LDC (Local Data Collector) System for Windows	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C73000035B Ver 2	Instruction manual for the Local Data Collector system of the K5BMC electronic interlocking.	2011-02-12	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5D EI Handbook (Installation, Maintenance and Troubleshooting)	Kyosan India Pvt Ltd / Kyosan Electric Mfg Co Z914-F19033-00000002 Ver 2	Kyosan handbook for installation, maintenance and troubleshooting of the K5D electronic interlocking.	2023-10-04	Kyosan India Pvt Ltd / Kyosan Electric Mfg Co	Live
Kyosan K5D EI MTC Failure Display Specification	Kyosan Electric Mfg Co / Kyosan India Z914-F19033-00000004 Ver 1	Specification of MTC failure displays for the K5D electronic interlocking.	2021-11-12	Kyosan Electric Mfg Co / Kyosan India	Live
Kyosan K5D EI Troubleshooting Manual	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-F19033-00000005 Ver 1	Kyosan troubleshooting manual for the K5D electronic interlocking.	2021-11-12	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live

RDSO guidelines & specifications (54)

Title	Doc no.	Subject	Issued	Issuer	Status
Compendium of Guidelines for Quality & Reliability in Electronic Interlocking System Installations	RDSO Report SS/166/2024	RDSO compendium of electronic interlocking specifications, pre-commissioning checklists, TANs and guidelines.	2024	RDSO	Live
Guidelines for Earthing, Bonding, Surge and Lightning Protection	RDSO-SIG0SPD(PROJ)/1/2020	RDSO Signal Directorate letter issuing guidelines on earthing, bonding, surge and lightning protection.	2025-01-01	RDSO	Live
Guidelines for Kavach Ready Electronic	RDSO Specification 11.08.2026	RDSO letter issuing the Kavach Ready EI Policy for	2026-08-11	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Interlocking (Kavach Ready EI Policy) v1.0		implementation over Indian Railways.			
Policy on Type of Interlocking at Stations with Centralized Operation	Railway Board Letter No. 2003/SIG/G/5	Railway Board policy letter on the type of interlocking at stations with centralized operation.	2016-04-28	Railway Board	Live
Revised Software Baseline Hash Value, EI32SA/LA (Nippon Signal)	RDSO Approval Letter No. RDSO-SIG0EI(NIPP)/1/2020	RDSO letter approving the revised software baseline hash value for the Nippon Signal EI32SA/LA electronic interlocking system.	2023-10-20	RDSO	Live
Kyosan K5BMC Electronic Interlocking as per RDSO/SPN/203/2011	RDSO Approval Letter No. STS/L/EI/SPN203/CA/KYOSAN/Vol-IV/113 (02.03.2020)	RDSO letter approving Kyosan K5BMC electronic interlocking for big yards for the list of vendors for developmental orders under cross acceptance, limited to 10 equipments.	2020-03-02	RDSO	Live
WESTRACE Mark II Electronic Interlocking as per RDSO/SPN/192/2005	RDSO Cross Acceptance Approval Letter No. STS/L/SSI/CA/192/IRSI/Vol III/SN 140 (10.03.2017)	RDSO cross acceptance approval of Siemens WESTRACE Mark II electronic interlocking as per RDSO/SPN/192/2005 V1.0 with details, terms and conditions.	2017-03-10	RDSO	Live
Kyosan K5D Electronic Interlocking as per RDSO/SPN/192/2019 Ver 2.0	RDSO Cross Approval Letter No. RDSO-SIG-0EI(K5D)/1/2021	RDSO cross approval of Kyosan India K5D electronic interlocking, an upgraded model of K5BMC, as per RDSO/SPN/192/2019 Ver 2.0 with terms and conditions.	2022-09-30	RDSO	Live
Fresh Registration of Nippon Signal India for Electronic Interlocking EI32SA-LA	RDSO Final Decision Letter RDSO/108/1901/00018538	RDSO decision letter including Nippon Signal India in the vendor directory for electronic interlocking on cross approval for model EI32SA-LA.	2022-06-03	RDSO	Live
Guidelines for Improving the Reliability of Microlok-II Electronic Interlocking	RDSO Specification 26.07.2011	RDSO guidelines for improving the reliability of Microlok II electronic interlocking.	2011-07-26	RDSO	RDSO intranet - being processed
Common Deficiencies in Technical System Application for Electronic Interlocking	RDSO Letter 25.04.2017	RDSO letter to Chief Signal and Telecom Engineers of zonal railways on common deficiencies found in technical system applications for electronic interlocking.	2017-04-25	RDSO	Live
Cross Approval of VHSC26 and HSC-SUB6M-2B Cards of K5BMC Electronic Interlocking	RDSO Letter 26.11.2018	RDSO letter on cross approval of VHSC26 and HSC-SUB6M-2B cards of the Kyosan K5BMC electronic interlocking.	2018-11-26	RDSO	Live
Deployment of Rail9000 (R9K) VDU Software	RDSO Letter 20.09.2023	RDSO letter to Siemens on deployment of Rail9000 (R9K) VDU software for WESTRACE MK2 electronic interlocking.	2023-09-20	RDSO	Live
Field Trial of Modified Additional Independent Point Detection Circuit (NDKR/NKR and RDKR/RKR) with	RDSO Letter 18.09.2026	RDSO letter on field trial of a modified independent point detection circuit at a crossover across five zonal railways.	2026-09-18	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Superimposed Point Operation					
Firmware Version Upgradation of HIMA HIMatrix Electronic Interlocking	RDSO Letter No. RDSO-SIG-OEI(HIMA)/1/2020	RDSO approval of firmware version upgrade of the HIMA HIMatrix electronic interlocking controller and IO modules requested by Safeconnect Communication.	2023-12-01	RDSO	Live
Approval of Rail9000 as VDU Software for WESTRACE MK2 EI System	RDSO Letter No. RDSO-SIG0EI(MK2)/1/2020	RDSO approval of Rail9000 LOW Release 3.1.1 Crocodile VDU software for WESTRACE MK2 electronic interlocking with instructions on its use.	2022-10-21	RDSO	Live
Approval of Newer Version of Westrace Mk2 Modules	RDSO Letter No. RDSO-SIGOEI(MK2)/1/2020	RDSO letter listing approved newer versions of Westrace MK2 modules of Siemens electronic interlocking, with checksum annexure.	2021-06-01	RDSO	Live
Approval of Simplified System Architecture of K5BMC EI	RDSO Letter No. STS/L/EI192/CA/KYOSAN/234 (20.02.2018)	RDSO approval of the simplified system architecture of Kyosan K5BMC electronic interlocking for future installations, with revised hardware composition and software version.	2018-02-20	RDSO	Live
Letter No. STS/L/SSI/CA/IRSI - Upgradation of Executive Software Version 4.0 for WESTRACE VLM6	RDSO Letter 27.11.2013	RDSO letter permitting regular use of executive software version 4.0 for WESTRACE VLM6 electronic interlocking and upgradation of existing systems.	2013-11-27	RDSO	Live
Relisting of Medha MEI 633 Electronic Interlocking	RDSO Letter No. STS/L/SSI/Medha/Vol 65/612 (09.05.2019)	RDSO letter relisting the Medha MEI-633 electronic interlocking as approved vendor for developmental orders after upgrade of executive software to version 1.2.	2019-05-09	RDSO	Live
Uploading for EI Policy	RDSO Letter RDSO-SIG-0EI(HIMA)/1/2020	RDSO Signal Directorate letter regarding uploading of material for the electronic interlocking policy (HIMA).	2025-08-18	RDSO	Live
Standardization of Typical Circuits for Electronic Interlocking (EI) Ver 4.0, Report SS/172/2026	RDSO Letter RDSO-SIG0EI(CKT)/1/2020	RDSO letter to zonal railways issuing the standard typical circuits for electronic interlocking version 4.0 (report SS/172/2026).		RDSO	Live
Approval Letter K5D Correction Letter	RDSO Letter RDSO-SIG0EI(K5D)/1/2021	RDSO Signal Directorate letter regarding approval and correction for K5D.		RDSO	Live
LOM Approval Letter (18.01.2024)	RDSO Letter RDSO-SIG0EI(MK2)/1/2021	RDSO Signal Directorate letter on approval related to Microlock-II (LOM), dated 18.01.2024.	2024-01-18	RDSO	Live
Letter RDSO-SIG0EI(MLK2)/1/2020 dated 29.09.2025 to Hitachi Rail STS India	RDSO Letter 29.09.2025	RDSO Signal Directorate letter to Hitachi Rail STS India concerning Microlock-II electronic interlocking.	2025-09-29	RDSO	Live
Technical Audit of Electronic Interlocking	RDSO Letter RDSO-SIG0EI(TA)/1/2020	RDSO Signal Directorate letter to railways and the firm on technical audit of electronic interlocking.		RDSO	Live
Ansaldo Approval for Version CC3.2	RDSO Letter Annexure of	RDSO letter to Ansaldo STS Transportation Systems	2016-09-28	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
	STS/L/SSI.CA/US&S/Vol. 46 (28.09.2016)	conveying approval of version CC3.2 with annexure.			
Letter to Kyosan - Provisional Approval of K5D Electronic Interlocking E-E4 and E-P5 Sub Racks for Outdoor Trackside Use	RDSO Letter	RDSO letter provisionally approving use of K5D E-E4 and E-P5 sub racks with PCBs and cabinet outdoors at trackside, as per RDSO/SPN/192 Ver 2.0.		RDSO	Live
Provisional Approval on Cross Acceptance Basis for Electronic Interlocking (Himax) as per	RDSO/SPN/192 (30.08.2019)	RDSO provisional approval of Himax electronic interlocking on cross acceptance basis against RDSO/SPN/192.	2019-08-30	RDSO	RDSO intranet - being processed
Use of Hot Standby Architecture for Electronic Interlocking	RDSO TAN STS/E/TAN/3004 Ver 1.0	RDSO technical advisory note on hot standby architecture for electronic interlocking.	2012-06-13	RDSO	Live
Industrial Grade Embedded Fan-less PC for EI VDU and Maintenance Terminal	RDSO TAN STS/E/TAN/3007 Ver 2.0	RDSO technical advisory note on embedded fan-less PCs for electronic interlocking VDU and maintenance terminal.	2026-04-22	RDSO	Live
Guidelines for Installation of Electronic Interlocking	RDSO TAN STS/E/TAN/3012 Ver 5.0	RDSO technical advisory note on installation of centralized and distributed electronic interlocking, covering power supply, OFC, earthing and data logger.	2026-06-18	RDSO	Live
Technical Advisory Note - Guidelines on Minor Modifications in Application Software of Medha Electronic Interlocking (MEI)	RDSO Specification	RDSO technical advisory note giving guidelines on minor modifications or alterations in the application software of Medha electronic interlocking.		RDSO	Live
System Alarms on VDU and Datalogger for HIMA make Electronic Interlocking	RDSO-SIG-0EI(HIMA)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of HIMA make electronic interlocking.		RDSO	Live
System Alarms on VDU and Datalogger for Siemens Westrace Electronic Interlocking	RDSO-SIG-0EI(SIEMENS)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of Siemens Westrace MK-II electronic interlocking.		RDSO	Live
Letter to Railway Board on Standard Typical Circuits for Electronic Interlocking	RDSO-SIG0EI(CKT)/1/2020	RDSO letter to Railway Board on standard typical circuits for electronic interlocking, referring to earlier correspondence.	2024-08-02	RDSO	RDSO intranet - being processed
Segregation of Dirty and Clean Wires in Wiring of EI System	RDSO-SIG0EI(GEN)/1/2020	RDSO letter asking implementation of dirty and clean wire segregation in electronic interlocking wiring, grouped into 12 groups laid in separate troughs.	2026-05-12	RDSO	Live
System Alarms on Datalogger and VDU for Kyosan make Electronic Interlocking (K5BMC and K5D)	RDSO-SIG0EI(PERF)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of Kyosan K5BMC and K5D electronic interlocking.		RDSO	Live
System Alarms on VDU and Datalogger	RDSO-SIG0EI(PERF)/1/2020	RDSO letter listing system warnings and indications		RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
for Hitachi make Electronic Interlocking		provided on the VDU and datalogger of Hitachi Microlok II electronic interlocking.			
System Alarms on VDU and Datalogger for Nippon make Electronic Interlocking (EI32SA/LA)	RDSO-SIG0EI(PERF)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of Nippon EI32SA/LA electronic interlocking.		RDSO	Live
Guidelines for Submission of Technical System Application Approval (TSAA) Documents to RDSO	RDSO-SIG0EI(TAN)/1/2022	RDSO letter with guidelines on the TSAA checklist items, to help zonal railways submit correct documents for electronic interlocking approval.	2026-05	RDSO	Live
Specification for Electronic Interlocking (revised specification issue letter, RDSO-SIG0EI(SPN)/1/2020)	RDSO/SPN/192 Ver 3	RDSO letter issuing the revised version 3 specification for electronic interlocking.		RDSO	Live
Withdrawal Notice, Specification for Electronic Interlocking for Big Yards	RDSO/SPN/203	RDSO notice of withdrawal of specification RDSO/SPN/203 for electronic interlocking for big yards.		RDSO	Live
Technical Advisory Note: Precautions for Microlock-II Installations during Monsoon	RDSO STS/E/TAN/3003 Ver 1.0	Technical advisory note on precautions for Microlock-II electronic interlocking installations against lightning damage in the monsoon.	2012-04-23	RDSO	Live
Technical Advisory Note: Centralized and Distributed Architecture of Electronic Interlocking	RDSO STS/E/TAN/3008 Ver 1.0	RDSO technical advisory note on centralized and distributed architecture of electronic interlocking.	2013-03-31	RDSO	Live
TAN on Minor Modifications in Application Logic of VLM6 Westrace Electronic Interlocking (Siemens)	RDSO STS/E/TAN/3011 Ver 1.0	Technical Advisory Note with guidelines for minor modifications in application logic of Siemens Westrace VLM6 electronic interlocking at existing stations.	2014-08-14	RDSO	Live
TAN on Minor Modification in MLK II Electronic Interlocking, with letter and annexure	RDSO STS/E/TAN/OS-III/Vol.1 (23.06.2014)	RDSO letter circulating a Technical Advisory Note on minor modifications in the MicroLok II electronic interlocking.	2014-06-23	RDSO	Live
STS/L/SSI	RDSO Validation of VDU/LCP/Operator Console of EI to CENELEC Standards (letter dated 17.06.2011)	RDSO letter to EI makers requiring validation documents for VDU software and hardware to at least SIL-2, to be submitted by 30.09.2011.	2011-06-17	RDSO	Live
STS/L/SSI/CA/US&S - Maintenance Type Approval for Microlok-II Electronic Interlocking (Ansaldo STS)	RDSO Specification 09.01.2015	RDSO letter granting maintenance type approval for the indigenised Microlok-II electronic interlocking per RDSO/SPN/192/2005, with terms and conditions.	2015-01-09	RDSO	Live
STS/L/SSI/CA/US&S	RDSO Comprehensive Guidelines Letter dated 26.07.2011 (Ansaldo)	RDSO letter of 26.07.2011 to the Railway Board and zonal railways issuing comprehensive guidelines on Ansaldo electronic interlocking.	2011-07-26	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
STS/L/SSI/Medha - Initial Type Approval for Electronic Interlocking MEI633 (Medha Servo Drives)	RDSO Specification 14.03.2012	RDSO initial type approval for the Medha MEI633 electronic interlocking per RDSO/SPN/192/2005, with terms and conditions.	2012-03-14	RDSO	Live
Certificate of Maintenance Type Approval for Medha MEI633 Electronic Interlocking (STS/Signal/2014/004)	RDSO STS/L/SSI/Medha/407 (21.02.2014)	RDSO certificate of maintenance type approval for the Medha MEI633 electronic interlocking per RDSO/SPN/192/2005, with terms and conditions.	2014-02-21	RDSO	Live
Instructions on Upgradation of Executive Software Ver 1.2 of Medha MEI633 EI at Existing Stations	RDSO STS/L/SSI/Medha/Vol.-65/613 (09.05.2019)	RDSO letter instructing upgradation of existing Medha MEI633 electronic interlocking to executive software Ver 1.2 and restoring hot standby mode.	2019-05-09	RDSO	Live
Technical Guideline TN/3014 Version 1.0 - Block Working Built into Electronic Interlocking for Single Line	RDSO Specification 24.06.2021	Technical guideline for trial implementation of block working built into electronic interlocking from the same manufacturer for single line.	2021-06-24	RDSO	Live

Test formats & checklists (24)

Title	Doc no.	Subject	Issued	Issuer	Status
EI Checklists with Trouble Shooting Rev 2	Test format	Electronic interlocking checklists with troubleshooting, referencing CENELEC EN 50126, 50128 and 50129.			RDSO intranet - being processed
Kyosan K5BMC and K5D Post-Commissioning Inspection Checklist	Kyosan India Pvt Ltd KI-EI-003 Rev 0 (30.03.2024)	Post-commissioning inspection checklist for Kyosan K5BMC and K5D electronic interlocking.	2024-03-30	Kyosan India Pvt Ltd	Live
Kyosan K5BMC and K5D Preventive Maintenance Checklist	Kyosan India Pvt Ltd KI-EI-006 Rev 00 (19.04.2024)	Preventive maintenance checklist for Kyosan K5BMC and K5D electronic interlocking.	2024-04-19	Kyosan India Pvt Ltd	Live
FAT/SAT of Electronic Interlocking, 04.12.2018	Railway Board Letter No. 2017/Sig/3/85th SSC	Railway Board letter on committee recommendations for agenda item 1192 of the 85th SSC meeting regarding FAT and SAT of electronic interlocking.	2018-12-04	Railway Board	Live
Pre-commissioning Check List for Microlok II Electronic Interlocking (Ansaldo STS), with Letter No. STS/E/SSI/CA/US&S	RDSO Format No. SIG-0703 Revision 5	RDSO letter circulating the pre-commissioning check list for Microlok II electronic interlocking to Railway Board and zonal railways.	2014-10-28	RDSO	Live
Pre-commissioning Check List for GE (GETS) VHLC Electronic Interlocking	RDSO Format No. SIG-0704 Version 0	RDSO pre-commissioning check list for the GE Transportation VHLC electronic interlocking, covering general information, reference documents and outdoor and indoor checks.	2008-09-30	RDSO	Live
Pre-commissioning Check List for Medha MEI634 Electronic Interlocking, with	RDSO Format SIG-0705 Version 3.0	RDSO letter forwarding the pre-commissioning check list for Medha MEI634 electronic interlocking as per	2022-06-23	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Letter No. RDSO-SIG0EI(M634)/1/2020		RDSO/SPN/192/2019 Ver 2.0 and RDSO/SPN/203/2011 Ver 1.0.			
Letter	RDSO Electronic Interlocking Check Lists (STS/L/SSI, TAN STS/E/TAN/3004)	RDSO letter of 09.05.2012 forwarding checklists for electronic interlocking.	2012-05-09	RDSO	Live
Acceptance Test Performa for Medha MEI634 Electronic Interlocking, with Letter No. RDSO-SIG0EI(M634)/1/2020	RDSO SI-F 7.1-0382 Version 2.0	RDSO letter issuing the approved acceptance test performa for Medha MEI634 electronic interlocking as per RDSO/SPN/192/2019 and RDSO/SPN/203/2011, effective 21.06.2022.	2022-06-23	RDSO	Live
Acceptance Test Format for Nippon Signal EI32SA/LA Electronic Interlocking	RDSO SI-F-7.1-0154 Ver 1.2	RDSO acceptance test format for Nippon Signal EI32SA/LA electronic interlocking as per RDSO/SPN/192/2019 Ver 2.0.	2024-04-24	RDSO	Live
Acceptance Test Format for Kyosan K5BMC Electronic Interlocking	RDSO SI-F-7.1-0154 Ver 2.0	RDSO acceptance test format for Kyosan K5BMC electronic interlocking under RDSO/SPN/192/2019 Ver 2.0 or RDSO/SPN/203/2011 Ver 1.0.	2024-01-25	RDSO	Live
Type Test Format for Kyosan K5BMC Electronic Interlocking (RDSO/SPN/192/2019 Ver 2.0 or RDSO/SPN/203/2011 Ver 1.0)	RDSO SI-F-7.1-0155 Version 1.0	RDSO letter and type test format for Kyosan K5BMC electronic interlocking, effective 24.04.2025, to be used for all future type tests.	2025-04-24	RDSO	Live
Acceptance Test Format for HIMA Electronic Interlocking Models HIMax and HIMatrix	RDSO SI-F-7.1-0156 Ver 1.0	RDSO acceptance test format for HIMax and HIMatrix electronic interlocking as per RDSO/SPN/192/2019 Ver 2.0.	2023-05-12	RDSO	Live
Acceptance Test Format for Kyosan K5D Electronic Interlocking	RDSO SI-F-7.1-0158 Ver 3.0	RDSO acceptance test format for Kyosan K5D electronic interlocking, the upgraded model of K5BMC.	2025-02-17	RDSO	Live
Acceptance Test Format for Siemens WESTRACE MK-II Electronic Interlocking (RDSO/SPN/192/2019 Ver 2.0 or RDSO/SPN/203/2011 Ver 1.0)	RDSO SI-F-7.1-0384 Version 6.0	RDSO acceptance test format for Siemens WESTRACE MK-II electronic interlocking, with amendment history and added lamp output module test.	2024-12-20	RDSO	Live
Test Format for Block Working Built into Electronic Interlocking (Double Line), with Technical Guideline TN/3013	RDSO SI-F-8.1-0152 Version 1.0	RDSO letter forwarding technical guideline TN/3013 and functional test checklist for block working built into electronic interlocking on double line.	2020-11-04	RDSO	Live
Pre-commissioning Check List for Kyosan K5BMC Electronic Interlocking	RDSO SI-G-7.1-0379 Version 2.0	RDSO pre-commissioning check list for Kyosan K5BMC electronic interlocking with amendment history and software version and checksum records.	2023-07-18	RDSO	Live
Pre-commissioning Check List for Kyosan K5D Electronic Interlocking	RDSO SI-G-7.1-0380 Version 1.0	RDSO pre-commissioning check list for Kyosan K5D electronic interlocking, an upgraded model of	2024-03-22	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		K5BMC, listing reference documents and software checksums.			
Pre-commissioning Check List for Siemens WESTRACE MK2 Electronic Interlocking, with Letter No. RDSO-SIG0EI(MK2)/1/2020	RDSO SI-G-7.1-0383 Version 1.0	RDSO letter issuing the pre-commissioning checklist for cross-approved Siemens WESTRACE MK2 electronic interlocking, effective 22.02.2024, to PCSTEs of zonal railways.	2024-02-23	RDSO	Live
Pre-commissioning Check List for Medha MEI633 Electronic Interlocking, with Letter No. RDSO-SIG-EI(NIPP)/1/2020	RDSO SI-G-7.1-0705 Version 3.0	RDSO letter issuing revised pre-commissioning checklist for Medha MEI633 electronic interlocking, effective 05.01.2024, to PCSTEs of zonal railways.	2024-01-08	RDSO	Live
Acceptance Test Format for Microlok II Electronic Interlocking	RDSO SIF 0712 Ver 4.0	RDSO acceptance test format for Microlok II electronic interlocking as per RDSO/SPN/192/2019 Ver 2.0.	2025-01-20	RDSO	Live
Pre-Commissioning Check List for HIMax-HIMatrix Electronic Interlocking (HIMA), with covering letter	RDSO SI-G-7.1-0382 Ver 2.0	RDSO letter issuing revised Ver 2.0 pre-commissioning checklist for HIMA make HIMax and HIMatrix electronic interlocking, effective 21-08-2026.	2026-08-21	RDSO	Live
Acceptance Test Performa for Medha MEI633 Electronic Interlocking, with covering letter	RDSO SIF 0720 Ver 5.0	RDSO letter approving the acceptance test format for Medha make MEI633 electronic interlocking per RDSO/SPN/192/2019 Ver 2.0, with the format.	2022-11-07	RDSO	Live
Pre-commissioning Check List of Electronic Interlocking WESTRACE-VLM6	RDSO SIG-0701 Ver 1	Pre-commissioning checklist for the WESTRACE-VLM6 electronic interlocking, specification RDSO/SPN/132/2005.	2009-09-30	RDSO	Live

Other interlocking (36)

Title	Doc no.	Subject	Issued	Issuer	Status
Specification for Relay Interlocking Systems	IRS:S 36-87 (1987)	Indian Railway Standard specification for relay interlocking systems.	1987	RDSO	Live
Modelling and Validation of Interlocking for Railway Signalling Systems - Research Results (IIT Kharagpur and RDSO)	IIT Kharagpur	Research results of an IIT Kharagpur and RDSO project on interlocking modelling, with layout editor tests on several SER yards.		IIT Kharagpur	RDSO intranet - being processed
Queries and Justification on the Report on Standardisation of Typical Circuits for Electronic Interlocking	Document 12.11.2013	Queries and justification on the standardised typical circuits for electronic interlocking, covering LR, OVLR, UCR and HR circuits.	2013-11-12		Live
Improvement of Configuration for Microlok II Electronic Interlocking (Ansaldo Upgradation Cost)	Railway Board Letter 24.08.2012	Railway Board letter on improving the configuration of Microlok II electronic interlocking to improve performance.	2012-08-24	Railway Board	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Inspection of Spare Parts of Siemens SIMIS S Electronic Interlocking	RDSO Letter 30.11.2012	RDSO letter on inspection of spare parts of Siemens SIMIS S electronic interlocking requested by WCR Bhopal.	2012-11-30	RDSO	RDSO intranet - being processed
Name Change of IRSI Firm: Type Approval of WESTRACE VLM6 in the Name of Siemens Rail Automation	RDSO Letter 19.02.2014	RDSO letter on change in name for type approval of WESTRACE VLM6 in the name of Siemens Rail Automation Private Limited.	2014-02-19	RDSO	RDSO intranet - being processed
Permanent Delisting of Siemens from Approved Vendor List for Electronic Interlocking	RDSO Letter	RDSO letter on permanently delisting Siemens SIMIS S electronic interlocking from the approved vendor list.		RDSO	RDSO intranet - being processed
Provision of Newer Version PSU Card for VLM6 for Mitigation of C-Zero Error	RDSO Letter 02.08.2018	RDSO letter on providing a newer version PSU card for VLM6 to mitigate the C-Zero error.	2018-08-02	RDSO	Live
Technical System Application Approval (TSAA) of Electronic Interlockings	RDSO Letter No. RDSO-SIG0EI(GEN)/1/2020	RDSO letter asking zonal railways to submit EI TSAA proposals at least 15 days before the proposed installation work and to keep submitted documents consistent.	2026-05-15	RDSO	Live
Approval of Medha MEI634 Electronic Interlocking as per RDSO/SPN/192/2019	RDSO Letter No. RDSO-SIG0EI(M634)/1/2021	RDSO letter approving Medha MEI634 electronic interlocking after field trials and removing the limit on supply quantity, with approved part list.	2024-01-23	RDSO	Live
Updation of ECB and SYNC PCB Firmware of Microlok-II EI Installations to Version 7.70	RDSO Letter No. RDSO-SIG0EI(MLK2)/1/2020	RDSO letter permitting update of Ethernet communications and synchronization PCB firmware of Microlok-II electronic interlocking from version 7.60 to 7.70.	2023-12-21	RDSO	Live
Final Decision on Registration of Medha MEI634 (Big EI) Electronic Interlocking	RDSO Letter No. RDSO/108/1901/00007588	RDSO final decision letter provisionally approving Medha MEI634 electronic interlocking for big yards for field trial with a maximum of 10 systems, with conditions.	2021-12-23	RDSO	Live
Final Decision on Registration of Medha MEI634 Electronic Interlocking as per RDSO/SPN/192	RDSO Letter No. RDSO/108/1901/00031533	RDSO final decision letter on Medha vendor registration, noting approval for model MEI633 and provisional approval of MEI634 for up to 10 systems, with conditions.	2023-04-03	RDSO	Live
Changeover Arrangement of Power Cable in EI Installation	RDSO Letter No. STS/E/TAN/DS-III/Vol-1 (11.12.2017)	RDSO letter reiterating that separate 110 V DC power cables combined through diodes at the end cabin must be used in distributed EI, after a failure at Rasmara station.	2017-12-11	RDSO	Live
Letter No. STS/L/SSI - Minutes of Meeting with EI Vendors	RDSO Letter 27.12.2011	RDSO letter to zonal railways forwarding minutes of a meeting with electronic interlocking vendors.	2011-12-27	RDSO	Live
Letter No. STS/L/SSI - Minutes of Meeting	RDSO Letter 28.03.2012	RDSO letter forwarding minutes of the meeting with	2012-03-28	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
with EI Vendors (15.03.2012)		electronic interlocking vendors held on 15.03.2012.			
Letter No. STS/L/SSI/CA/IRSI - Reading Back of the Status of Output Relays in Electronic Interlocking	RDSO Letter 05.09.2011	RDSO letter responding to East Coast Railway on reading back the status of output relays in electronic interlocking.	2011-09-05	RDSO	Live
Scheme for SM Key on Electronic Interlocking Installations	RDSO Letter No. STS/L/SSI/General/Vol-I/198 (15.05.2019)	RDSO letter prescribing that the SM key contact on EI with panel and standby VDU be taken from the EI input card through an interface relay.	2019-05-15	RDSO	Live
Technical Audit of Kyosan Make Electronic Interlocking at Jogighopa, North East Frontier Railway	RDSO Letter RDSO-SIG0EI(PERF)/1/2020	RDSO letter to NFR on the technical audit of the Kyosan make electronic interlocking at Jogighopa station, Rangiya division.	2023-02-08	RDSO	Live
Technical Audit of Gyanpur Road Station	RDSO Letter RDSO-SIG0EI(PERF)/1/2020 Part (2)	RDSO Signal Directorate letter on a technical audit of electronic interlocking at Gyanpur Road.		RDSO	Live
Technical Audit at Brundamal Station, Sambalpur Division, East Coast Railway	RDSO Letter RDSO-SIG0EI(PERF)/1/2020 Part (3)	RDSO Signal Directorate letter on a technical audit at Brundamal station of Sambalpur division.		RDSO	Live
Cross Acceptance Approval of Siemens Westrace MK-2 Electronic Interlocking	RDSO Letter STS/L/SSI/BIG/CA/IRSI/Vol-9/219 (11.10.2019)	RDSO cross acceptance approval letter to Siemens Rail Automation for the Westrace MK-2 electronic interlocking.	2019-10-11	RDSO	Live
Letter STS/L/SSI/CA/GE - Delisting of GE	RDSO Letter 21.06.2013	RDSO letter on delisting of a firm from the approved list for electronic interlocking.	2013-06-21	RDSO	RDSO intranet - being processed
Maintenance Type Approval Certificate - Invensys WESTRACE VLM6 Electronic Interlocking, Executive Software Version 2.00	RDSO 07.02.2013	RDSO maintenance type approval certificate for the Invensys WESTRACE VLM6 electronic interlocking with executive software version 2.00.	2013-02-07	RDSO	Live
Corrigendum to Letter dated 16.09.2026 on Corrective and Preventive Action Measures in Hitachi make EI System	RDSO-SIG0EI(MLK2)/1/2020	RDSO corrigendum correcting a date of temporary delisting of Hitachi in the action plan letter for corrective and preventive measures in Hitachi EI.	2026-09-16	RDSO	Live
Release of Emergency Crank Handle When Both Operating VDUs Are Not Functioning at EI Installations	SECR Policy Circular 02/2015	SECR S&T policy circular on releasing the emergency crank handle when both VDUs fail at electronic interlocking stations.	2015	South East Central Railway	Staged (SECR HQ library)
Absolute Segregation of Power Supply for VDU and its Accessories	SECR Policy Circular 02/2020	SECR S&T policy circular on absolute power segregation for the two VDUs and accessories at electronic interlocking.	2020-03-12	South East Central Railway	Staged (SECR HQ library)
Policy Guidelines for Implementation of SigDATE	SECR Policy Circular 02/2024	SECR S&T policy circular on implementing SigDATE, the signalling design automation tool for electronic interlocking.	2024-05-08	South East Central Railway	Staged (SECR HQ library)
↳ Type of Interlocking	SECR Corrigendum No. 1 to	SECR corrigendum to the S&T policy circular 03/2020	2022-03-08	South East Central	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
	Policy Circular 03/2020 Slip No. 1	on the type of interlocking to be provided at stations.		Railway	HQ library) *Slip No. 1 to SECR Policy Circular 03/2020; issued 2022-03-08 parent manual itself not in this list*
Policy on Type of Interlocking to be Adopted at Stations on SECR	SECR Policy Circular 03/2020	SECR S&T policy circular on the type of interlocking to be provided at stations, based on a Railway Board letter.	2020-03-06	South East Central Railway	Staged (SECR HQ library)
To Do Away with Practice of Unplugging of EI Cards	SECR Policy Circular 04/2019	SECR S&T policy circular discontinuing the practice of unplugging electronic interlocking cards.	2019-10-01	South East Central Railway	Staged (SECR HQ library)
Implementation of Standardization of Standard Circuit Issued by RDSO	SECR Policy Circular 05/2022	SECR S&T policy circular on implementing RDSO standard typical circuits for electronic interlocking.	2022	South East Central Railway	Staged (SECR HQ library)
Implementation of RDSO Typical Circuit Version 3.0 in Automatic Signalling	SECR Policy Circular 06/2025	SECR S&T policy guidelines for implementing automatic signalling based on the RDSO standard typical circuit version 3.0.	2025-09-09	South East Central Railway	Staged (SECR HQ library)
Operation of EI with Key-Board	SECR S&T Policy Letter No. EI-1026	SECR S&T letter on operating electronic interlocking with a keyboard, with an additional mouse and training of station staff.	2017-08-10	South East Central Railway	Staged (SECR HQ library)
SigDATE - Signal Interlocking Tools User Manual (IIT Kharagpur / RDSO)	IIT Kharagpur / RDSO Manual	User manual for the SigDATE signalling design automation tool, covering generating RCC from a yard layout, drawing points, axle counters and route naming.		IIT Kharagpur / RDSO	Live
STS/L/SSI/CA/US&S	RDSO Letter dated 22.06.2011 on Electronic Interlocking (Ver 3.0)	RDSO letter of 22.06.2011 to the Railway Board and zonal railways concerning electronic interlocking, filed as Ver 3.0 under Hitachi important letters.	2011-06-22	RDSO	Live

Axle counters & block working (78)

Axle counters (57)

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Proforma for HASSDAC Phase Reversal Type, CEL	RDSO SIF No. 0682 Ver 1	RDSO acceptance test proforma for High Availability Single Section Digital Axle Counter (phase reversal type) of CEL.	2017-09-22	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Axle Counter	ALTPRO User BO23 Documentation D215600-0501060102 Version 6	Altpro user documentation for the BO23 axle counter, covering technical description, outdoor and indoor units, wiring and application, supplied in India by Sigma Rail.	2016-12-08	ALTPRO	Live
An Insight into Multi Section Digital Axle Counter MSDAC-G39 (RDSO/SPN/176/2013 Ver 3.0), Version 16.0	G.G. Tronics 03.2020	G.G. Tronics presentation giving an overview of the MSDAC-G39 digital axle counter, its architecture, certification progress and salient features.	2020-03	G.G. Tronics	Live
A Quick Reference Guide to Siemens ACM 200 Axle Counting System	CAMTECH/S/PROJ/2023-24/SP1A	CAMTECH quick reference guide for signal maintainers on the Siemens ACM 200 axle counting system, its ZP D 43 wheel detection equipment, functions and features.	2023-04	CAMTECH	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	CEL 20.11.2025	CEL reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	CEL	RDSO intranet - being processed
CEL Installation Manual - Single Section Digital Axle Counter DACF 710P (Phase Reversal Type), CEL/DAC/IM-04 Ver 1.1	Central Electronics Limited Manual 31.08.2007	Central Electronics Limited installation manual for the DACF 710P single section digital axle counter, designed to RDSO/SPN/177/2005.	2007-08-31	Central Electronics Limited	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	CG Tronics 20.11.2025	CG Tronics reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	CG Tronics	RDSO intranet - being processed
Compendium of Guidelines for Quality and Reliability in Digital Axle Counter Systems Installations	RDSO Report SS/167/2024	RDSO compendium of digital axle counter specifications, pre-commissioning checklists and technical advisory notes.	2024	RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Eldyne 20.11.2025	Eldyne reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Eldyne	RDSO intranet - being processed
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Frauscher 20.11.2025	Frauscher reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Frauscher	RDSO intranet - being processed
Advanced Counter FAdC - System Description, Installation and Maintenance Practices (Day 1 Session 1)	Frauscher 06.04.2020	Frauscher presentation for Indian Railways on the FAdC axle counter system description and installation and maintenance practices and tools.	2020-04-06	Frauscher	RDSO intranet - being processed
Frauscher FAdC R2 - Technical Manual PdM100041 Version 3	Frauscher Sensor Technology India Pvt Ltd Manual 10.03.2020	OEM technical manual for the Frauscher FAdC R2 axle counter evaluator, covering intended use, safety and technical details.	2020-03-10	Frauscher Sensor Technology India Pvt Ltd	Live
Specification for Axle Counter Equipment	IRS:S 42-85 (1985)	Indian Railway Standard specification for axle	1985	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		counter equipment.			
Maintenance Handbook on Block Proving by Axle Counter using UFSBI	CAMTECH/S/PROJ/2011-12/HB-BPAC-UFSBI/1.0	CAMTECH maintenance handbook on block proving by axle counter using UFSBI.	2012-08	CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on Digital Axle Counter (Multi Section)	CAMTECH/2008/S/MSDAC/1.0	CAMTECH maintenance handbook on the multi section digital axle counter.	2008-12	CAMTECH	Staged (SECR HQ library)
Maintenance Guidelines for SSDAC (G.G. Tronics make, SSDAC-G36 2DP-1S)	RDSO Maintenance Note 7001 Ver 1	RDSO maintenance guidelines defining maintenance practices for the G.G. Tronics SSDAC-G36 2DP-1S single section digital axle counter.	2012-05-23	RDSO	Live
Maintenance Guidelines for SSDAC (CEL make)	RDSO Maintenance Note 7002 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the CEL single section digital axle counter (model 710P).	2012-05-23	RDSO	Live
Maintenance Guidelines for MSDAC (Thales make)	RDSO Maintenance Note 7003 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the Thales multi section digital axle counter and its hardware.	2012-05-23	RDSO	Live
Maintenance Guidelines for SSDAC (AzLS Ver 1.1, Thales make)	RDSO Maintenance Note 7004 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the Thales AzLS ver 1.1 single section digital axle counter.	2012-05-23	RDSO	Live
Maintenance Guidelines for MSDAC (Siemens make)	RDSO Maintenance Note 7005 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the Siemens Az S 350 U multi section digital axle counter.	2012-05-23	RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Medha 20.11.2025	Medha reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Medha	RDSO intranet - being processed
Multi Section Digital Axle Counter (MSDAC-G39) Operation and Maintenance Procedure	G.G.Tronics India Pvt Ltd MSDAC-G39-SYS-DGN-OMPR (18.07.2020)	G.G. Tronics operation and maintenance procedure for the MSDAC-G39 multi section digital axle counter.	2020-07-18	G.G.Tronics India Pvt Ltd	Live
Technical Advisory Note for Axle Counters	RDSO Letter Issuing TAN-7009	RDSO letter issuing technical advisory note TAN 7009 for axle counters to the firms.		RDSO	RDSO intranet - being processed
Technical System Application Approval (TSAA) of Digital Axle Counter Installations Before Commissioning	RDSO Letter No. RDSO-SIG0MISC(DACS)/1/2020	RDSO letter requiring TSAA of digital axle counter installations by the zonal CSE before commissioning, with a TSAA checklist.	2025-03-20	RDSO	Live
Letter No. STS/E/AC/Digital/CEL perfm - Policy on Block Proving by Axle Counter using OFC	RDSO Letter 30.09.2010	RDSO policy letter to zonal railways on use of block proving by digital axle counter with optical fibre.	2010-09-30	RDSO	Live
Letter No. STS/E/AC/Digital/Genl - Provision of SSDAC in Parallel with UAC in	RDSO Letter 06.09.2011	RDSO letter on providing SSDAC in parallel with UAC for redundancy in block proving by axle counter,	2011-09-06	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
BPAC Application		with suggested circuit changes.			
ATP Sigma MSDAC Version 5.0	RDSO Letter RDSO-SIGOMDAC (SIGM)/1/2020 to Sigma Rail Systems	RDSO letter to Sigma Rail Systems Pvt. Ltd., Kolkata, concerning the MSDAC version 5.0.		RDSO	Live
Letter STS/E/AC/ABS - Scheme and Guidelines for Automatic Block Signalling using MSDAC	RDSO Letter 27.06.2008	RDSO letter to chief signal and telecom engineers giving the scheme and guidelines for automatic block signalling using multi section digital axle counters.	2008-06-27	RDSO	Live
Letter STS/E/AC/Digital/Genl - Standardisation of Block Proving by Axle Counter (BPAC) Policy	RDSO Letter 27.07.2011	RDSO letter to the Railway Board on standardisation of systems for block proving by axle counter.	2011-07-27	RDSO	Live
Letter STS/E/IBS with UFSBI - Scheme for Intermediate Block Signalling Working along with BPAC with MSDAC	RDSO Letter 19.09.2008	RDSO letter to chief signal and telecom engineers on the scheme for IBS working along with block proving by axle counter using MSDAC.	2008-09-19	RDSO	Live
Letter STS/E/IBS with UFSBI - Scheme for Intermediate Block Signalling Working with Digital Axle Counter on Double Line (2007)	RDSO Letter 2007	RDSO letter on the scheme for IBS working with digital axle counters on double line.	2007	RDSO	Live
Guidelines and Precautions for Installation of Digital Axle Counters (Compendium of Axle Counter TANs)	RDSO TAN STS/E/TAN/7010 Ver 2.0	RDSO technical advisory note compiling guidelines and precautions for installing SSDAC, HASSDAC and MSDAC digital axle counters.	2026-06-06	RDSO	Live
Precautions to be Taken While Opening and Reinstalling Axle Detectors of Digital Axle Counters During Engineering Works	RDSO Version 1.0 (20.08.2026)	RDSO S&T Vertical note on precautions and standard procedure for opening and reinstalling axle detectors of digital axle counters during engineering works, first issue.	2026-08-20	RDSO	Live
Guidelines for Re-setting Arrangement of DAC Track Sections in Parallel to DC Track Circuits in Yard	SECR Policy Circular (2026)	SECR S&T policy guidelines on re-setting arrangement of digital axle counter sections in parallel to DC track circuits in yards; supersedes Policy Circular 01/2024.	2026-08-27	South East Central Railway	Staged (SECR HQ library)
Guidelines for Provision of Axle Counter Track Sections in Parallel to DC Track Circuits	SECR Policy Circular 01/2024	SECR S&T policy circular on axle counter track sections in parallel to DC track circuits to improve availability.	2024-05-02	South East Central Railway	Staged (SECR HQ library)
Guidelines for Installation of Standby Digital Axle Counter	SECR Policy Circular 02/2025	SECR S&T policy circular on installing standby digital axle counters, including as standby to DC track circuits within stations.	2025-06-21	South East Central Railway	Staged (SECR HQ library)
Axle Counter and Track Circuit Schemes in Sections Having IBS	SECR Policy Circular 03/2019	SECR S&T policy circular prescribing two schemes of axle counter and track circuit arrangement in sections with IBS.	2019-05-06	South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Location of MSDAC Evaluators for Auto Signalling in Third and Fourth Line Work	SECR Policy Circular 08/2020	SECR S&T policy circular on location of evaluators for auto signalling in third and fourth line work.	2020-05-29	South East Central Railway	Staged (SECR HQ library)
Resetting Circuit for Systems with Standby SSDAC for BPAC	SECR S&T Policy Letter No. 371 (13.05.2014)	SECR S&T letter on the reset circuit for standby SSDAC for BPAC, referring to SECR typical circuit 13/10 (ALT 2).	2014-05-13	South East Central Railway	Staged (SECR HQ library)
Acceptance Test Proforma for SSDAC-G36 3DP1S Configuration of G.G. Tronics, with covering letter	RDSO SI-F-7.1-0660 Ver 1.0	RDSO letter issuing the acceptance test format for G.G. Tronics single section digital axle counter SSDAC-G36 in 3DP1S configuration per RDSO/SPN/177/2012 Ver 3.0.	2021-12-30	RDSO	Live
Acceptance Test Format for Solid State Block Proving by Axle Counter (Digital) Single Line, Efftronics	RDSO SI-F-7.1-0670 Ver 1.0	RDSO acceptance test format for Efftronics single line digital solid state block proving by axle counter per RDSO/SPN/175/2005 Ver 1.	2016-05-06	RDSO	Live
Acceptance Test Format for Solid State Block Proving by Axle Counter (Digital) Double Line, Efftronics	RDSO SI-F-7.1-0672 Ver 1.0	RDSO acceptance test format for Efftronics double line digital solid state block proving by axle counter per RDSO/SPN/175/2005 Ver 1.	2016-05-06	RDSO	Live
Acceptance Test Proforma for MSDAC-G39 of G.G. Tronics, with covering letter	RDSO SI-F-7.1-1604 Ver 1.1	RDSO letter issuing the modified acceptance test format for the G.G. Tronics G39 multi section digital axle counter per RDSO/SPN/176/2013 Ver 3.0.	2020-12-31	RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Siemens 20.11.2025	Siemens reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Siemens	RDSO intranet - being processed
Az S 350 U Microcomputer Axle Counting System (amended for Indian Railways)	Siemens Maintenance Instructions M0110058886 Rev D	Siemens maintenance instructions for the Az S 350 U microcomputer axle counting system as amended for use on Indian Railways.	2006-11-07	Siemens AG	Live
Siemens Multi Section Digital Axle Counter (ACM200 & ZP D43) - System Description & Installation Guidance	Siemens Mobility	Siemens Mobility description and installation guidance for the Clearguard ACM 200 axle counting system and ZP D43 wheel detection equipment.		Siemens Mobility	Live
Acceptance Test Proforma for SSDAC-G36 of G.G. Tronics, with covering letter	RDSO SIF 0656 Ver 4.1	RDSO letter issuing corrected acceptance test proformas SIF 0656 Ver 4.1 and SIF 0680 Ver 2.1 for G.G. Tronics single section digital axle counters.	2022-09-13	RDSO	Live
Acceptance Test Proforma for MSDAC of CEL Sahibabad, with covering letter	RDSO SIF 0666 Ver 2.0	RDSO letter issuing the revised acceptance test proforma for the CEL multi section digital axle counter, covering the new AD-711FS axle detector.	2022-10-21	RDSO	Live
Acceptance Test Proforma for HA-SSDAC-G36R of G.G. Tronics, with covering letter	RDSO SIF 0680 Ver 2.1	RDSO letter issuing corrected acceptance test proformas SIF 0656 Ver 4.1 and SIF 0680 Ver 2.1 for G.G. Tronics single section digital axle counters.	2022-09-13	RDSO	Live
Acceptance Test Proforma for Multi	RDSO SIF 7.1-1602 Ver 5.5	RDSO letter issuing the revised acceptance test	2025-09-15	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Section Axle Counter FAdC R2 of Frauscher, with covering letter		proforma for the Frauscher FAdC R2 multi section digital axle counter, effective from 15.09.2025.			
Acceptance Test Proforma for SSDAC of M/s CEL (Amplitude / Phase Reversal Type)	RDSO SIF No. 0638 Ver 9	RDSO acceptance test proforma for single section digital axle counter of CEL as per RDSO/SPN/177, with amendment history.	2017-09-22	RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Sigma 20.11.2025	Sigma reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Sigma	RDSO intranet - being processed
STS/E/AC/ABS - Provision of SSDAC in MTJ-PWL Section, Scheme for Auto Reset (letter dated 18.05.2010)	RDSO Letter 18.05.2010	RDSO letter to IRPMU on provision of single section digital axle counters in the MTJ-PWL section, with auto reset circuit recommendations.	2010-05-18	RDSO	Live
STS/E/AC/Digital/Genl	RDSO Training of Railway Supervisors by OEM (letter dated 24.06.2011)	RDSO letter to digital axle counter makers asking them to run monthly hands-on training courses for railway supervisors to improve equipment reliability.	2011-06-24	RDSO	Live
Digital Axle Counter Wiring Discipline	RDSO TAN 6001	RDSO technical advisory note on wiring discipline for digital axle counters.	2011-10-04	RDSO	RDSO intranet - being processed
Guidelines for Use of SSDAC/MSDAC in Lightning Prone Areas	RDSO TAN 7005 Version 1.0	RDSO technical advisory note on lightning protection for digital axle counters in lightning prone areas.		RDSO	RDSO intranet - being processed
Installation of HA-SSDAC, Reliability Improvement in High Availability Axle Counters	RDSO TAN 7008	RDSO technical advisory note on installation of high availability SSDAC.	2019-12-16	RDSO	RDSO intranet - being processed

Block instruments & block working (19)

Title	Doc no.	Subject	Issued	Issuer	Status
Users Manual for Block Proving with Axle Counter using UFSBI for Double Line (IRS:S-105/2012)	Deltron Equipment & Systems BPAC/UM/DL 1.0	User manual for block proving with axle counter using UFSBI on double line, describing block panel components and relay nomenclature.		Deltron Equipment & Systems	Live
Pamphlet	Double Line Tokenless Handle Type Block Instrument, Ver 2.0 (CAMTECH/S&T/S/2009/P/DLBI/ 2.0)	CAMTECH pamphlet on the double line tokenless handle type block instrument.	2009-11	CAMTECH	Live
SSBPAC (Digital) Volume II: System Description	CAMTECH/S&T/2022-23/ SSBPAC-D/VOL II/1.0	CAMTECH volume describing the Solid State Block Proving by Axle Counter - Digital system, prepared with Efftronics Systems.	2022-07	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
SSBPAC (Digital) Volume III: Installation, Testing & Commissioning	CAMTECH/S&T/2022-23/ SSBPAC-D/VOL III/1.0	CAMTECH volume on installation, testing and commissioning of Solid State Block Proving by Axle Counter - Digital, prepared with Efftronics Systems.	2022-09	CAMTECH	Live
SSBPAC (Digital) Volume IV: Maintenance & Troubleshooting	CAMTECH/S&T/2022-23/ SSBPAC-D/VOL IV/1.0	CAMTECH volume on maintenance and troubleshooting of Solid State Block Proving by Axle Counter - Digital, prepared with Efftronics Systems.	2022-10	CAMTECH	Live
Compendium of Guidelines for Quality and Reliability in Universal Fail-Safe Block Interface (UFSBI) Installations	RDSO Report SS/168/2024	RDSO compendium containing the IRS:S-104/2012 UFSBI specification and pre-commissioning checklists for UFSBI.	2024	RDSO	Live
Specification for Double Line Block Instrument (DLBI)	IRS:S 22/2016 Version 1.0	Specification of the double line block instrument suitable for Indian Railways.	2016-04-28	RDSO	Live
Specification for Push Button Type Single Line Tokenless Block Instrument	IRS:S 32-66 (1966)	Indian Railway Standard specification for push button type single line tokenless block instruments.	1966	RDSO	Live
Specification for Filter Unit for Block Instruments in 25 kV AC Traction Areas	IRS:S 68-89 (1989)	Indian Railway Standard specification for filter unit used with block instruments in 25 kV 50 Hz AC traction areas.	1989	RDSO	Live
Indian Railway Standard Specification for Single Line Tokenless Block Instrument, Handle Type	IRS:S 98-2001	Specification for the handle type single line tokenless block instrument used for block working.	2001	RDSO	Live *Same document also found in: SECR HQ staged library (merged, see DUPLICATES.tsv)*
Maintenance Handbook on Double Line Block Instrument Ver 2	CAMTECH/2006/S/SGE BI/2.0	CAMTECH maintenance handbook on the double line (SGE) block instrument.	2006	CAMTECH	Staged (SECR HQ library)
Block Working Inbuilt in Electronic Interlocking System	RDSO Letter No. RDSO-SIG0EI(GEN)/1/2020	RDSO letter on field trials of block working built into electronic interlocking with the same make of EI at adjacent stations, naming trial sections on several zonal railways.	2022-07-27	RDSO	Live
Letter No. STS/E/FOFIS/UFSBI/Deltron - Block Working on Wireless Media using UFSBI and 2.4 GHz FHSS Radio	RDSO Letter 06.10.2010	RDSO letter approving radio interface for UFSBI over 2.4 GHz FHSS radio in 20 block sections for extended field trials, with application conditions.	2010-10-06	RDSO	Live
Universal Fail-Safe Block Interface (UFSBI)	RDSO/SPN/147/2005 Ver 1.0	Specification for the universal fail-safe block interface, effective 04.04.05.	2005-04-04	RDSO	Staged (SECR HQ library)
Provision of Block Proving by Axle Counter with UFSBI or SSBI in lieu of Single Line Token Less Block Instrument	SECR Policy Circular 01/2013	SECR S&T policy circular on RDSO approved block proving by axle counter with fail safe block interface or SSBI instead of token less block instruments.	2013-02-22	South East Central Railway	Staged (SECR HQ library)
Policy for Adoption of Block Instruments	SECR Policy Circular 01/2018	SECR S&T policy for adoption of block instruments	2018-05-28	South East Central	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
over SECR		irrespective of route class, based on Railway Board letters.		Railway	HQ library)
Permissible Length of Reliable Working of Various Block Instruments and DACs	SECR S&T Policy Letter No. 724 (03.07.2009)	SECR S&T letter forwarding a Railway Board letter on permissible length of reliable working of block instruments and digital axle counters.	2009-07-03	South East Central Railway	Staged (SECR HQ library)
STS/E/Foffis/UFSBI Vol-I - Use of UFSBI with CR1 and CR2 Information across Block Section	RDSO 11.03.2011	RDSO letter of 11.03.2011 to zonal railways on use of UFSBI with CR1 and CR2 information across the block section.	2011-03-11	RDSO	Live
TLBI Contact Operation - Step-by-Step Table of Block Handle Contacts and Relays	STTC Nainpur (likely)	Table of block-handle contact and relay operations for a train from station L (TGT) to station R (TCF) on tokenless block instruments.		STTC Nainpur (likely)	Live

Other block (2)

Title	Doc no.	Subject	Issued	Issuer	Status
Provision of Standby DC Track Circuits to BPACs of Small Block Sections	SECR Policy Circular 03/2021	SECR S&T policy circular on providing standby DC track circuits to BPACs in small block sections.	2021-12-06	South East Central Railway	Staged (SECR HQ library)
Planning and Commissioning of Intermediate Block Signal (IBS)	SECR Policy Circular 04/2013	SECR S&T policy circular on planning and commissioning of IBS, addressing deficiencies noted by the CRS in proposals.	2013-06-19	South East Central Railway	Staged (SECR HQ library)

Track circuits, relays & points (47)

Track circuits (15)

Title	Doc no.	Subject	Issued	Issuer	Status
Guidelines for Using Weld Material for Track Circuit Applications - STS/E/Exothermic Weld	RDSO Guidelines 03.06.2010	RDSO letter to railways with guidelines on using exothermic weld material for track circuit applications.	2010-06-03	RDSO	Live
Guidelines to Railways for Covering Welding Material by Both Firms - STS/E/Exothermic Weld	RDSO Guidelines 05.08.2009	RDSO letter to railways on covering exothermic welding material supplied by both approved firms.	2009-08-05	RDSO	Live
Specification for Channel Pins (for Bonding Track Circuiting Wires)	IRS:S 17-75 Rev 3 (1975)	Indian Railway Standard specification for single groove channel pins used for bonding track circuit wires.	1975	RDSO	Live
Specification for Nylon Insulated Joints and Nylon Components	IRS:S 40-84 (1984)	Indian Railway Standard specification for nylon insulated joints and nylon components, with	1984	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		Amendment 1.			
Specification for Choke Coil for Single Rail Track Circuits on 25 kV 50 Hz AC Electrified Section (with Amendments 1 and 2)	IRS:S 65-1983	Indian Railway Standard specification for choke coil for single rail track circuits on 25 kV AC electrified sections.	1983	RDSO	Live
List of Competency Certificates Issued by RDSO to Welding Technicians of the Firm	RDSO	List of competency certificates issued by RDSO to welding technicians; text not available.		RDSO	RDSO intranet - being processed
Guidelines for Extension of Validity of Recommended Firms	Welding Material for Track Circuit Applications (IRS:S 103/2004)	RDSO guidelines on extending validity of firms recommended for welding material for track circuit applications.		RDSO	RDSO intranet - being processed
Competency Certificate to Welding Technicians; Guidelines for Using Weld Material for Track Circuit Application	RDSO Letter 2010	RDSO guidelines on weld material for track circuit application to improve reliability.	2010	RDSO	RDSO intranet - being processed
Letter	Supply of Welding Material for Track Circuit Application (IRS:S 103/2004)	RDSO letter naming firms recommended for supply of welding material for track circuits.		RDSO	RDSO intranet - being processed
Approach Track Circuit for Calling-On Signal below Starter	SECR Policy Circular 01/2014	SECR S&T policy circular on the approach track circuit for a calling-on signal below the starter, following IRSEM correction slip 18.	2014	South East Central Railway	Staged (SECR HQ library)
Provision of One DP at the Foot of Home Signal in Automatic Signalling	SECR Policy Circular 01/2020	SECR S&T policy circular on providing one DP at the foot of the home signal in automatic signalling.	2020-03-02	South East Central Railway	Staged (SECR HQ library)
Bifurcation of Point Zone Track Circuits Having More Than Two Points	SECR Policy Circular 04/2015	SECR S&T policy circular on bifurcating point zone track circuits with more than two points, following Railway Board instructions.	2015	South East Central Railway	Staged (SECR HQ library)
Provision of Dual Detection in the Station Yard	SECR Policy Circular 06/2014	SECR S&T policy circular on dual track detection with UAC as standby for DC track circuits at critical point zones.		South East Central Railway	Staged (SECR HQ library)
Provision of PVC Handrail in Track Circuited Section	SECR S&T Policy Letter No. 541 (06.06.2008)	SECR S&T letter forwarding an RDSO specification on PVC handrail covering for traction bonds in track circuited sections.	2008-06-06	South East Central Railway	Staged (SECR HQ library)
STS/E/Exothermic Weld	Welding Material for Track Circuit Application as per IRS:S 103/2004	RDSO letter of 17 June 2010 to firms on welding material for track circuit application as per IRS:S 103/2004, relating to aluminium track lead wires.	2010-06-17	RDSO	Live

Relays (22)

Title	Doc no.	Subject	Issued	Issuer	Status
Compendium of Guidelines for Quality & Reliability in Railway Signaling Relays	RDSO Report SS/170/2024	RDSO compendium of relay specifications, testing standards and reliability guidelines for railway signalling relays.	2024	RDSO	Live
Guidelines for Railways and Relay Manufacturers on Reliability - STS/E/Relays/Genl. Misc.	RDSO Guidelines 06.2008	RDSO letter to railways on reliability guidelines for signalling relays and relay manufacturers.	2008-06	RDSO	Live
Guidelines for Using Plug-in Type (Metal to Carbon) Relays - STS/E/Relays/Genl. Misc.	RDSO Guidelines 27.07.2011	RDSO letter to railways with guidelines on using plug-in type metal to carbon relays.	2011-07-27	RDSO	Live
Guidelines on Problem of Ingress of Ants in Plug-in Type Relays - STS/E/Relays/Genl. Misc.	RDSO Guidelines 02.08.2011	RDSO letter to relay manufacturers on the problem of ants entering plug-in type relays.	2011-08-02	RDSO	Live
Guidelines to Metal to Carbon Relay Firms - Instructions for relay quality improvement	RDSO Guidelines 02.2026	RDSO Quality Assurance instructions to metal to carbon relay makers for quality improvement after process audits, including 100% final testing and contact weight checks.	2026-02	RDSO	Live
Specification for D.C. Polarised Relay, 3-Position	IRS:S 31-80 (1980)	Indian Railway Standard specification for D.C. 3-position polarised relays.	1980	RDSO	Live *Same document also found in: SECR HQ staged library (merged, see DUPLICATES.tsv)*
Specification for Testing Railway Signalling Relays (General), with Amendment 6	IRS:S 34-68 (1968)	Indian Railway Standard specification laying down procedure for basic climatic tests on signalling relays.	1968	RDSO	Live
Specification for D.C. Neutral Line Relay (Proved Type) for Railway Signalling	IRS:S 46-74 (1974)	Indian Railway Standard specification for D.C. neutral line relay, proved type, for railway signalling.	1974	RDSO	Live *Same document also found in: SECR HQ staged library (merged, see DUPLICATES.tsv)*
Specification for AC Immunisation Characteristics of DC Neutral Tractive Armature Miniature Plug-in Type Line Relays	IRS:S 60-78 (1978)	Indian Railway Standard specification for AC immunisation characteristics of DC neutral tractive armature miniature plug-in type line relays.	1978	RDSO	Live
Specification for Silver Impregnated	IRS:S 67-85 (1985)	Indian Railway Standard specification for silver	1985	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Graphite Contacts for Railway Signalling Relays (with Amendment 3)		impregnated graphite contacts for signalling relays.			
Installation and Maintenance of Q Series Metal to Carbon Relays	RDSO TAN STS/E/TAN/1001 Ver 0.0	RDSO technical advisory note on metal to carbon relays, forwarded to zonal railways.	2026-01-22	RDSO	Live
Precautions in Manufacturing of Plug-in Type (Metal to Carbon) Relays	RDSO/SPN/198/2009 Ver 0 (Draft)	Draft specification on precautions in manufacturing plug-in type metal to carbon relays, effective 04-12-2009.	2009-12-04	RDSO	Live
Key Lock Checking Relay with DC Neutral Relay (RDSO letter STS/E/Relay/Siemens, 14.07.2017)	RDSO/SPN/219 Ver 1.0 with Amendment 1 (14.07.2017)	RDSO letter on specification for key lock checking relay with DC neutral relay.	2017-07-14	RDSO	Live
Employing QNA1 Relays for Indoor and Outdoor Circuits in Small Installations	SECR Policy Circular 02/2014	SECR S&T policy circular on using QNA1 relays for indoor and outdoor circuits at small installations such as LC gates and IBH.		South East Central Railway	Staged (SECR HQ library)
Housing of QSPA1 (First Repeater of Track Relay) in Goomties	SECR Policy Circular 02/2020	SECR S&T policy circular on housing the QSPA1 first track relay repeater in goomties.	2020-03-06	South East Central Railway	Staged (SECR HQ library)
Provision of Standby Flasher Relay at PI/RRI Installations	SECR Policy Circular 05/2015	SECR S&T policy circular providing standby flasher relays at PI/RRI installations after a flasher relay failure caused a panel failure.	2015	South East Central Railway	Staged (SECR HQ library)
Parallel Contact in Outdoor Cutting-in Relays	SECR Policy Circular 07/2013	SECR S&T policy circular on providing parallel front contacts of cutting-in relays in signal control circuits.	2013-10-23	South East Central Railway	Staged (SECR HQ library)
Use of QSRA1 Slow to Release AC Immunised DC Neutral Relay	SECR Policy Circular 1072	SECR S&T circular on use of QSRA1 slow to release relays instead of locally added condensers and resistors.	2011-07-26	South East Central Railway	Staged (SECR HQ library)
Number of Contacts in Metal to Carbon Relay Circuits	SECR S&T Policy Letter No. 59 (08.04.2011)	SECR S&T letter on limiting the number of contacts in circuits using metal to carbon contact relays, citing the Signal Engineering Manual.	2011-04-08	South East Central Railway	Staged (SECR HQ library)
Plug-in Type Metal to Carbon Relays	SECR S&T Policy Letter No. 722 (03.07.2010)	SECR S&T letter forwarding a Railway Board letter on plug-in type metal to carbon relays.	2010-07-03	South East Central Railway	Staged (SECR HQ library)
Universal Plug-in Tractive Armature AC Lamp Proving Relay M to C for 110V AC LED Signal Lamp	RDSO STS/E/Relays/009 Amendment 1 (20.09.2002)	RDSO letter of 20 September 2002 to zonal railways on Amendment 1 to the specification for the plug-in AC lamp proving relay for 110V AC LED signal lamps.	2002-09-20	RDSO	Live
Summary of Guidelines on Improvement in Reliability of Plug-in Type (Metal to Carbon) Relays	RDSO Guidelines 10.01.2002	Chronological summary of steps taken to improve reliability of plug-in type metal to carbon relays, including contact cleaning.	2002-01-10	RDSO	Live

Points & point machines (9)

Title	Doc no.	Subject	Issued	Issuer	Status
Specification for Electric Point Machine, Non Trailable Type	IRS:S 24-2025 Rev 3.0	Specification for the non trailable type electric point machine.	2025-01-08	RDSO	Live
Specification for Motor for Electric Point Machine	IRS:S 37-2022 Version 2.0	Specification for motor for electric point machine, including IP-67 compliant motor requirements.	2022-01-01	RDSO	Live
Specification for Electrical Point Detector	IRS:S 49-74 (1974)	Indian Railway Standard specification for the electrical point detector.	1974	RDSO	Live
Maintenance Handbook on Circuit Controller	CAMTECH/S/2002/CC/1.0	CAMTECH maintenance handbook on the circuit controller (modified design) used with signals, points and level crossing gates.	2002	CAMTECH	Staged (SECR HQ library)
Modified Drawings of Lock Rod, Detector Rod and Drive Rod Lug for 220mm Throw Point Machine (Drg 3454 ALT-B)	RDSO Letter STS/E/PM/220mm Vol-II (25.01.2023)	RDSO letter to manufacturers and workshops on modified drawings of lock rod, detector rod and drive rod lug for the 220mm throw point machine, with ground connection drawings superseded.	2023-01-25	RDSO	RDSO intranet - being processed
Installation, Wiring, Testing and Maintenance Practices for Electric Point Machines	RDSO TAN STS/E/TAN/EPM/2003 Ver 0.0	RDSO technical advisory note on installation, wiring, testing and maintenance of electric point machines.	2026-09-01	RDSO	Live
Modified Point Detection Circuit	SECR Policy Circular 05/2025	SECR S&T policy guidelines for implementing the modified point detection NDKR1/RDKR1 circuit, following a Railway Board letter.	2025	South East Central Railway	Staged (SECR HQ library)
Use of QBCA1 Relays for Point Operation in EI	SECR Policy Circular 09/2020	SECR S&T policy circular on using QBCA1 relays for point operation in electronic interlocking.	2020-06-09	South East Central Railway	Staged (SECR HQ library)
Overhauling and Testing of Point Machines before Installation	SECR Policy Circular 669 (01.06.2012)	SECR S&T circular on overhauling and testing point machines before installation to avoid early failures.	2012-06-01	South East Central Railway	Staged (SECR HQ library)

Other track equipment (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Manual for Glued Insulated Rail Joints (Revised 2024)	RDSO Manual 2024	RDSO manual for glued insulated rail joints, incorporating the January 2020 provisional specification for refurbishing and in-situ fabrication.	2024	RDSO	Live

Signals, LC gates, cables, power & earthing (87)

Signals & signal lamps (32)

Title	Doc no.	Subject	Issued	Issuer	Status
Specification for Colour Light Signal, Multi-Unit Type	IRS:S 26-64 Ver 1 (1964)	Indian Railway Standard specification for multi-unit type colour light signals.	1964	RDSO	Live
Specification for Route Indicator, Direction Type, 5 Lamp Unit Arms, 1 to 6 Way (with Amendment 1)	IRS:S 66-84 Rev 0 (1984)	Indian Railway Standard specification for direction type route indicators with 5 lamp unit arms.	1984	RDSO	Live
Signal Colour Light (Two Aspect) Back Ground	RDSO Drawing S 23052 M Alt-3	RDSO drawing of the background plate of a two aspect colour light signal with drilling and painting notes.		RDSO	RDSO intranet - being processed
Mounting Base of Route Indicator Direction Type	RDSO Drawing S 23420	RDSO drawing of the mounting base of a direction type route indicator with painting and tolerance notes.		RDSO	RDSO intranet - being processed
Signal Base 140mm Dia	RDSO Drawing S-2011 M	RDSO drawing of a cast iron signal base for 140mm dia post with dimensions and finish notes.		RDSO	RDSO intranet - being processed
Ladder Foundation	RDSO Drawing S2033 M	RDSO drawing of ladder foundation for signal ladders of 6.0 m to 10.5 m with drilling and weight notes.		RDSO	RDSO intranet - being processed
Mounting Socket (140mm Dia)	RDSO Drawing S23005-M Alt-1	RDSO drawing: mounting socket for 140mm dia signal post with painting notes; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Terminal Box for Signal Colour Light	RDSO Drawing S23009-M Alt-3	RDSO drawing: terminal box with terminal block fixing holes; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Signal Colour Light Cover (Multi-Unit Type, 3 Aspects)	RDSO Drawing S23013-A Alt-4	RDSO drawing: cover of multi-unit type 3 aspect colour light signal; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Signal Colour Light Cover	RDSO Drawing S23013-M Alt-3	RDSO drawing: cover of colour light signal with asbestos jute packing; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Signal Colour Light Top Plate	RDSO Drawing S23022-M Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Signal Colour Light 4 Aspect Background	RDSO Drawing S23050-M Alt-3	RDSO drawing: background plate of a 4 aspect colour		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
		light signal with drilling notes; scanned, text partly unreadable.			being processed
Signal Colour Light 3 Aspect Background	RDSO Drawing S23051-M Alt-3	RDSO drawing: background plate of a 3 aspect colour light signal with drilling notes; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Signal Colour Light Terminal Block	RDSO Drawing S23055-M Alt-3	RDSO drawing: terminal block (2-way and 4-way) with bitumen filling compound; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Terminal Box Cover for Two Aspect Colour Light Signal	RDSO Drawing S23068-M Alt-2	RDSO drawing: terminal box cover of a multi-unit type 2 aspect colour light signal; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Base Plate for Block Section Limit Board	RDSO Drawings S-2374-75 Alt-1	RDSO drawing of base plate for block section limit board SA 2373, with weld and drilling dimensions.		RDSO	RDSO intranet - being processed
Signal Colour Light Cover	RDSO Drawings S23012-M and S23010-M Alt-3	RDSO drawing: signal colour light cover with packing and fixing plate; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Transformer Terminal, Signal Colour Light and Eye Bolt	RDSO Drawings S23020-21-M Alt-2	RDSO drawing: transformer, terminal, spacer and eye bolt; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Light Unit Hood and Signal Colour Light Bolt	RDSO Drawings S23026-M Alt-2 and S23067-M Alt-1	RDSO drawing: light unit hood with slots aligned to lens ring; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Light Unit Bracket, Lens Holder and Bush	RDSO Drawings S23027-28-29-M Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Lamp Holder Unit Bolt and Signal Colour Light Hasp	RDSO Drawings S23036-M Alt-3 and S23039A Alt-4	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Signal Colour Light Terminal Block	RDSO Drawings S23054-M Alt-3 and S23056-M Alt-1	RDSO drawing: 2-way and 4-way terminal block with bitumen filling compound; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Connecting Link, Link, Insulating Tag and Hinge Rod	RDSO Drawings S23057-58-59-M Alt-4 and S23060-M Alt-3	RDSO drawing: connecting link, link, insulating tag and hinge rod for signal colour light; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Guidelines for Fuse Rating on Route LED Aspects	RDSO TAN STS/E/TAN/2001 Ver 1.0	RDSO technical advisory note on fuse rating for route LED signal aspects.	2015-06-04	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Improvement in Maintenance Practices for Main LED Signal Lamps	RDSO TAN STS/E/TAN/2002 Ver 0.0	RDSO technical advisory note on maintenance practices for main LED signal lamps.	2026-05-29	RDSO	Live
Policy Circular - Provision of 3 Seconds Time Delay in All HR Relays in Station Limit	SECR Circular	SECR S&T policy circular on a 3 second time delay in HR relays in station limits, citing G&SR para 3.36(2).		South East Central Railway	Staged (SECR HQ library)
Standardisation of Fuse Rating in All Signal Lighting Circuits	SECR Policy Circular 01/2021	SECR S&T policy circular standardising fuse ratings in signal lighting circuits, per IRSEM and an RDSO TAN.	2021-12-06	South East Central Railway	Staged (SECR HQ library)
Standardisation of Fuse Rating in Signal Lighting Circuits for LED Signals	SECR Policy Circular 01/2021	SECR S&T policy circular standardising fuse ratings in signal lighting circuits for LED signals, referring to IRSEM and an RDSO TAN.	2021	South East Central Railway	Staged (SECR HQ library)
Commissioning of Signals over Main Line with 4 Aspect Signal Units for Future Automatic Signalling	SECR Policy Circular 01/2025	SECR S&T policy guidelines for commissioning signals on main lines with 4 aspect signal units to cater to future automatic signalling.	2025-03-03	South East Central Railway	Staged (SECR HQ library)
Provision of Yellow Aspect in Main Line Starter at Stations with 3rd/4th Line	SECR Policy Circular 05/2020	SECR S&T policy circular on providing yellow aspect in main line starters at stations with third and fourth lines.	2020-04-22	South East Central Railway	Staged (SECR HQ library)
Provision of 4 Aspect Home Signal in New Works for Prospective Use	SECR Policy Circular 11/2020	SECR S&T policy circular on providing 4 aspect home signals in new works, with the aspect control chart.	2020-07-30	South East Central Railway	Staged (SECR HQ library)
Provision of Various Speed Limit Boards by Engineering Department	SECR S&T Policy Letter No. 470 (21.05.2007)	SECR S&T letter on speed limit boards provided on signal posts to comply with G&SR 4.10.02 and IRPWM para 410.	2007-05-21	South East Central Railway	Staged (SECR HQ library)

Level crossing gates (13)

Title	Doc no.	Subject	Issued	Issuer	Status
Pamphlet on Wire & Wireless Communication Level Crossing Gate Equipment	CAMTECH 2010	Guidance pamphlet on wire and wireless communication equipment for level crossing gates.	2010	CAMTECH	Live
Feedback Format for Stainless Steel Electric Lifting Barrier Boom	RDSO	Blank feedback format for stainless steel electric lifting barrier booms listing railway, gate, make, installation date, operations and failure details.		RDSO	RDSO intranet - being processed
Provision of Safety Devices at Level Crossing Gates (Warning Bell or Hooter)	Railway Board Letter No. 2011/SIG/WP/LC/IR/1	Railway Board letter on a comprehensive policy for safety devices at level crossing gates, including warning bell or hooter at interlocked gates.	2013-02-20	Railway Board	Live
Letter No. STS/E/LC - Mitigation Measures for Boom Breakage at Interlocked LC Gates (02.08.2011)	RDSO Letter 02.08.2011	RDSO letter on trial options (sliding boom barrier, double electric lifting barriers) to minimise train detention when booms break at interlocked gates in	2011-08-02	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		station limits.			
Letter No. STS/E/LC - Mitigation Measures for Boom Breakage at Interlocked LC Gates (26.08.2011)	RDSO Letter 26.08.2011	RDSO follow-up letter on measures to minimise detention to trains from boom breakage at interlocked gates in station limits, referring to Railway Board trial directions.	2011-08-26	RDSO	Live
Letter STS/E/ELB - Supply of ELB with GI Boom and Motorised Locking	RDSO Letter 01.09.2011	RDSO letter to firms on supply of electric lifting barriers with GI boom and motorised locking.	2011-09-01	RDSO	Live
Letter STS/E/ELB Vol-IX dated 30.10.2017 on Stainless Steel Electric Lifting Barrier Boom	RDSO Letter 30.10.2017	RDSO Signal Directorate letter of 30 October 2017 addressed to the Chief Signal and Telecom Engineers of zonal railways regarding SS electric lifting barrier booms.	2017-10-30	RDSO	RDSO intranet - being processed
Specification for Electric Lifting Barrier	RDSO/SPN/208/2012 Ver 2.0 (Draft) with Amendment 1	Draft specification for electric lifting barrier, issue date 19.03.2012.	2012-03-19	RDSO	Live
Level Crossing Gates with Voice Logger - Block Section, Gate No. and km	SECR 09.10.2026	Table of SECR level crossing gates provided with voice logger, giving block section, gate number and km for Bilaspur and Nagpur divisions.	2026-10-09	South East Central Railway	Live
Uniform Use of 110 V AC Operated Lifting Barriers over SECR	SECR Policy Circular 04/2022	SECR S&T policy on uniform use of 110V AC operated electric lifting barriers at interlocked gates.	2022	South East Central Railway	Staged (SECR HQ library)
Standardization of Road Signals Aspects at Interlocked LC Gates	SECR Policy Circular No. 03/2015	SECR S&T policy circular standardizing road signal aspects at interlocked level crossing gates.		South East Central Railway	Staged (SECR HQ library)
Provision of Sliding Barriers at Interlocked LC Gates	SECR S&T Policy Letter No. LC-726 (07.07.2017)	SECR S&T letter on sliding barriers at interlocked level crossing gates, referring to Railway Board letters.	2017-07-07	South East Central Railway	Staged (SECR HQ library)
Technical Advisory Note STS/E/TAN/3020 Ver 1.0 for Electric Lifting Barrier (RDSO/SPN/208/2012 Ver 2.0), with covering letter	RDSO Letter 02.02.2026	RDSO letter issuing the Technical Advisory Note for electric lifting barriers conforming to RDSO specification RDSO/SPN/208/2012 Ver 2.0.	2026-02-02	RDSO	Live

Cables & cabling (11)

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on Electrical Power Cables for General Services	CAMTECH/E/2006/CABLES/1.0	CAMTECH handbook on electrical power cables for technicians and supervisors of electrical general services.	2006	CAMTECH	Staged (SECR HQ library)
Handbook on Quad Cable	CAMTECH/S/2002/REQC/1.0	CAMTECH handbook on quad (RE) cable and cable types.	2002	CAMTECH	Staged (SECR HQ library)
Guidelines on Signalling Cable Laying	RDSO/SI/G/2010 Ver 1.1	RDSO guidelines on laying signalling cables, effective	2014-02-04	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
(Draft Ver 1.0)		04.02.2014.			
Vital Guidelines on Laying and Utilisation of Signalling Cables	SECR Policy Circular 02/2022	SECR S&T policy circular on laying and utilisation of signalling cables, referring to RDSO cable laying guidelines and IRSEM.	2022-01-25	South East Central Railway	Staged (SECR HQ library)
Replacement of Flexible Wire between Point Junction Box and Point Machine by Outdoor Underground Signalling Cable	SECR Policy Circular 02/2026	SECR S&T policy circular on replacing flexible wire between point junction box and point machine with underground signalling cable.	2026-09-15	South East Central Railway	Staged (SECR HQ library)
Standardization of Outdoor Cable Coreage	SECR Policy Circular 04/2020	SECR S&T policy circular standardizing the coreage of outdoor signalling cables.	2020-03-06	South East Central Railway	Staged (SECR HQ library)
Provision of Location Boxes for 6 Quad Cable Termination	SECR Policy Circular 05/2013	SECR S&T policy circular on location boxes for 6 quad cable termination carrying signalling and axle counter circuits for IBS and automatic signalling.	2013-06-26	South East Central Railway	Staged (SECR HQ library)
Standardization of Outdoor Cable to 6/12/24 Core and 6 Quad Jelly Filled Only	SECR Policy Circular 07/2020	SECR S&T policy circular standardizing outdoor cables to 6, 12 and 24 core and 6 quad jelly filled cables.	2020-05-22	South East Central Railway	Staged (SECR HQ library)
Inclusion of Special Condition in the Contracts	SECR S&T Policy Letter No. 1426	SECR S&T letter on a special condition in contracts for earth work in the vicinity of cables.	2012-09-03	South East Central Railway	Staged (SECR HQ library)
Burning of S&T Cables due to Fire - Preventive Measures	SECR S&T Policy Letter No. 395 (11.05.2012)	SECR S&T letter forwarding a Railway Board letter on preventive measures against burning of S&T cables due to fire.	2012-05-11	South East Central Railway	Staged (SECR HQ library)
Cable Meggering	SECR S&T Policy Letter No. 936 (06.07.2010)	SECR S&T letter on cable meggering and the four hour non-interlocked working allowed per station per year.	2010-07-06	South East Central Railway	Staged (SECR HQ library)

Power supply & batteries (13)

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on Installation and Maintenance of Solar Panel	CAMTECH/S/PROJ/2013-14/HB-SP/2.0	CAMTECH handbook on installation and maintenance of solar panels.	2013-11	CAMTECH	Staged (SECR HQ library)
Handbook on Power Equipments	CAMTECH Handbook	CAMTECH handbook on power equipment that converts AC/DC input power to AC/DC output.		CAMTECH	Staged (SECR HQ library)
Handbook on UPS for UTS	CAMTECH/E/12-13/UPS/1.0	CAMTECH handbook on UPS for UTS for general services maintenance staff.		CAMTECH	Staged (SECR HQ library)
IPS Presentation (Statcon) - Day 3 Installation and Maintenance Practices, 10.04.2020	Presentation 10.04.2020	Company presentation of an integrated power supply and battery charger supplier to Indian Railways, covering company background and approvals.	2020-04-10		RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Letter No. STS/E/IPS/Genl - Modification in IPS: Static Switch Inverter Changeover and Battery Disconnection Alarm	RDSO Letter 08.10.2010	RDSO letter approving inverter changeover using static switch and a battery disconnection alarm and indication in IPS for extended field trial.	2010-10-08	RDSO	Live
Letter No. STS/E/IPS/Genl. - IPS for Medium Size Station	RDSO Letter	RDSO letter to zonal railways on integrated power supply (IPS) for medium size stations.		RDSO	Live
Letter No. STS/E/PS Genl. - Comprehensive Instructions for Improving the Reliability of IPS (Integrated Power Supply)	RDSO Letter 21.11.2013	RDSO letter giving comprehensive instructions to improve the reliability of integrated power supply systems.	2013-11-21	RDSO	Live
Letter STS/E/IPS/Genl - Guidelines to Railways for Procurement of IPS	RDSO Letter 01.06.2011	RDSO guidelines to railways for procurement of integrated power supply systems.	2011-06-01	RDSO	RDSO intranet - being processed
Provision of Flashing Indication and Audio Visual Alarms for Monitoring Health of AT Supplies at Unmanned Locations	SECR Policy Circular 03/2014	SECR S&T policy circular on flashing indication and audio visual alarms for monitoring AT supplies at unmanned locations.		South East Central Railway	Staged (SECR HQ library)
Power Supply Arrangement for All EIs above 50 Routes (up to 200 Routes)	SECR Policy Circular 06/2020	SECR S&T policy circular on power supply arrangement for electronic interlockings with 50 to 200 routes.	2020-05-01	South East Central Railway	Staged (SECR HQ library)
Provision of Auto Change Over Switch and 2AT	SECR S&T Policy Letter No. 546 (07.06.2007)	SECR S&T letter asking divisions to coordinate with the electrical branch for auto change over switch and 2AT.	2007-06-07	South East Central Railway	Staged (SECR HQ library)
Low Maintenance Lead Acid (LMLA) Batteries for S&T Installations, with covering letter	RDSO Technical Advisory Note STS/E/TAN/0102 Ver 0.0	TAN giving guidelines for storage, installation, commissioning and maintenance of LMLA secondary cells in signalling installations.	2026-01-20	RDSO	Live
VRLA Batteries for S&T Installations, with covering letter	RDSO Technical Advisory Note STS/E/TAN/0103 Ver 1.0	TAN with guidelines for installation, commissioning and post-installation maintenance of valve regulated lead acid batteries in S&T installations.		RDSO	Live

Earthing & lightning protection (13)

Title	Doc no.	Subject	Issued	Issuer	Status
Pocketbook on Maintenance Free Earth & Ring Earth, Revision 2.0	CAMTECH/S&T/2026-27/TELE-EARTHING/2.0	Revised pocketbook on maintenance free earth and ring earth for telecom installations.	2026-07	CAMTECH	Live
Guidelines to Railways for Earthing System	RDSO letter STS/E/SPD dated 23.02.2010	RDSO letter to railways with guidelines on the earthing system for signalling installations.	2010-02-23	RDSO	Live
Protection of Sensitive S&T Equipment	JMV LPS Limited	JMV LPS presentation on maintenance free earthing,		JMV LPS Limited	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
against Lightning and Surges - Earthing and Surge Protection Practices (Day 1 Session 2)		lightning protection design, surge protection devices and installation practices for signalling installations.			being processed
Audit Report of Earthing	RDSO 10.08.2011	RDSO audit report on earthing.	2011-08-10	RDSO	Live
Earthing and Bonding Arrangement for Electronic Signalling Equipment	RDSO Drawing	RDSO drawing showing earthing and bonding arrangement for electronic signalling equipment, with earth resistance of the complete electrode system below 1 ohm.		RDSO	Live
Inspection of Earthing System (04.10.10)	RDSO Letter 04.10.2010	RDSO letter requesting details of jointly measured earth resistance for earthing works commissioned by recommended firms.	2010-10-04	RDSO	RDSO intranet - being processed
Recommended Suppliers Cleared for Field Trial for Earthing System	RDSO Letter	RDSO letter listing recommended suppliers cleared for field trials under the earthing and bonding code RDSO/SPN/197/2008.		RDSO	RDSO intranet - being processed
Recommended Suppliers for Code of Practice for Earthing and Bonding for Signalling Equipment	RDSO/SPN/197/2008	RDSO letter listing approved suppliers for earthing and bonding under RDSO/SPN/197/2008.	2011-08-18	RDSO	RDSO intranet - being processed
Earthing, Bonding, Surge and Lightning Protection for S&T Installations	RDSO TAN STS/E/TAN/3006 Ver 3.1	RDSO technical advisory note on earthing, bonding, surge and lightning protection for S&T installations.	2025-06-30	RDSO	Live
Code of Practice for Earthing and Bonding System for Signalling Equipments	RDSO/SPN/197 Ver 1.0 (04.07.2016)	Specification for the code of practice for earthing and bonding system for signalling equipments, with effect from 04.07.2016.	2016-07-04	RDSO	Live
Specification for Earth Leakage Detection and Earth Fault Localization System	RDSO/SPN/256/2025 Ver 2.0	Specification for earth leakage detection and earth fault localization system, effective 30.07.2025.	2025-07-30	RDSO	Live
Strengthening of Earthing Arrangement at Lightning Prone Stations	SECR S&T Policy Letter No. 603	SECR S&T letter on strengthening earthing at lightning prone stations; scanned, text not available (from title).		South East Central Railway	Staged (SECR HQ library)
Comprehensive Scheme for Lightning and Surge Protection of Signalling Equipment (Draft for Trial)	RDSO STS/E/TAN/3006 Ver 2.3	Draft technical advisory note on lightning and surge protection of signalling equipment, for trial only.	2024-02-16	RDSO	Live

Other signalling equipment (5)

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance Handbook on Crank and Compensator	CAMTECH/S/2002/C&C/1.0	CAMTECH maintenance handbook on cranks and compensators.	2002	CAMTECH	Staged (SECR HQ library)
Single Relay Room at One Installation	SECR Policy Circular 01/2013	SECR S&T policy circular on providing a single relay	2013-01-03	South East Central	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
		room at one installation.		Railway	HQ library)
Standardisation of Location of Maintenance Tools for Predictive and Preventive Maintenance of Signalling Gears	SECR Policy Circular 02/2021	SECR S&T policy circular on locating data logger, earth leakage detector, fuse changeover alarm and EI maintenance terminal.	2021-12	South East Central Railway	Staged (SECR HQ library) *Same document also found in: SECR HQ staged library (merged, see DUPLICATES.tsv)*
Guidelines for Use of PPTC Type Fuses	SECR Policy Circular 04/2014	SECR S&T policy guidelines for using polymeric positive temperature coefficient (PPTC) type fuses, referring to an RDSO letter.	2014	South East Central Railway	Staged (SECR HQ library) *Same document also found in: SECR HQ staged library (merged, see DUPLICATES.tsv)*
Replacement of Signalling Installations on Age-cum-Condition Basis	SECR S&T Policy Letter No. 2943	SECR S&T letter forwarding a Railway Board letter on replacement of signalling installations on age-cum-condition basis and seeking details.	2009-03-25	South East Central Railway	Staged (SECR HQ library)

Telecom (84)

OFC & optical fibre (4)

Title	Doc no.	Subject	Issued	Issuer	Status
Fujikura 45S Clad Alignment Fusion Splicer - Instruction Manual Rev02	Fujikura Ltd. Manual	OEM instruction manual for the Fujikura 45S clad alignment fusion splicer, including safety information and general operation.		Fujikura Ltd.	Live
Marking Procedures for RFID Marking of Underground Facilities	Unnumbered	Recommended principles for marking underground networks such as cables and pipelines using smart RFID markers, locator and database software.			Live
Series - Installation and Commissioning Manual	Tejas Networks Manual 11.03.2024 TJ1600	Tejas Networks manual for installation and commissioning of TJ1600 series equipment.	2024-03-11	Tejas Networks	Live
T-BERD/MTS-2000, -4000 V2, -5800, SmartOTDR	VIAVI OTDR Application User Manual 700MAN201 Rev 011 (2025)	VIAVI user manual for the OTDR application on T-BERD/MTS and SmartOTDR platforms.	2025	VIAVI Solutions	Live

Radio, VHF & MTRC (19)

Title	Doc no.	Subject	Issued	Issuer	Status
Digital Two-way Radio - Quick Start Guide	CONVEY C1-DP	Quick start guide for the CONVEY C1-DP digital two-way radio covering accessories, battery installation, antenna and charging.		CONVEY	Live
Letter Submitting Type Test Report for Motorola 5 Watt VHF Digital Walkie-Talkie Set	Letter 22.02.2024	Letter submitting the type test report for Motorola 5 watt VHF digital walkie-talkie sets supplied against a railway tender.	2024-02-22		RDSO intranet - being processed
MOTOTRBO XiR P6600/XiR P6600i Series Non-Keypad Portable Radio User Guide	Motorola Solutions MN003673A01-AJ	Motorola Solutions user guide for the MOTOTRBO XiR P6600 and P6600i non-keypad digital portable two-way radios.	2022-03	Motorola Solutions	Live
Motorola GP328 Professional Two-Way Radio - User Manual	Motorola Inc. Manual 27.05.1998	Motorola user manual and warranty information for the GP328 professional two-way radio.	1998-05-27	Motorola Inc.	Live
MOTOTRBO XiR P6600i Series Digital Two-Way Radios - Product Data Sheet	Motorola Solutions	Product data sheet for the MOTOTRBO XiR P6600i series DMR digital two-way radios, listing features, safety, battery life and models.		Motorola Solutions	Live
Motorola VHF Walkie-Talkie PoC 2	Document 04.2026	Proof of concept document for Motorola VHF walkie-talkie sets; text not available.	2026-04		RDSO intranet - being processed
Pamphlet on VHF Walkie-Talkie Handset	CAMTECH	Pamphlet describing the VHF walkie-talkie handset used for railway communication, with its general specification.		CAMTECH	Live
PoC and Field Trial for 5W VHF Walkie-Talkie Set, Convey C1-DP of Micromap Electronic Systems	RDSO Letter 21.04.2026	RDSO letter on proof of concept field trial of the Convey C1-DP 5 watt VHF walkie-talkie set.	2026-04-21	RDSO	RDSO intranet - being processed
PoC and Field Trial Performance of 5W VHF Walkie-Talkie Set	RDSO Letter 08.2024	RDSO letter to zonal railways on proof of concept guidelines and field trial of 5W VHF walkie-talkie sets.	2024-08	RDSO	RDSO intranet - being processed
PoC Guidelines for VHF Walkie-Talkie Sets, to All Vendors	RDSO Letter 28.07.2024	RDSO letter to vendors on proof of concept guidelines for 5 watt VHF walkie-talkie sets being procured by zonal railways.	2024-07-28	RDSO	RDSO intranet - being processed
PoC Trial for 5-Watt VHF Sets of Motorola with Seamless Communication Systems (PoC 1)	RDSO Letter 09.02.2024	RDSO letter on proof of concept trial of Motorola 5 watt VHF sets supplied by Seamless Communication Systems.	2024-02-09	RDSO	RDSO intranet - being processed
Letter to Zonal Railways - Clarification on MTCTE Certification for VHF Radio Sets	RDSO Letter 07.2025	RDSO letter clarifying MTCTE certification for procurement of VHF radio sets.	2025-07	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Letter to Zonal Railways - MTCTE and WPC for VHF Radio Sets	RDSO Letter 07.2025	RDSO letter on MTCTE and WPC requirements for procurement of VHF radio sets.	2025-07	RDSO	RDSO intranet - being processed
Technical Advisory Note on 25 W VHF Radio Installation Guidelines	RDSO-TELE0LKO(SPEC)/9/2019 Ver 2.0	TAN on installation practice for 25 W VHF radio sets as per specification RDSO/SPN/TC/107-2018 Ver 2.1.	2025-09-24	RDSO	Live
PoC Guidelines for VHF Based Walkie-Talkie Set	RDSO/SPN/TC/107-2018 Ver 3.0	RDSO proof of concept guidelines and format for VHF based walkie-talkie sets.	2024-07	RDSO	RDSO intranet - being processed
Sample Application for Network License (Fixed/Land/Mobile HF/VHF/UHF)	Southern Central Railway	Sample application for a wireless network licence for a railway organisation.		Southern Central Railway	RDSO intranet - being processed
Sanchar STC-700 VHF/UHF Wide-Band Radio - Instruction Manual	Sanchar Wireless Communications Ltd Manual	Instruction manual for the Sanchar STC-700 VHF/UHF wide-band transceiver.		Sanchar Wireless Communications Ltd	Live
STTC Sabarmati - Mobile Communication (MTRC) Concise	STTC Sabarmati (Western Railway)	STTC Sabarmati notes in Hindi on the need for mobile communication on Indian Railways and mobile train radio communication.		STTC Sabarmati (Western Railway)	Live
Type Test Report - Convey 5W VHF Walkie-Talkie Set	Document 04.2026	Type test report for the Convey VHF walkie-talkie set; text not available.	2026-04		RDSO intranet - being processed

Exchanges & VoIP (14)

Title	Doc no.	Subject	Issued	Issuer	Status
Asterisk Based IP Exchange - Installation Training Slides (Lenovo Server, Coral 48-Port Gateway, IP Phones)	Training notes (issuer not printed) 12.03.2026	Training slides on hardware introduction and software installation for an Asterisk based IP exchange using Lenovo server, Coral 48 port gateway and IP phones.	2026-03-12	Training notes (issuer not printed)	Live
Avaya IP Telephony Implementation Guide - Communication Manager 3.1	Avaya Inc. 05.2006	Avaya Labs guide giving implementation guidelines for Avaya Communication Manager, media servers, gateways and 4600 Series IP telephones, including VLANs.	2006-05	Avaya Inc.	Live
Avaya IP600 / G3 / S87xx - UCC / Avaya one-X Speech Server Integration	Avaya Inc. Configuration Note 3603 Rev K	Avaya configuration note on integrating Avaya IP600/G3/S87xx with the UCC / Avaya one-X Speech Server using E1 QSIG.	2009-02	Avaya Inc.	Live
Avaya System 75/85, Definity G1/G2/G3 and Prologix	Avaya Inc. Octel 350 Digital Set Emulation, Configuration Note 4082 Ver M	Avaya configuration note on Octel 350 message server integration using digital set emulation with Definity and System 75/85 PBXs.	2002-10	Avaya Inc.	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Coral Telecom Dhvani IP4LP IP Phone - Configuration & User Manual, First Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for installing, configuring and using the Dhvani IP4LP IP phone.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom Dhvani IP6LP IP Phone - Configuration & User Manual	Coral Telecom Ltd. Manual	Coral Telecom manual for installing, configuring and using the Dhvani IP6LP IP phone.		Coral Telecom Ltd.	Live
Coral Telecom Dhvani IP6LP V3.0 IP Phone	Coral Telecom Ltd. User Manual Ver 1.04, Fourth Edition (01.04.2024)	Coral Telecom user manual for the Dhvani IP6LP V3.0 IP phone.	2024-04-01	Coral Telecom Ltd.	Live
Coral Telecom Drishti AVP6LP Video IP Phone - Configuration & User Manual	Coral Telecom Ltd. Manual	Coral Telecom manual for installing, configuring and using the Drishti AVP6LP video IP phone.		Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud Media Gateway (MGW) - Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud MGW - FXO Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the FXO interface of the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud MGW - FXS Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the FXS interface of the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud MGW - PRI Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the PRI interface of the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live
Handbook on Interactive Voice Response System (IVRS)	CAMTECH/S/2003/IVRS	CAMTECH handbook on the interactive voice response system used for passenger enquiry.	2003	CAMTECH	Staged (SECR HQ library)
Using Avaya 9608/9608G/9611G IP Deskphones SIP, Release 6.3.1, Issue 2	Avaya 01.2014	Avaya user guide for the 9608, 9608G and 9611G IP deskphones using SIP, release 6.3.1.	2014-01	Avaya	Live

CCTV & PIS (14)

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance Handbook on Integrated Passenger Information System	CAMTECH/S/PROJ/10-11/HB/IPIS (12.2010)	CAMTECH maintenance handbook on the integrated passenger information system (train indication, coach guidance, PC based announcement).	2010-12	CAMTECH	Staged (SECR HQ library)
CCTV in Coaches with SOP for Real Time Surveillance and Retrieval	Railway Board Circular 02/2023	Railway Board circular with SOP on surveillance, storage, retention and retrieval of feed from CCTV cameras in passenger coaches.	2023-01-16	Railway Board	RDSO intranet - being processed
CCTV Cameras at Non-Critical Locations	Railway Board Letter 2017/Tele/3(8)/1	Railway Board letter on provision of CCTV cameras at non-critical locations not pertaining to security in train operations and passengers.	2017-11-28	Railway Board	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Integrated Security System: Procurement and Maintenance of Equipment	Railway Board Letter 2018/Tele/12(1)/2	Railway Board letter on procurement and maintenance of integrated security system equipment, referring to RPF guidelines.	2018-07-16	Railway Board	RDSO intranet - being processed
Minutes of NITI Aayog Meeting on RDSO Specification for CCTV Installation	Railway Board Letter 2018/Tele/3(8)/1/Pt	Railway Board letter forwarding minutes of a NITI Aayog meeting on the RDSO specification for CCTV installation in Railways.	2019-07-30	Railway Board	RDSO intranet - being processed
Specification and Vendor List for IPIS and Digital Clock Decontrol	Railway Board Letter 2020/Tele Dev/RDSO Matters	Railway Board letter on RDSO specification and vendor list for IPIS and digital clocks and their decontrol; text not available.	2020-09-14	Railway Board	RDSO intranet - being processed
Execution of VSS Works	Railway Board Letter 2020/Tele/Misc/1 Pt	Railway Board letter on execution of video surveillance system works; text not available.	2022-03-06	Railway Board	RDSO intranet - being processed
Zonal Railways to Follow NITI Aayog Meeting Minutes on RDSO CCTV Specification	Railway Board Letter 2020/TeleDev/CCTV Project	Railway Board letter forwarding minutes of the NITI Aayog meeting on the RDSO specification for CCTV installation.	2022-04-04	Railway Board	RDSO intranet - being processed
Difficulties in Implementation of CCTV at Stations	Railway Board Letter 2020/TeleDev/CCTV Project to NITI Aayog	Railway Board letter to NITI Aayog on difficulties in implementing CCTV surveillance at railway stations.	2023-02-14	Railway Board	RDSO intranet - being processed
Gazette Notification, OM and Budgetary Provisions	Railway Board Letter 2020/TeleDev/Security in CCTV System	Railway Board letter on implementing a MeitY gazette notification and advisory on CCTV cameras and software.	2024-03-18	Railway Board	RDSO intranet - being processed
Letter on CCTV Security Audit by STQC Only	RDSO Letter 05.02.2024	RDSO letter on security audit of CCTV systems only through STQC, referring to MeitY office memoranda.	2024-02-05	RDSO	RDSO intranet - being processed
Letter to Zonal Railways - Security Verification Testing of Cameras and Software at Stations (STQC)	RDSO Letter 05.02.2024	RDSO letter to zonal railways on security verification testing of CCTV cameras and software at stations.	2024-02-05	RDSO	RDSO intranet - being processed
Inspection Policy for Video Surveillance System (VSS) Equipment	RDSO-TELE0LKO(SPEC)/1/2019	RDSO letter on inspection of video surveillance system equipment being implemented on Indian Railways.	2020-09-24	RDSO	RDSO intranet - being processed
Letter to ZRs on MeitY OM: Security Verification Testing of Cameras and Software	RDSO STT/CCTV/SPECS/463 (05.09.2023)	RDSO letter to zonal railways on MeitY office memorandum on security verification certification testing of CCTV cameras and software.	2023-09-05	RDSO	RDSO intranet - being processed

Networking & IT (27)

Title	Doc no.	Subject	Issued	Issuer	Status
Fundamentals & Applications of IP-MPLS Technology in Indian Railways	CAMTECH/S&T/2022-23/IP-MPLS/1.0	CAMTECH handbook introducing IP-MPLS technology, its system architecture, components and implementation as the telecom backbone of Indian Railways.	2022-05	CAMTECH	Live
Cisco Catalyst 2960 Switch Software Configuration Guide, Cisco IOS Release 12.2(40)SE	Cisco Systems 09.2007	Cisco manual on configuring Catalyst 2960 switches, covering the command-line interface, IP addressing and switch features.	2007-09	Cisco Systems	Live
Cisco Catalyst 4500 Series Command Reference	Cisco Systems 2011	Cisco command reference for Catalyst 4500 series switches, listing show and configuration commands.	2011	Cisco Systems	Live
Access Point User Manual	D-Link Manual DAP-3662	D-Link user manual for the DAP-3662 access point covering installation, operational modes and wireless settings.		D-Link	Live
Router Quick Start Manual	D-Link Manual DIR-842	D-Link quick start manual for the DIR-842 router covering connection, configuration and troubleshooting.		D-Link	Live
Functional Requirements Specifications of LTE for Proof of Concept for Indian Railways, with Covering Letter	RDSO Letter 01.06.2022	RDSO covering letter and FRS of LTE for proof of concept for Indian Railways, following a Railway Board letter of 29.01.2022.	2022-06-01	RDSO	RDSO intranet - being processed
Installation Steps of Anti Virus to Protect Your Device	Unnumbered	Instructions for installing antivirus software on a computer or laptop, with device requirements and pre-installation steps.			RDSO intranet - being processed
IP Routing Configuration Guide, Cisco IOS XE 26.x.x (Catalyst 9400 Switches)	Cisco Systems 28.09.2026	Cisco guide to configuring IP routing on Catalyst 9400 switches running IOS XE 26.x.x.	2026-09-28	Cisco Systems	Live
LAN Switching Configuration Guide (Cisco)	Cisco Systems 03.06.2026	Cisco guide covering LAN switching configuration such as ERSPAN and routing between VLANs with IEEE 802.1Q.	2026-06-03	Cisco Systems	Live
Layer 2 Configuration Guide, Cisco IOS XE 17.14.x (Catalyst 9200 Switches)	Cisco Systems 04.2024	Cisco guide to Layer 2 configuration on Catalyst 9200 switches, including Spanning Tree Protocol and loop detection guard.	2024-04	Cisco Systems	Live
Layer 2 Configuration Guide, Cisco IOS XE 26.x.x (Catalyst 9400 Switches)	Cisco Systems 28.09.2026	Cisco guide to Layer 2 configuration on Catalyst 9400 switches, including Spanning Tree Protocol and loop detection guard.	2026-09-28	Cisco Systems	Live
Layer 2 Configuration Guide, Cisco IOS XE Cupertino 17.8.x (Catalyst 9600 Switches)	Cisco Systems 04.2022	Cisco guide to Layer 2 configuration on Catalyst 9600 switches, including optional spanning-tree features and EtherChannels.	2022-04	Cisco Systems	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Intelligent Edge Series - Hardware Installation Manual	NETGEAR Manual M4300	NETGEAR hardware installation manual for the M4300 series switches: hardware features, stacking, ports, power supplies and installation steps.		NETGEAR	Live
Implementation of IP-MPLS Technology for Unified Communication Backbone on Indian Railway	RDSO PoC Format Version 3.0 (12.2025)	RDSO proof of concept format for implementing IP-MPLS technology for the unified communication backbone, referencing STT/TAN/IP-MPLS/2020.	2025-12	RDSO	RDSO intranet - being processed
Guidelines for Inspection of LAN Switch as per RDSO/SPN/TC/83/2020 Rev 2.1	RDSO-TELE0LKO(SPEC)/1/2020	RDSO guidelines on inspection of LAN switches as per RDSO/SPN/TC/83/2020.	2023-03-14	RDSO	RDSO intranet - being processed
Inspection of Router as per RDSO/SPN/TC/84/2008 Rev 0	RDSO-TELE0LKO(SPEC)/39/2020	RDSO letter on inspection of routers as per RDSO/SPN/TC/84/2008.	2021-06-23	RDSO	RDSO intranet - being processed
Letter to Field Units on PoC of IP-MPLS as per RDSO TAN Version 2.0	RDSO-TELE0LKO(TECH)/8/2020	RDSO letter to field units on proof of concept of IP-MPLS per TAN version 2.0; PoC guidelines first issued November 2022.	2024-02-09	RDSO	RDSO intranet - being processed
XG Firewall - Command Reference Manual	Sophos Manual 2017	Sophos command reference manual for the XG Firewall command line console, covering network, system, routing and device console commands.	2017	Sophos	Live
Uniform IP Addressing Scheme for IP-MPLS Technology for Unified Communication Backbone	RDSO STT/New Trans Tech/674 (27.07.2023)	RDSO letter issuing a uniform IP addressing scheme for IP-MPLS implementation on Indian Railways, per TAN version 2.0.	2023-07-27	RDSO	RDSO intranet - being processed
TEAMLINK 3002 LE 4-Port LAN Extender (G.SHDSL) - Technical Specifications	Team Engineers, Hyderabad Specification	Team Engineers technical specifications for the 4-port G.SHDSL LAN extender TEAMLINK 3002 LE.		Team Engineers, Hyderabad	Live
TEAMLINK 3002 SHDSL LCD Modem (2-Wire Leased Line, 2 Mbps G.SHDSL) - User Manual	Team Engineers, Hyderabad Manual	Team Engineers user manual for the TEAMLINK 3002 SHDSL LCD modem for 2-wire leased line.		Team Engineers, Hyderabad	Live
Archer C6 Router - User Manual	TP-Link Manual	TP-Link user manual for the Archer C6 router covering setup and configuration.		TP-Link	Live
JetStream Series Switch - Installation Guide	TP-Link	TP-Link installation guide for JetStream series switches.		TP-Link	Live
Series Switch - Configuration Guide	TP-Link T1600G	TP-Link configuration guide for T1600G series switches.		TP-Link	Live
VLAN Configuration Guide, Cisco IOS XE Release 3.6E (Catalyst 3650 Switches)	Cisco Systems 26.06.2014	Cisco guide to VLAN configuration on Catalyst 3650 switches, including CLI, web GUI and VTP.	2014-06-26	Cisco Systems	Live
Webfil Access MUX - User's Manual	Webfil Ltd Manual	Webfil user's manual for the Access Mux, a truncated drop/insert multiplexer with E1 streams, covering technical data, installation, operation and		Webfil Ltd	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		network management.			
Webfil FlexiMUX Programmable Drop/Insert Multiplexer - Technical Handbook	Webfil Ltd Handbook	Webfil technical handbook for the FlexiMUX E1 drop/insert multiplexer, covering technical data, installation, maintenance and network management.		Webfil Ltd	Live

Other telecom (6)

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on Train Traffic Control Equipment (DTMF Signalling)	CAMTECH/S/TTCEQ/1.0	CAMTECH handbook on train traffic control equipment using DTMF signalling.		CAMTECH	Staged (SECR HQ library)
PoC Guidelines for Elephant Intrusion Detection System for Indian Railways	IS/RDSO-TC/0002-2024 Ver 1.0	RDSO proof of concept guidelines and format for the elephant intrusion detection system.	2024-10-24	RDSO	RDSO intranet - being processed
Puncom VMX-0100 Primary E1 Add/Drop Multiplexer - User Manual	Punjab Communications Ltd (Puncom) Manual	Punjab Communications Limited user manual for the VMX-0100 primary E1 add/drop multiplexer.		Punjab Communications Ltd (Puncom)	Live
Report on Simplification of Design and Approval Process of Communication Towers and Maintenance Procedure	Railway Board 12.2021	Ministry of Railways report on simplifying the design and approval process of communication towers and their maintenance procedure.	2021-12	Railway Board	Live
Control Communication Sections - Route km, Stations, VoIP and Media	SECR 09.10.2026	Table of SECR train control communication sections of Bilaspur division with route km, number of stations, control section availability, VoIP and media.	2026-10-09	South East Central Railway	Live
Telecom Cable Termination Box (Non-Metallic) for Indoor Use - Cover Drawing	Drawing	Drawing of the cover for the non-metallic indoor telecom cable termination box.			Live

Test formats & pre-commissioning checklists (222)

Test formats (181)

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Format	Primary Digital Multiplexing Equipment (IRS-TC:68/2012)	Acceptance test format for primary digital multiplexing equipment, effective 04.06.2012.	2012-06-04	RDSO	RDSO intranet - being processed
Acceptance Test Format 0016 Rev 1	Thermoshrink Jointing Kit for Underground PIJF Cables (RDSO/SPN/TC/57/2015 Rev 1)	Acceptance test format for thermoshrink jointing kit for jointing underground PIJF cables, effective 16.04.2015.	2015-04-16	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Thermoshrink Jointing Kits for Underground Quad Cables, 0.9mm Conductor (IRS:TC 77-2012 Rev 3)	RDSO Acceptance Test Format 0018 Rev 3	Acceptance test format for thermoshrink jointing kits for 0.9mm conductor underground quad cables, effective 11.07.2014.	2014-07-11	RDSO	RDSO intranet - being processed
Acceptance Test Format 0024 Ver 1.0	Auto Dialling System for Emergency Socket (IRS:TC-83/2020 Ver 1.1)	Acceptance test format for auto dialling system for emergency socket, effective 08.07.2024.	2024-07-08	RDSO	RDSO intranet - being processed
Acceptance Test Format 0026 Ver 2.0	Control Communication Equipment for OFC Using 2-Wire Telephones (CCEO) (RDSO/SPN/TC/66/2007)	Acceptance test format for control communication equipment for OFC using 2-wire telephones, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
4 Wire/2 Wire Train Traffic Control Equipment with DTMF Signalling (IRS:TC:60-2007 Amdt 1)	RDSO Acceptance Test Format 0034 Rev 1.0	Acceptance test format for train traffic control equipment with DTMF signalling, effective 23.08.2024.	2024-08-23	RDSO	RDSO intranet - being processed
Acceptance Test Format 0044 Rev 3.0	Digital Modem (nx64Kbps) up to 2 Mbps (Line Driver) (RDSO/SPN/TC/80/2020 Rev 2.0)	Acceptance test format for digital modem up to 2 Mbps line driver, effective 17.06.2022.	2022-06-17	RDSO	RDSO intranet - being processed
Acceptance Test Format 0050 Rev 2.0	Digital Clock with GPS Synchronization (RDSO/SPN/TC/62/2008 Rev 4.1)	Acceptance test format for digital clock with GPS synchronization, effective 16.07.2024.	2024-07-16	RDSO	RDSO intranet - being processed
↳ Acceptance Test Format 0050 Rev 1	Digital Clock with GPS Synchronisation (RDSO/SPN/TC/62/2008 Rev 3)	Acceptance test format for digital clock with GPS synchronisation, effective 13.08.2020.	2020-08-13	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Acceptance Test Format 0050 Rev 2.0 - Digital Clock with GPS Synchronization (RDSO/SPN/TC/62/2008 Re*
Acceptance Test Format 0052	1.4mm Dia Copper Conductor 4/6 Quad Cable (RDSO/SPN/TC/72/07 with Amdt 1) (25.01.2010)	Acceptance test format for 1.4mm copper conductor 4/6 quad cable, effective 25.01.2010.	2010-01-25	RDSO	RDSO intranet - being processed
IP Based Video Surveillance System (RDSO/SPN/TC/65/2021 Ver 6.0 with Amdt 1, 2 and 3)	RDSO Acceptance Test Format 0054 Ver 6.3 (AT Items Only)	Acceptance test format covering acceptance test items only for IP based video surveillance system, effective 07.01.2025.	2025-01-07	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
↳ IP Based Video Surveillance System (RDSO/SPN/TC/65/2021 Ver 6.0 with Amdt 1, 2 and 3)	RDSO Acceptance Test Format 0054 Ver 5.3	Acceptance test format for IP based video surveillance system, effective 07.01.2025.	2025-01-07	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Acceptance Test Format 0054 Ver 6.3 (AT Items Only) - IP Based Video Surveillance System (RDSO/SPN/T*
Acceptance Test Format 0064 Rev 2.0	Permanently Lubricated HDPE Duct (RDSO/SPN/TC/45/2013 Rev 2.0)	Acceptance test format for permanently lubricated HDPE duct, effective 09.07.2025.	2025-07-09	RDSO	RDSO intranet - being processed
Thermoshrink Jointing Kits for Underground Quad Cables, 1.4mm Conductor (IRS:TC 77-2012 Rev 3)	RDSO Acceptance Test Format 0068 Rev 0	Acceptance test format for thermoshrink jointing kits for 1.4mm conductor underground quad cables, effective 20.08.2014.	2014-08-20	RDSO	RDSO intranet - being processed
Acceptance Test Format 0072 Ver 1.0	Managed Media Converter (Ethernet/E1 to Optical) (RDSO/SPN/TC/103/2013 Rev 2)	Acceptance test format for managed media converter, effective 31.05.2022.	2022-05-31	RDSO	RDSO intranet - being processed
Joint Enclosure for Armoured Optical Fibre Cable (RDSO/SPN/TC/68/2014 Rev 1 Amdt 1)	RDSO Acceptance Test Format 0076 Ver 1.0	Acceptance test format for joint enclosure for armoured optical fibre cable, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Acceptance Test Format 0080 Ver 3.0	VHF Based Approaching Train Warning System (RDSO/SPN/TC/105/2015 Ver 2.1)	Acceptance test format for VHF based approaching train warning system, effective 10-08-2022.	2022-08-10	RDSO	RDSO intranet - being processed
Desk Type Electronic Magneto Telephone (IRS:TC 79-2000 Amdt 4)	RDSO Acceptance Test Format 0084 Ver 1.0	Acceptance test format for desk type electronic magneto telephone, effective 09.05.2022.	2022-05-09	RDSO	RDSO intranet - being processed
Acceptance Test Format 0086 - IP Based Video Surveillance System for Rolling Stock of Indian Railways (RDSO/SPN/TC/106/2025 Ver 3.1)	RDSO Test format 01.08.2025	Acceptance test format for IP based video surveillance system for rolling stock, effective 01.08.2025.	2025-08-01	RDSO	RDSO intranet - being processed
Acceptance Test Format 0087 Ver 3.0	VoIP Based Train Control Communication System (RDSO/SPN/TC/99/2023 Ver 3.0)	Acceptance test format for VoIP based train control communication system, effective 06.02.2024.	2024-02-06	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
↳ Acceptance Test Format 0087 Ver 2.0	VoIP Based Train Control Communication System (RDSO/SPN/TC/99/2012 Rev 2)	Specification compliance cum acceptance test format for VoIP based train control communication system, effective 07.07.2020.	2020-07-07	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Acceptance Test Format 0087 Ver 3.0 - VoIP Based Train Control Communication System (RDSO/SPN/TC/99/*
Acceptance Test Format 0089 Version 2.1	IP Based Integrated Passenger Information System (RDSO/SPN/TC/108/2019 Ver 1.0)	Acceptance test format for IP based integrated passenger information system, version 2.1.		RDSO	RDSO intranet - being processed
↳ Acceptance Test Format 0089 Version 2.0	IP Based Integrated Passenger Information System (RDSO/SPN/TC/108/2019 Ver 1.0)	Acceptance test format for IP based integrated passenger information system, version 2.0 effective 05.03.2024.	2024-03-05	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Acceptance Test Format 0089 Version 2.1 - IP Based Integrated Passenger Information System (RDSO/SPN*
↳ Acceptance Test Format 0089 Ver 1.0	IP Based Integrated Passenger Information System (RDSO/SPN/TC/108/2019)	Acceptance test format for IP based integrated passenger information system, effective 05.07.2021.	2021-07-05	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Acceptance Test Format 0089 Version 2.1 - IP Based Integrated Passenger Information*

Title	Doc no.	Subject	Issued	Issuer	Status
					System (RDSO/SPN
Acceptance Test Format 0091	24/48 Armoured Optic Fibre Cable (RDSO/SPN/TC/110/2020)	Acceptance test format for 24/48 armoured optic fibre cable, first issue effective 03.08.2020.	2020-08-03	RDSO	RDSO intranet - being processed
Acceptance Test Format 0093	RDSO Telecom Cable Termination Box (Non-Metallic) for Indoor Use (SPN/TC/97-2012 Rev 1)	Acceptance test format for non-metallic telecom cable termination box for indoor use, effective 20.10.2020.	2020-10-20	RDSO	RDSO intranet - being processed
Acceptance Test Format 0101	Electronic L.C. Gate Telephone Systems (RDSO/SPN/TC/51/2021 Rev 1)	Acceptance test format for electronic level crossing gate telephone systems, effective 24.05.2021.	2021-05-24	RDSO	RDSO intranet - being processed
Acceptance Test Format 0109 Ver 1.0	Voice Data Logger/Monitor for Control Circuits (RDSO/SPN/TC/38-2002 Ver 2.0)	Acceptance test format for voice data logger/monitor for control circuits, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Level Crossing Gate Control and Monitoring Equipment Based on Wired and Wireless (VHF) Communication (RDSO/SPN/TC/49-2020)	RDSO Acceptance Test Format 0111 Ver 1.0	Acceptance test format for level crossing gate control and monitoring equipment, effective 24-08-2023.	2023-08-24	RDSO	RDSO intranet - being processed
Desk Type 2 Wire 12 Way DTMF Telephone (IRS:TC:80/2000 with Amdt 1, 2 and 3)	RDSO Acceptance Test Format 0113 Rev 1.0	Acceptance test format for desk type 2 wire 12 way DTMF telephone, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Universal Way Side DTMF Control Telephone (IRS:TC:82/2005 with Amdt 1, 2 and 3)	RDSO Acceptance Test Format 0115 Rev 1.0	Acceptance test format for universal way side DTMF control telephone, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
4 Wire Way Station Control Telephone (IRS:TC:38/97 with Amdt 1 and 2)	RDSO Acceptance Test Format 0117 Rev 1.0	Acceptance test format for 4 wire way station control telephone, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Acceptance Test Format 0120 Ver 2.1	VHF Sets to be Used on Indian Railways (RDSO/SPN/TC/107-2018 Ver 2.1)	Acceptance test format for VHF sets used on Indian Railways, effective 29/08/2023.	2023-08-29	RDSO	RDSO intranet - being processed
Light Weight Unbreakable Thermoplastic Insulator for Overhead Telegraph and Telephone Lines (IRS:TC 32-2007 Rev 0 Amdt 1)	RDSO Acceptance Test Format 0123 Ver 1.0	Acceptance test format for thermoplastic insulators for overhead telegraph and telephone lines, effective 11.08.2022.	2022-08-11	RDSO	RDSO intranet - being processed
Acceptance Test Format 0128 Ver 1.0	Integrated Communication System for Tunnels (RDSO/SPN/TC/109/2023 Ver	Acceptance test format for integrated communication system for tunnels, effective 18-04-2023.	2023-04-18	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
	1.0)				
Implementation of IP-MPLS Technology for Unified Communication Backbone on Indian Railway	RDSO Acceptance Test Format 0131 Ver 2.0	Acceptance test format for IP-MPLS unified communication backbone, effective 03.12.2025.	2025-12-03	RDSO	RDSO intranet - being processed
Acceptance Test Format 0132 Ver 1.0	Light Weight Portable Control Telephone (4 Wire/2 Wire) (IRS:TC-78/2020 Ver 1.1)	Acceptance test format for light weight portable control telephone, effective 01.07.2024.	2024-07-01	RDSO	RDSO intranet - being processed
Acceptance Test Format 0133 Ver 1.0	Six Pin Emergency Plug and Socket (IRS:TC-42/2020 Ver 1.1)	Acceptance test format for six pin emergency plug and socket, effective 09.07.2024.	2024-07-09	RDSO	RDSO intranet - being processed
Elephant Intrusion Detection System Using Distributed Acoustic Optical Fibre Sensing (IS/RDSO-TC/0002-2024)	RDSO Acceptance Test Format 0135 Ver 1.0	Acceptance test format for elephant intrusion detection system, effective 26-11-2024.	2024-11-26	RDSO	RDSO intranet - being processed
QR Code Based Payment Enabled Fare Repeater Display System	RDSO Acceptance Test Format 0137 Ver 1.0	Acceptance test format for QR code based payment enabled fare repeater display system, effective 10.12.2025.	2025-12-10	RDSO	RDSO intranet - being processed
Acceptance Test Format 103 Rev 1.0	Two/Three V.F. Transformers for Underground Telecom Cable Circuits (IRS:TC:76-2021)	Acceptance test format index and test sheets for V.F. transformers, effective 25-05-2021.	2021-05-25	RDSO	RDSO intranet - being processed
V.F. and Signalling Transformers for Underground Telecom Cable Circuits (IRS:TC:22-2021 Ver 1.1)	RDSO Acceptance Test Format 105 Ver 1.0 (02.06.2021)	Acceptance test format for V.F. and signalling transformers used for derivation and termination of underground telecom cable circuits, effective 02-06-2021.	2021-06-02	RDSO	RDSO intranet - being processed
Acceptance Test Format for QN1K Plug-in Non-AC Immune DC Neutral Line Relay 24V DC 1000 ohm	RDSO Test format 18.08.2004	RDSO acceptance test report format for QN1K plug-in non-AC immune DC neutral line relays, covering insulation, operating characteristics, contact resistance and pressure.	2004-08-18	RDSO	RDSO intranet - being processed
Acceptance Test Format for QNA1 Relay (BRS:931A)	RDSO Test format	RDSO acceptance test format for QNA1 relays covering operating characteristics, contact resistance, insulation, contact pressure, AC immunity and visual inspection.		RDSO	RDSO intranet - being processed
Acceptance Test Format for QNNA1 Relay (BRS:960)	RDSO Test format 01.10.2009	RDSO acceptance test format for QNNA1 relays per BRS:960, covering contact resistance, pressure, clearance, coil and insulation resistance, high voltage and inspection.	2009-10-01	RDSO	RDSO intranet - being processed
Acceptance Test Format SI-F-0154	ELD Level 2 (RDSO/SPN/256)	RDSO acceptance test format for ELD level 2, issued by RDSO Quality Assurance (S&T).		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Domino Type Control Panel for Railway Signalling	RDSO Acceptance Test Format SI-F-7.1-0164 Ver 1.0	RDSO acceptance test format for domino type control panels for railway signalling, effective from 14.09.2026.	2026-09-14	RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 0124 Ver 4.1	Self Regulating Battery Charger (IRS:S 86-2000)	RDSO proforma for acceptance test of self regulating battery chargers, effective from 05.12.12.	2012-12-05	RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 0134 Ver 2.0	Low Maintenance Lead Acid Stationary Secondary Cells (IRS:S 88/2004)	RDSO acceptance test proforma for low maintenance lead acid stationary secondary cells, effective from 14.10.2025.	2025-10-14	RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 0328 Ver 3.0	Point Motor for Electric Point Machine (IRS:S 37-2022)	RDSO acceptance test format for point motors of electric point machines.		RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 0338	Route, Shunt and Calling-On Signal (RDSO/SPN/153/2011)	RDSO acceptance test format for route, shunt and calling-on signals, effective from 30.03.2017.	2017-03-30	RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 0385 Ver 1.1	LED Signal Lamps for Main Colour Light Signals (RDSO/SPN/199/2025)	RDSO acceptance test format for integrated LED signal lamps for main colour light signals, effective from 15.07.2025.	2025-07-15	RDSO	RDSO intranet - being processed
↳ Acceptance Test Format for LED Signal Lamps for Main Colour Light Signals (RDSO/SPN/199/2010 Rev 1.0)	RDSO SIF 0385 Ver 1	RDSO acceptance test format for LED signal lamps for main colour light signals, covering visual inspection, dimensions and operating parameters.	2015-01-14	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Acceptance Test Format SIF 0385 Ver 1.1 - LED Signal Lamps for Main Colour Light Signals (RDSO/SPN/1*
Acceptance Test Format SIF 0702 Ver 4	Signalling Cable (IRS:S 63) (30.11.2011)	RDSO Inspection Cell acceptance test format for signalling cable, effective from 30.11.2011.	2011-11-30	RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 0708 Ver 0	Railway Signalling Cables (IRS:S 76/89 up to Amendment 3) (12.07.2004)	RDSO Inspection Cell acceptance test report for railway signalling cables, effective from 12.7.2004.	2004-07-12	RDSO	RDSO intranet - being processed
Remote Diagnostics and Predictive	RDSO Acceptance Test Format	RDSO proforma for acceptance test of the Remote	2026-07-23	RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance System (RDPMS)	SIF 10/2025 (RDPMS-AT) Ver 2.0 Amendment 1	Diagnostics and Predictive Maintenance System, effective 23.07.2026.			being processed
Acceptance Test Format SIF 312 Ver 5.1	Electric Point Machine to IRS:S 24-2025	RDSO acceptance test format for electric point machines to IRS:S 24-2025.		RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 7.1-0394 Ver 1.0	KLCR (RDSO/SPN/219) (12.08.2021)	RDSO acceptance test format SIF-7.1-0394, effective from 12.08.2021.	2021-08-12	RDSO	RDSO intranet - being processed
Acceptance Test Format Ver 2 for QNA1K Plug-in AC Immunised DC Neutral Relay 24V DC 1000 ohm	RDSO Test format 15.03.2010	RDSO acceptance test report format for QNA1K plug-in AC immunised DC neutral relays, covering operating characteristics, contact resistance, AC immunity and inspection.	2010-03-15	RDSO	RDSO intranet - being processed
Acceptance Test Report	Desk Type Magneto Telephone (IRS:TC 36-97 with Amendment 1)	Acceptance test report format for desk type magneto telephone covering visual inspection, electrical characteristics and performance tests.		RDSO	RDSO intranet - being processed
Acceptance Test Report 0008 - Power Supply Unit (2 Amps) for Telecom Installation at Way Station in 25kV Electrified Areas (IRS:TC-72/97 Amdt 1)	RDSO Test format 01.10.2006	Acceptance test report format for power supply unit for way station telecom installations, effective 01-10-2006.	2006-10-01	RDSO	RDSO intranet - being processed
Acceptance Test Report for 4W/2W Portable Control Telephone	IRS:TC 75-99 with Amendment 4 (01.06.2017)	Acceptance test report format for portable control telephone covering visual inspection, electrical parameters and high voltage tests.	2017-06-01	RDSO	RDSO intranet - being processed
Underground Jelly Filled Telecom Quad Cables (IRS:TC 30-05)	RDSO Amendment in Acceptance Test Format 0004 Rev 1	Letter dated 03.04.2007 to ED/QA/S&T proposing corrections in the acceptance test format for underground jelly filled telecom quad cables with 0.9mm conductor.	2007-04-03	RDSO	RDSO intranet - being processed
Acceptance Test Format for Q-series Plug-in Relay (QECX type,)	RDSO Test format	RDSO acceptance test report format for a Q-series plug-in relay, covering operating characteristics, contact resistance and mechanical checks.		RDSO	RDSO intranet - being processed
LAN Switch	RDSO Acceptance Test Format No. 0078	RDSO letter to zonal railways forwarding the acceptance test format for LAN switch.	2016-08-04	RDSO	RDSO intranet - being processed
Acceptance Test Format for Voice Frequency Communication System (RDSO/SPN/TC/34/2002 Ver 4)	RDSO Letter dated 20.04.2007	RDSO letter to ED/QA(S&T) enclosing the acceptance test format for voice frequency communication system (amplifier equalizer system).	2007-04-20	RDSO	RDSO intranet - being processed
Type Test Format 0013 for Voice Frequency Communication System	RDSO Letter dated 20.04.2007	RDSO letter to ED/QA(S&T) enclosing the type test format for voice frequency communication system.	2007-04-20	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
(RDSO/SPN/TC/34/2002)					processed
Acceptance Test Format for Emergency Socket Box of FRP Material	RDSO Letter dated 29/11/2021	RDSO letter to QA executive directors forwarding the acceptance test format for FRP material emergency socket box.	2021-11-29	RDSO	RDSO intranet - being processed
Acceptance Test Format SIF 7.1 0646 Ver 6 for Multi-Section Digital Axle Counter (AzLM) of Eldyne	RDSO Letter RDSO-SIGOMDAC(ELDY)/1/2020	RDSO letter issuing the acceptance test format for the Eldyne AzLM multi-section digital axle counter.	2021-02-01	RDSO	Live
Letter STS/E/AC/Digital/Eldyne/AzLS - Modified Acceptance Test Proforma SIF 7.1 0642 Ver 4 for Single Section Digital Axle Counter (AzLS) of Eldyne	RDSO Letter 15.05.2017	RDSO letter issuing the modified acceptance test proforma for the Eldyne AzLS single section digital axle counter.	2017-05-15	RDSO	Live
Acceptance Test Format for SMPS	RDSO Letter STT/Tele/SMPS/142 Vol-II dated 20.08.2014	RDSO letter to QA S&T executive directors forwarding the acceptance test format for SMPS based power plant.	2014-08-20	RDSO	RDSO intranet - being processed
Type Test Format for Track Feed Battery Charger	RDSO SI-F 0107 Ver 6.0	RDSO type test format for track feed battery chargers, effective 08.01.2026, revising the 2013 version following specification revision.	2026-01-08	RDSO	RDSO intranet - being processed
Acceptance Test Format for Track Feed Battery Charger	RDSO SI-F 0108 Ver 6.0	RDSO acceptance test format for track feed battery chargers, effective 08.01.2026, covering visual inspection and tests.	2026-01-08	RDSO	RDSO intranet - being processed
Type Test Format for Earth Leakage Detection System Level-2 (RDSO/SPN/256/2025 Ver 2.0), with covering letter	RDSO SI-F-0153 Ver 0.0	RDSO letter issuing the type test format for Level-2 earth leakage detection and earth fault localization systems per RDSO/SPN/256/2025 Ver 2.0.	2025-12-29	RDSO	RDSO intranet - being processed
Type Test Format for Earthing and Bonding System for Signalling Equipment (RDSO/SPN/197 Ver 1.0)	RDSO SI-F-7.1-0137 Ver 1.1	RDSO type test format for earthing and bonding systems for signalling equipment, covering earth electrode inspection, dimensions, copper coating and marking.	2018-03-05	RDSO	RDSO intranet - being processed
Acceptance Test Format for Earthing and Bonding System for Signalling Equipment (RDSO/SPN/197 Ver 1.0)	RDSO SI-F-7.1-0138 Ver 1.1	RDSO acceptance test format covering earth electrodes, enhancement material and bonding for signalling equipment per RDSO/SPN/197 Ver 1.0.	2018-03-05	RDSO	RDSO intranet - being processed
Type Test Format for Automatic Fire Detection & Alarm System for Signalling & Telecom Installations (RDSO/SPN/217/2021 Ver 3.0)	RDSO SI-F-7.1-0295 Ver 1.2	RDSO type test format for automatic fire detection and alarm systems for signalling and telecom installations per RDSO/SPN/217/2021 Ver 3.0, effective 24.06.2021.	2021-06-24	RDSO	RDSO intranet - being processed
Acceptance Test Format for Automatic Fire Detection & Alarm System for	RDSO SI-F-7.1-0296 Ver 1.2	RDSO acceptance test format for automatic fire detection and alarm systems for signalling and	2021-06-24	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Signalling & Telecom Installations (RDSO/SPN/217/2021 Ver 3.0)		telecom installations per RDSO/SPN/217/2021 Ver 3.0.			processed
Type Test Format for QNA1 Relay	RDSO SI-F-7.1-0443 Ver II	RDSO type test format for QNA1 relays per BRS:931A, covering coil resistance, operating values, operate and release times and high voltage test.	2014-11-12	RDSO	RDSO intranet - being processed
Type Test Format for QTA2 Relay	RDSO SI-F-7.1-0457 Ver 1	RDSO signal laboratory type test report format for QTA2 relays per IRS:S 23, S 34, BRS:939A and BRS:966, group O tests.	2014-11-21	RDSO	RDSO intranet - being processed
Type Test Format for QT2 Relay	RDSO SI-F-7.1-0459 Ver 0	RDSO type test format for QT2 track relays per BRS:938A, covering coil resistance, operating values and operate and release times.	2014-12-09	RDSO	RDSO intranet - being processed
Acceptance Test Format for BPAC using UFSBI for Single Line (Webfil make)	RDSO SI-F-7.1-0692 Ver 1.0	RDSO acceptance test format for block proving axle counter using UFSBI for single line, Webfil make, to IRS:S 105/2012.	2015-08-11	RDSO	Live
Acceptance Test Format for BPAC using UFSBI for Double Line (Webfil make)	RDSO SI-F-7.1-0694 Ver 1.0	RDSO acceptance test format for block proving axle counter using UFSBI for double line, Webfil make, to IRS:S 105/2012.	2015-08-11	RDSO	Live
Type Test Format for QL1 Relay	RDSO SI-F-7.1-0801 Ver 0	RDSO signal laboratory type test report format for QL1 relays, covering group O tests per IRS:S 23, S 34 and BRS:935A.	2014-10-20	RDSO	RDSO intranet - being processed
Type Test Format for QNA1K Relay	RDSO SI-F-7.1-0803 Ver 0	RDSO type test format for QNA1K relays per BRS:931A, covering coil resistance, operating values, contact sequence and AC immunity tests.	2015-08-24	RDSO	RDSO intranet - being processed
Type Test Format for QN1K Relay	RDSO SI-F-7.1-0805 Ver 0	RDSO signal laboratory type test report format for QN1K relays, group O tests per IRS:S 23, S 34 and BRS:930A.	2015-11-19	RDSO	RDSO intranet - being processed
Proforma for Type Test of Track Feed Battery Charger (IRS:S 89-2013 Ver 1.0)	RDSO SIF 0107 Ver 5	RDSO type test proforma for track feed battery chargers per IRS:S 89-2013, covering visual inspection of cubicle, panel, terminals and surge protection.	2013-09-18	RDSO	RDSO intranet - being processed Older version (reference).
Acceptance Test Format for Track Feed Battery Charger (IRS:S 89-2013 Ver 1.0)	RDSO SIF 0108 Ver 5	RDSO proforma for acceptance test of track feed battery chargers per IRS:S 89-2013, covering visual inspection and component checks.	2013-09	RDSO	RDSO intranet - being processed Older version (reference).
Proforma for Type Test of Battery	RDSO SIF 0123 Ver 4.1	RDSO type test proforma for signalling battery	2012-12-05	RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Charger (IRS:S 86-2000 with Amendment 4)		chargers per IRS:S 86-2000, covering visual inspection of cubicle, wiring, earthing, transformer and rectifier.			being processed
Proforma for Type Test of SMPS Based Integrated Power Supply (RDSO/SPN/165/2023 Ver 4.0 Amdt 1)	RDSO SIF 0129 Ver 3.0	RDSO type test proforma for SMPS based integrated power supply systems per RDSO/SPN/165/2023, effective 16.10.2023, covering inspection, insulation, high voltage and temperature rise.	2023-10-16	RDSO	RDSO intranet - being processed
↳ Proforma for Type Test of SMPS Based Integrated Power Supply System (RDSO/SPN/165/2012)	RDSO SIF 0129 Ver 2	RDSO type test proforma for SMPS based integrated power supply systems, covering type approval information, inspection, insulation, high voltage, temperature rise and performance tests.	2013-02-01	RDSO	RDSO intranet - being processed *Older version (reference). Latest: SIF 0129 Ver 3.0 - Proforma for Type Test of SMPS Based Integrated Power Supply (RDSO/SPN/165/ 2023 V*
Proforma for Acceptance Test of SMPS Based Integrated Power Supply (RDSO/SPN/165/2023 Ver 4.0 Amdt 1)	RDSO SIF 0130 Ver 4.0	RDSO acceptance test proforma for SMPS based integrated power supply systems, covering insulation, high voltage, temperature rise and alarm indications.	2023-10-16	RDSO	RDSO intranet - being processed
↳ Acceptance Test Format SIF 0130 Ver 2	SMPS based Integrated Power Supply System (RDSO/SPN/165/2012)	RDSO proforma for acceptance test of SMPS based integrated power supply systems, effective from 01.02.2013.	2013-02-01	RDSO	RDSO intranet - being processed *Older version (reference). Latest: SIF 0130 Ver 4.0 - Proforma for Acceptance Test of SMPS Based Integrated Power Supply (RDSO/SPN/165/*
Type Test Format for Motors for Electric Point Machine (IRS:S 37/82)	RDSO SIF 0327 Ver 2	RDSO type test format for motors of electric point machines per IRS:S 37/82, covering HV, insulation, torque, speed and environmental tests.		RDSO	RDSO intranet - being processed
Type Test Format for Modular Terminal	RDSO SIF 0379 Ver 1.0	RDSO type test format for modular terminal blocks,		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Blocks (RDSO/SPN/189/2004 Ver 3.0)		covering visual inspection, marking and mounting rail dimensions.			being processed
Acceptance Test Format for Modular Terminal Blocks (RDSO/SPN/189/2004 Ver 3.0)	RDSO SIF 0380 Ver 0	RDSO acceptance test format for modular terminal blocks, covering visual inspection, mounting rail dimensions and cross section verification.		RDSO	RDSO intranet - being processed
Type Test Format for LED Signal Lighting Unit (RDSO/SPN/153/2011 Rev 4.1 Draft)	RDSO SIF 0381	RDSO type test format for LED signal lighting units, covering visual and dimensional checks, LED count, body, cover and other tests.	2012-10-17	RDSO	RDSO intranet - being processed
Type Test Format for Fuse Auto Changeover System (FACS) (RDSO/SPN/209/2012 Ver 2.0)	RDSO SIF 0389 Ver 1.0	RDSO type test format for the fuse auto changeover system used in railway signalling, covering design, module size, housing and standby fuses.		RDSO	RDSO intranet - being processed
Acceptance Test Format for Fuse Auto Changeover System (FACS) (RDSO/SPN/209/2012 Ver 2.0)	RDSO SIF 0390 Ver 1.0	RDSO acceptance test format for the fuse auto changeover system used in railway signalling, covering components, marking and tests.		RDSO	RDSO intranet - being processed
Acceptance Test Report Format for Silver Impregnated Graphite Contacts (IRS:S 67/85)	RDSO SIF 0402 Ver 1	RDSO acceptance test report format for silver impregnated graphite signalling contacts, covering sampling, inspection, plating, contact resistance, silver, carbon and ash content.	2000	RDSO	RDSO intranet - being processed
Acceptance Test Format for Deltron Make UFSBI	RDSO SIF 0506 Ver 5.0	RDSO acceptance test proforma for Deltron make universal fail-safe block interface (UFSBI) to IRS-S-104/2012.	2016-01-12	RDSO	Live
Acceptance Test Format for Block Panel Double Line with SSDAC and UFSBI (DCC make)	RDSO SIF 0644 Ver 1	RDSO acceptance test format for double line block panel with single section digital axle counter and UFSBI, Digital Communication & Control make.	2006-02-04	RDSO	Live
Acceptance Test Format for Block Panel Double Line with SSDAC and UFSBI (Deltron make)	RDSO SIF 0644 Ver 1	RDSO acceptance test format for double line block panel with single section digital axle counter and UFSBI, Deltron make.	2006-02-04	RDSO	Live
Acceptance Test Format for Siemens AzS 350 U Axle Counter	RDSO SIF 0654	RDSO letter dated 29.05.2008 on the acceptance test format for the Siemens AzS 350 U digital axle counter.	2008-05-29	RDSO	Live
Acceptance Test Format for Block Panel with SSDAC and UFSBI for Single Line (DCC make)	RDSO SIF 0662 Ver 1	RDSO acceptance test format for single line block panel with single section digital axle counter and UFSBI, Digital Communication & Control make.	2007-05-25	RDSO	Live
Acceptance Test Format for Block Panel with SSDAC and UFSBI for Single Line (Deltron make)	RDSO SIF 0662 Ver 1	RDSO acceptance test format for single line block panel with single section digital axle counter and UFSBI, Deltron make.	2007-05-25	RDSO	Live
Acceptance Test Proforma for Single	RDSO SIF 0692 Ver 1.0	RDSO acceptance test proforma for the 2DP-1S	2015-03-18	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Section Digital Axle Counters 2DP-1S Configuration (SSDAC-2DP1S) of Medha Servo Drives		single section digital axle counter of Medha Servo Drives, Hyderabad.			
Type Test Format for PVC Insulated Underground Unscreened Signalling Cable (IRS:S 63/2007)	RDSO SIF 0701 Ver 3	RDSO type test report format for PVC insulated, underground, unscreened railway signalling cable per IRS:S 63/2007 amendment 1, covering physical measurements and electrical tests.	2007-11-02	RDSO	RDSO intranet - being processed
Acceptance Test Format for Earth Leakage Detector (RDSO/SPN/256/2002), with covering letter	RDSO SIF 0704 Ver 2	RDSO letter issuing the revised acceptance test format for earth leakage detectors per RDSO/SPN/256/2002, in four pages.	2013-01-31	RDSO	RDSO intranet - being processed
Type Test Format for Railway Signalling Cables (IRS:S 76/89 with Amendment 3)	RDSO SIF 0707 Ver 0	RDSO type test report format for railway signalling cables per IRS:S 76/89 Amendment 3, covering physical measurements and visual examination.	2004-01-12	RDSO	RDSO intranet - being processed
SIF 139 Ver 0	Proforma for Type Test of Electric Lifting Barrier (RDSO/SPN/208/2012)	RDSO type test proforma for electric lifting barriers, with and without hand generator, covering visual checks, booms, locking and counterbalance.	2012-06-08	RDSO	RDSO intranet - being processed
SIF 140 Ver 0	Acceptance Test Format for Electric Lifting Barrier (RDSO/SPN/208/2012)	RDSO proforma for acceptance test of electric lifting barriers for level crossings, with and without hand generator.	2012-06-08	RDSO	RDSO intranet - being processed
Acceptance Test Proforma for MSDAC (MAC181) of Medha Servo Drives Pvt Ltd	RDSO SIF 7.1 0696	Acceptance test proforma for the MAC181 multi section digital axle counter of Medha Servo Drives, Hyderabad.	2015-05-15	RDSO	Live
Type Test Format for Key Lock Checking Relay (KLCR) (RDSO/SPN/219/2016 Ver 1)	RDSO SIF-7.1-0393 Ver 1.0	RDSO type test report format for key lock checking relays with DC neutral relay for railway signalling, covering visual inspection and general requirements.		RDSO	RDSO intranet - being processed
Acceptance Test Format for QSPA1 8F.4B Slow to Pick-up Relay	RDSO SIF/0412	RDSO acceptance test report format for QSPA1 miniature plug-in DC neutral line slow to pick-up relays, 8F.4B contacts, per BRS:933A.	2005-05-06	RDSO	RDSO intranet - being processed
Acceptance Test Format for QT2 4 ohm DC Neutral Track Relay	RDSO SIF/0414 Ver 3	RDSO acceptance test report format for QT2 miniature plug-in 4 ohm non-AC immune neutral track relays, 2F.1B, per BRS:938A.	2003-12-02	RDSO	RDSO intranet - being processed
Acceptance Test Format for QS3 Miniature Plug-in DC Neutral Line Relay 24V DC 1000 ohm	RDSO SIF/0418 Ver 5	RDSO acceptance test report format for QS3 miniature plug-in non-AC immune DC neutral line relays, covering operating characteristics, contact resistance and pressure.	2005-05-06	RDSO	RDSO intranet - being processed
Acceptance Test Format for QN1 24V DC Plug-in Neutral Line Relay	RDSO SIF/0420 Ver 3	RDSO acceptance test report format for QN1 24V DC miniature plug-in non-AC immune neutral line relays.	2003-11-27	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Acceptance Test Format for QT2 9 ohm DC Neutral Track Relay	RDSO SIF/0422 Ver 2	RDSO acceptance test report format for QT2 miniature plug-in 9 ohm non-AC immune neutral track relays, 2F.2B, per BRS:938A.	2003-12-10	RDSO	RDSO intranet - being processed
Acceptance Test Format for QTA2 2F.1B 9 ohm AC Immune Neutral Track Relay	RDSO SIF/0426 Ver 4	RDSO acceptance test report format for QTA2 miniature plug-in 9 ohm AC immune neutral track relays, 2F.1B, per BRS:939A and BRS:966.	2010-05-03	RDSO	RDSO intranet - being processed
Acceptance Test Format for Fail Safe Electronic Flasher Device 24V DC (RDSO/SPN/173/2002)	RDSO SIF/1480 Ver 0	RDSO acceptance test report format for fail safe electronic flasher devices covering high voltage, insulation, flash timing and overload tests.	2009-01-01	RDSO	RDSO intranet - being processed
Acceptance Test Format for QN1 50V DC Plug-in Neutral Line Relay	RDSO SIF/1482 Ver 0	RDSO acceptance test report format for QN1 50V DC miniature plug-in non-AC immune neutral line relays.	2009-10-01	RDSO	RDSO intranet - being processed
Acceptance Test Format for QNN1 Non-AC Immune DC Neutral Twin Line Relay 24V DC	RDSO SIF/1486 Ver 0	RDSO acceptance test report format for QNN1 plug-in non-AC immune DC neutral twin line relays, covering operating characteristics and inspection.	2009-10-01	RDSO	RDSO intranet - being processed
Type Test Format for Fail Safe Electronic Flasher Device (RDSO/SPN/173/2002 Amendment 2.0)	RDSO SIF/1487 Ver 0	RDSO signal laboratory type test report format for fail safe electronic flasher devices, group O performance tests starting with visual inspection.	2004-05-25	RDSO	RDSO intranet - being processed
Acceptance Test Format for QSRA1 AC Immune Slow to Release Neutral Line Relay 24V DC	RDSO SIF/1490 Ver 0	RDSO acceptance test report format for QSRA1 miniature plug-in AC immune DC slow to release neutral line relays, 8F.4B contacts, per BRS:934A.	2009-10-27	RDSO	RDSO intranet - being processed
Acceptance Test Format for QL1 Magnetically Latched Neutral Line Relay 24V DC	RDSO SIF/1492 Ver 0	RDSO acceptance test report format for QL1 miniature magnetically latched neutral line plug-in relays, 24V DC, 11F.4B or 8F.6B.	2009-10-27	RDSO	RDSO intranet - being processed
Acceptance Test Format for QBCA1 2HF/4B Plug-in Contactor Relay 24V DC	RDSO SIF/1494 Ver 0	RDSO acceptance test report format for QBCA1 plug-in miniature AC immunised DC biased contactor relays, 24V DC, 2HF4B.	2009-11-06	RDSO	RDSO intranet - being processed
Acceptance Test Proforma for Multi Section Digital Axle Counter ACM200 (Another Variant) of Siemens	RDSO SIF:7.1-1614 Version 3.0	RDSO acceptance test proforma for the Siemens ACM200 multi section digital axle counter, another variant.	2021-10-08	RDSO	Live
Specification Compliance cum Acceptance Test Format 0048 Rev 2.0	LAN Extender (RDSO/SPN/TC/82/2020 Rev 2.0)	Specification compliance cum acceptance test format for LAN extender, effective 16.04.2021.	2021-04-16	RDSO	RDSO intranet - being processed
Specification Compliance cum Acceptance Test Format 0078 Rev 2.0	LAN Switch (RDSO/SPN/TC/83/2020 Rev 2.1)	Specification compliance cum acceptance test format for LAN switch, effective 07-12-2022.	2022-12-07	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Schedule of Technical Requirement for Voice Data Logger/Monitor for Control Circuits (RDSO/SPN/TC/038-2002 Ver 2.0)	RDSO STR TCQ 0105 Ver 2.0	Schedule of technical requirement for voice data logger/monitor for control circuits, effective 01/05/2021.	2021-05-01	RDSO	RDSO intranet - being processed
Schedule of Technical Requirement for Emergency Socket Box of FRP Material (RDSO/SPN/TC/44/2002 Ver 3.0)	RDSO STR TCQ 0108 Ver 1.0	Schedule of technical requirement for FRP emergency socket box, effective 19/07/2021.	2021-07-19	RDSO	RDSO intranet - being processed
Schedule of Technical Requirement for Control Communication Equipments for OFC using 2-Wire Telephones (CCEO) (RDSO/SPN/TC/66/2007)	RDSO STR TCQ 0125 Ver 1.0	Schedule of technical requirement for CCEO, effective 01/09/2021.	2021-09-01	RDSO	RDSO intranet - being processed
Type Test Format for VHF Based Secured Station Communication Equipment (RDSO/SPN/TC/73/2008)	RDSO TC-F-8.1-1 Ver 1.0 (22.06.2023)	RDSO telecom type test format for VHF based secured station communication equipment, effective 22-06-2023, revised after the 2021 specification.	2023-06-22	RDSO	RDSO intranet - being processed
Acceptance Test Format for VHF Based Secured Station Communication Equipment (RDSO/SPN/TC/73/2008)	RDSO TC-F-8.1-2 Ver 1.0 (22.06.2023)	RDSO telecom acceptance test format for VHF based secured station communication equipment, effective 22-06-2023, covering inspection, high voltage, insulation, operation and performance tests.	2023-06-22	RDSO	RDSO intranet - being processed
Acceptance Test for Valve Regulated (Sealed) Lead Acid Stationary Battery (IRS:S 93)	RDSO Test Format 0158 Ver 1.0	RDSO proforma for acceptance test of valve regulated sealed lead acid stationary batteries.		RDSO	RDSO intranet - being processed
Template for Acceptance Test of DC-DC Converters used for Electronic Interlocking	RDSO Test Format SI-F-4.1-0128 Ver 1.0	RDSO template for acceptance test of DC-DC converters used in electronic interlocking, effective 17.11.2025.	2025-11-17	RDSO	RDSO intranet - being processed
Type Test Format 0015 Rev 0	Thermoshrink Jointing Kit for Jointing Underground PIJF Cable (RDSO/SPN/TC/57/2015 Rev 1)	Type test format for thermoshrink jointing kit for underground PIJF cable, first issue dated 12.05.2015.	2015-05-12	RDSO	RDSO intranet - being processed
Type Test Format 0023 Ver 1.0	Auto Dialling System for Emergency Socket (IRS:TC-83/2020 Ver 1.1)	Type test format for auto dialling system for emergency socket, effective 08.07.2024.	2024-07-08	RDSO	RDSO intranet - being processed
Type Test Format 0025 Ver 2.0	Control Communication Equipments for OFC Using 2-Wire Telephones (CCEO) (RDSO/SPN/TC/66/2007)	Type test format for control communication equipment for OFC using 2-wire telephones, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
4 Wire/2 Wire Train Traffic Control Equipment with DTMF Signalling (IRS:TC:60-2007 Amdt 1)	RDSO Type Test Format 0033 Rev 1.0	Type test format for train traffic control equipment with DTMF signalling, effective 23.08.2024.	2024-08-23	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Type Test Format 0035 Ver 2.0	Emergency Socket Box of FRP Material (RDSO/SPN/TC/44/2002 Ver 3.0)	Type test format for FRP emergency socket box, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Type Test Format 0039	SMPS Based Power Plant for Indian Railway Telecom Equipment (RDSO/SPN/TL/23/99 Ver 4.0) (22.05.2009)	Type test format for SMPS based power plant for telecom equipment, effective 22.05.2009.	2009-05-22	RDSO	RDSO intranet - being processed
Type Test Format 0049 Rev 2.0	Digital Clock with GPS Synchronization (RDSO/SPN/TC/62/2008 Rev 4.1)	Type test format for digital clock with GPS synchronization, effective 16.07.2024.	2024-07-16	RDSO	RDSO intranet - being processed
↳ Type Test Format 0049 Rev 1	Digital Clock with GPS Synchronisation (RDSO/SPN/TC/62/2008 Rev 3)	Type test format for digital clock with GPS synchronisation, effective 13.08.2020.	2020-08-13	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Type Test Format 0049 Rev 2.0 - Digital Clock with GPS Synchronization (RDSO/SPN/TC/62/2008 Rev 4.1)*
Type Test Format 0051	1.4mm Dia Copper Conductor 4/6 Quad Cable (RDSO/SPN/TC/72/07 with Amdt 1) (20.01.2012)	Type test format for 1.4mm copper conductor 4/6 quad cable, effective 20.01.2012.	2012-01-20	RDSO	RDSO intranet - being processed
IP Based Video Surveillance System (RDSO/SPN/TC/65/2021 Ver 6.0 with Amdt 1, 2 and 3)	RDSO Type Test Format 0053 Ver 5.3	Type test format for IP based video surveillance system, effective 07.01.2025.	2025-01-07	RDSO	RDSO intranet - being processed
Type Test Format 0063 Rev 1.0	Permanently Lubricated HDPE Duct (RDSO/SPN/TC/45/2013 Rev 2.0)	Type test format for permanently lubricated HDPE duct, effective 09.07.2025.	2025-07-09	RDSO	RDSO intranet - being processed
Type Test Format 0069	Primary Digital Multiplexer (IRS-68/12) (12.08.2014)	Type test format for primary digital multiplexer, effective 12.08.2014.	2014-08-12	RDSO	RDSO intranet - being processed
Joint Enclosure for Armoured Optical Fibre Cable (RDSO/SPN/TC/68/2014 Rev 1 Amdt 1)	RDSO Type Test Format 0075 Ver 1.0	Type test format for joint enclosure for armoured optical fibre cable, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Type Test Format 0079 Ver 3.0	VHF Based Approaching Train	Type test format for VHF based approaching train	2022-08-10	RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
	Warning System for Track Maintainers (RDSO/SPN/TC/105/2015 Ver 2.1)	warning system, effective 10-08-2022.			being processed
Desk Type Electronic Magneto Telephone (IRS:TC 79-2000 Amdt 4)	RDSO Type Test Format 0083 Ver 1.0	Type test format for desk type electronic magneto telephone, effective 09.05.2022.	2022-05-09	RDSO	RDSO intranet - being processed
Type Test Format 0085 - IP Based Video Surveillance System for Rolling Stock of Indian Railways (RDSO/SPN/TC/106/2025 Ver 3.1)	RDSO Test format 01.08.2025	Type test format for IP based video surveillance system for rolling stock, effective 01.08.2025.	2025-08-01	RDSO	RDSO intranet - being processed
Type Test Format 0088 Version 2.0	IP Based Integrated Passenger Information System (RDSO/SPN/TC/108/2019 Ver 1.0)	Type test format for IP based integrated passenger information system, effective 05.03.2024.	2024-03-05	RDSO	RDSO intranet - being processed
↳ Type Test Format 0088 Ver 1.0	IP Based Integrated Passenger Information System (RDSO/SPN/TC/108/2019)	Type test format for IP based integrated passenger information system, effective 05.07.2021.	2021-07-05	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Type Test Format 0088 Version 2.0 - IP Based Integrated Passenger Information System (RDSO/SPN/TC/10*
Type Test Format 0090	24/48 Fibre Armoured Optical Fibre Cable (RDSO/SPN/TC/110/2020)	Type test format for 24/48 fibre armoured optical fibre cable, first issue effective 03.08.2020.	2020-08-03	RDSO	RDSO intranet - being processed
Type Test Format 0092	RDSO Telecom Cable Termination Box (Non-Metallic) for Indoor Use (SPN/TC/97-2012 Rev 1)	Type test format for non-metallic telecom cable termination box, effective 20.10.2020.	2020-10-20	RDSO	RDSO intranet - being processed
Type Test Format 0100	Electronic L.C. Gate Telephone Systems (RDSO/SPN/TC/51/2021 Rev 1)	Type test format for electronic level crossing gate telephone systems, effective 24.05.2021.	2021-05-24	RDSO	RDSO intranet - being processed
Type Test Format 0108 Ver 1.0	Voice Data Logger/Monitor for	Type test format for voice data logger/monitor for	2022-06-06	RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
	Control Circuits (RDSO/SPN/TC/38-2002 Ver 2.0)	control circuits, effective 06.06.2022.			being processed
Level Crossing Gate Control and Monitoring Equipment Based on Wired and Wireless (VHF) Communication (RDSO/SPN/TC/49-2020)	RDSO Type Test Format 0110 Ver 1.0	Type test format for level crossing gate control and monitoring equipment, effective 24-08-2023.	2023-08-24	RDSO	RDSO intranet - being processed
Desk Type 2 Wire 12 Way DTMF Telephone (IRS:TC:80/2000 with Amdt 1, 2 and 3)	RDSO Type Test Format 0112 Rev 1.0	Type test format for desk type 2 wire 12 way DTMF telephone, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Universal Way Side DTMF Control Telephone (IRS:TC:82/2005 with Amdt 1, 2 and 3)	RDSO Type Test Format 0114 Rev 1.0	Type test format for universal way side DTMF control telephone, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
4 Wire Way Station Control Telephone (IRS:TC:38/97 with Amdt 1 and 2)	RDSO Type Test Format 0116 Rev 1.0	Type test format for 4 wire way station control telephone, effective 06.06.2022.	2022-06-06	RDSO	RDSO intranet - being processed
Type Test Format 0119 Ver 2.1	VHF Sets to be Used on Indian Railways (RDSO/SPN/TC/107-2018 Ver 2.1)	Type test format for VHF sets used on Indian Railways, effective 29/08/2023.	2023-08-29	RDSO	RDSO intranet - being processed
Light Weight Unbreakable Thermoplastic Insulator for Overhead Telegraph and Telephone Lines (IRS:TC 32-2007 Rev 0 Amdt 1)	RDSO Type Test Format 0122 Ver 1.0	Type test format for thermoplastic insulators for overhead telegraph and telephone lines, effective 11.08.2022.	2022-08-11	RDSO	RDSO intranet - being processed
Type Test Format 0127 Ver 1.0	Integrated Communication System for Tunnels (RDSO/SPN/TC/109/2023 Ver 1.0)	Type test format for integrated communication system for tunnels, effective 18-04-2023.	2023-04-18	RDSO	RDSO intranet - being processed
Type Test Format 0129 Ver 1.0	VoIP Based Train Control Communication System (RDSO/SPN/TC/99/2023 Ver 3.0)	Type test format for VoIP based train control communication system, effective 06.02.2024.	2024-02-06	RDSO	RDSO intranet - being processed
Implementation of IP-MPLS Technology for Unified Communication Backbone on Indian Railway	RDSO Type Test Format 0130 Ver 2.0	Type test format for IP-MPLS unified communication backbone, effective 03.12.2025.	2025-12-03	RDSO	RDSO intranet - being processed
Type Test Format 0131 Ver 1.0	Light Weight Portable Control Telephone (4 Wire/2 Wire) (IRS:TC-78/2020 Ver 1.1)	Type test format for light weight portable control telephone, effective 01.07.2024.	2024-07-01	RDSO	RDSO intranet - being processed
Type Test Format 0132 Ver 1.0	Six Pin Emergency Plug and Socket (IRS:TC-42/2020 Ver 1.1)	Type test format for six pin emergency plug and socket, effective 09.07.2024.	2024-07-09	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Elephant Intrusion Detection System Using Distributed Acoustic Optical Fibre Sensing (IS/RDSO-TC/0002-2024)	RDSO Type Test Format 0134 Ver 1.0	Type test format for elephant intrusion detection system, effective 26-11-2024.	2024-11-26	RDSO	RDSO intranet - being processed
QR Code Based Payment Enabled Fare Repeater Display System	RDSO Type Test Format 0136 Ver 1.0	Type test format for QR code based payment enabled fare repeater display system, effective 10.12.2025.	2025-12-10	RDSO	RDSO intranet - being processed
Two/Three V.F. Transformers for Derivation and Termination of Underground Telecom Cable Circuits (IRS:TC:76-2021)	RDSO Type Test Format 102 Ver 1.0 (25.05.2021)	Type test format for 2T/3T V.F. transformers for underground telecom cable circuits, effective 25-05-2021.	2021-05-25	RDSO	RDSO intranet - being processed
V.F. and Signalling Transformers for Underground Telecommunication Cable Circuits (IRS:TC:22-2021 Ver 1.1)	RDSO Type Test Format 104 Ver 1.0 (02.06.2021)	Type test format for V.F. and signalling transformers, effective 02-06-2021.	2021-06-02	RDSO	RDSO intranet - being processed
Type Test Report for QBAT Relay (RDSO/SPN/084 Ver 2.0, IRS:S 23 and 34)	RDSO Type Test Format SI-F-7.1-0461 Ver 0	RDSO Signal Laboratory type test report format for the QBAT relay, effective from 11/12/2014.	2014-12-11	RDSO	RDSO intranet - being processed
Type Test Format SIF 0391 Ver 1.0	LED Signal Lamps for Main Colour Light Signals (RDSO/SPN/199/2025)	RDSO type test format for LED signal lamps for main colour light signals, effective from 03/12/2025.	2025-12-03	RDSO	RDSO intranet - being processed
↳ Type Test Format for LED Signal Lamps for Main Colour Light Signals (RDSO/SPN/199/2010 Rev 1.0)	RDSO SIF 0391 Ver 0	RDSO type test format for LED signal lamps for main colour light signals, covering visibility, fitment, display area, LED count and arrays.	2015-01-14	RDSO	RDSO intranet - being processed *Older version (reference). Latest: Type Test Format SIF 0391 Ver 1.0 - LED Signal Lamps for Main Colour Light Signals (RDSO/SPN/199/202*
Remote Diagnostics and Predictive Maintenance System (RDPMS)	RDSO Type Test Format SIF 10/2025 (RDPMS-TT) Ver 2.0 Amendment 1	RDSO proforma for type test of the Remote Diagnostics and Predictive Maintenance System, effective 23.07.2026.	2026-07-23	RDSO	RDSO intranet - being processed
Type Test Format SIF 311 Ver 5.1	Electric Point Machine to IRS:S 24-2025	RDSO type test report format for electric point machines to IRS:S 24-2025.		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Type Test Format TCF-0101 Rev 4	Magneto Telephone (IRS:TC 36-97 Amdt 1) (25.01.2012)	Type test report format for magneto telephone, effective 25.1.12.	2012-01-25	RDSO	RDSO intranet - being processed
Power Supply Unit for Telecom Installations at Way Station in 25kV Electrified Areas (IRS:TC 72-97 Amdt 1)	RDSO Type Test Report 0007 Rev 0	Type test report format for way station power supply unit, effective 01-10-2006.	2006-10-01	RDSO	RDSO intranet - being processed

Pre-commissioning checklists (38)

Title	Doc no.	Subject	Issued	Issuer	Status
Installation and Commissioning Report (Pre-Commissioning Check List) for IPS	Document No. SIG 0101 Rev. 4.0	Installation and commissioning report format for integrated power supply and battery set, effective 06.03.2025.	2025-03-06		Live
Pre-Commissioning Check List for Double Line Block Proving with Axle Counter using UFSBI (IRS:S-105/2012)	Digital Communication & Control Pvt. Ltd. Checklist	Pre-commissioning check list for double line block proving with axle counter using UFSBI, by Digital Communication & Control Pvt. Ltd.		Digital Communication & Control Pvt. Ltd.	Live
Pre-Commissioning Check List for Earthing and Bonding System (RDSO/SPN/197 Ver 1.0), Format SIG 0625	RDSO Checklist 11.07.2019	Pre-commissioning check list for the code of practice for earthing and bonding of signalling equipment, Format No. SIG 0625 Version 1.0.	2019-07-11	RDSO	Live
Pre-commissioning Check List for Networked Data Logger with Failure Analysis System	RDSO Checklist	Pre-commissioning checklist form for a networked data logger with failure analysis system.		RDSO	Live
Pre-Commissioning Check List for Single Line Block Proving with Axle Counter using UFSBI (IRS:S-105/2012)	Digital Communication & Control Pvt. Ltd. Checklist	Pre-commissioning check list for single line block proving with axle counter using UFSBI, by Digital Communication & Control Pvt. Ltd.		Digital Communication & Control Pvt. Ltd.	Live
Pre-Commissioning Check List for Universal Fail Safe Block Interface (UFSBI) as per IRS:S-104/2012	Deltron Equipment & Systems Pvt. Ltd. Checklist	Pre-commissioning check list for the UFSBI working with IBS, from Deltron Equipment & Systems Pvt. Ltd.		Deltron Equipment & Systems Pvt. Ltd.	Live
Multi Section Digital Axle Counter (MSDAC G39) of G.G. Tronics, with covering letter	RDSO Pre-Commissioning Check List SIG:0627 Ver 2.0	RDSO letter issuing revised Pre-Commissioning Check List Ver 2.0 for the G.G. Tronics G39 multi section digital axle counter, with the checklist itself.	2025-12-12	RDSO	Live
Pre-Commissioning Check List TC-C-7.1-001 Ver 1.0	Integrated Communication System for Tunnels (RDSO/SPN/TC/109/2023)	Pre-commissioning checklist for integrated communication system for tunnels, first issue effective 26.07.2024.	2024-07-26	RDSO	RDSO intranet - being processed
Pre-Commissioning Check List TC-C-7.1-002 Ver 1.0	VoIP Based Train Control Communication System	Pre-commissioning checklist for VoIP based train control communication system, first issue effective	2024-08-13	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
	(RDSO/SPN/TC/99/2023 Ver 3.0)	13.08.2024.			processed
SMPS Based Power Plant for Indian Railway Telecom Equipment (RDSO/SPN/TL/23/99 Ver 4.0 Amd 1)	RDSO Pre-Commissioning Check List TC-C-7.1-003 Ver 2.0 (22.06.2026)	Revised pre-commissioning checklist for SMPS based power plant for telecom equipment, effective 22.06.2026.	2026-06-22	RDSO	RDSO intranet - being processed
IP-MPLS	RDSO Pre-Commissioning Check List TC-C-7.1-006 Ver 2.0 (20.08.2026)	RDSO Telecom letter to PCSTEs and others forwarding the revised pre-commissioning checklist for IP-MPLS.	2026-08-20	RDSO	RDSO intranet - being processed
Pre-Commissioning Checklist Electrical Loco TCAS of M/s HBL (SIF No. 0531 Version 0)	RDSO Checklist 18.10.2017	RDSO Signal Directorate pre-commissioning checklist for HBL electric loco TCAS, with references and sign-off by firm and railway representatives.	2017-10-18	RDSO	RDSO intranet - being processed
Pre-commissioning Checklist for Diesel Loco TCAS of HBL (SIF-0530 Ver 0) with Motive Power Directorate Note	RDSO Checklist 16.10.2017	RDSO Motive Power Directorate note finding the HBL diesel loco TCAS pre-commissioning checklist in order, with the checklist SIF-0530.	2017-10-16	RDSO	RDSO intranet - being processed
Pre-Commissioning Checklist SIG 0102 Ver 1.0 for Electric Lifting Barrier (RDSO/SPN/208/2012 Ver 2.0), with covering letter	RDSO Letter 02.02.2026	RDSO letter issuing the pre-commissioning checklist for electric lifting barriers conforming to RDSO specification RDSO/SPN/208/2012 Ver 2.0.	2026-02-02	RDSO	Live
Pre-Commissioning Checklist TC-C-7.1-004 Ver 1.0	IP Based Integrated Passenger Information System (RDSO/SPN/TC/108/2019)	Pre-commissioning checklist for IP based integrated passenger information system, effective 20.01.2025.	2025-01-20	RDSO	RDSO intranet - being processed
Letter	Issuance of Pre-commissioning Check List for IP Based Video Surveillance System (RDSO/SPN/TC/65/2021)	RDSO letter to PCSTEs issuing the pre-commissioning checklist for IP based video surveillance system as recommended by the 41st TCSC.	2024-08-13	RDSO	RDSO intranet - being processed
Issue of Pre-commissioning Check List for SMPS Based Power Plant for Indian Railway Telecom Equipment	RDSO Letter	RDSO letter to PCSTEs issuing the pre-commissioning checklist for SMPS based power plant as recommended by the 41st TCSC.		RDSO	RDSO intranet - being processed
Revision of Pre-commissioning Check-list for IP-MPLS (Comments Invited)	RDSO Letter dated 26.05.2026	RDSO Telecom letter to PCSTEs and others inviting comments on revision of the pre-commissioning checklist for IP-MPLS.	2026-05-26	RDSO	RDSO intranet - being processed
Final Pre-Commissioning Check List of SSDAC and HASSDAC Ver 7	RDSO Letter RDSO-SIG0SDAC(CEL)/1/2020	RDSO letter to Central Electronics Limited issuing the final pre-commissioning check list Version 7 for SSDAC and HASSDAC.		RDSO	Live
PCCL SI-G-0616 Ver 3 for GG Tronics HASSDAC G36R	RDSO Letter RDSO-SIGOHSDC (GGT)/1/2020	RDSO letter to G.G. Tronics issuing pre-commissioning check list SI-G-0616 Version 3 for the HASSDAC G36R.	2025-09-04	RDSO	Live
Pre-Commissioning Check List SIG-0604	RDSO Letter RDSO-SIGOMDAC	RDSO letter to Eldyne Electro-systems issuing pre-	2025-04-01	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Ver 5.0 for Eldyne MSDAC AzLM	(ELDY)/1/2022	commissioning check list SIG-0604 Version 5.0 for the MSDAC AzLM.			
Revised PCCL SIG-0622 Ver 3 for Medha MSDAC MAC181	RDSO Letter RDSO-SIGOMDAC (MEDH)/1/2020	RDSO letter to Medha Servo Drives issuing revised pre-commissioning check list SIG-0622 Version 3 for the MSDAC MAC181.	2025-03-27	RDSO	Live
Revised PCCL SIG 0628 for Medha MSDAC MAC181V2	RDSO Letter RDSO-SIGOMDAC (MEDH)/2/2020	RDSO letter to Medha Servo Drives issuing revised pre-commissioning check list SIG 0628 for the MSDAC MAC181V2.	2025-04-03	RDSO	Live
Revised PCCL No. SIG 0624 Ver 3.0 for Siemens MSDAC (ACM200 Ver 2)	RDSO Letter RDSO-SIGOMDAC (SIEM)/1/2020	RDSO letter to Siemens Ltd. issuing revised pre-commissioning check list SIG 0624 Version 3.0 for the ACM200 MSDAC.	2025-03-11	RDSO	Live
PCCL Ver 3.0 for Sigma MSDAC (BO 23)	RDSO Letter RDSO-SIGOMDAC (SIGM)/1/2020	RDSO letter to Sigma Rail Systems Pvt. Ltd. on pre-commissioning check list Version 3.0 for its MSDAC.		RDSO	Live
PCCL MSDAC CEL SIG 0615 Ver 1	RDSO Letter RDSO-SIGOMDAC(CEL)/1/2020	RDSO letter to Central Electronics Limited issuing pre-commissioning check list SIG 0615 Version 1 for its MSDAC.		RDSO	Live
Final PCCL Frauscher SIG 0620 Ver 5.5	RDSO Letter RDSO-SIGOMDAC(FRAS)/1/2020	RDSO letter to Frauscher Sensor Technology India issuing the final pre-commissioning check list SIG 0620 Version 5.5.		RDSO	Live
PCCL Ver 1 for Eldyne SSDAC AzLS Ver 1.1	RDSO Letter RDSO-SIGOSDAC (ELDY)/1/2020	RDSO letter to Eldyne Electro-systems issuing pre-commissioning check list Version 1 for the SSDAC AzLS.	2025-09-17	RDSO	Live
PCCL SI-G-0606 Ver 3 for GG Tronics SSDAC G36	RDSO Letter RDSO-SIGOSDAC (GGT)/1/2020	RDSO letter to G.G. Tronics issuing pre-commissioning check list SI-G-0606 Version 3 for the SSDAC G36.	2025-09-04	RDSO	Live
Ver 1 Pre-commissioning Check List for Single Section Digital Axle Counter SSDAC-G36, 3DP1S Configuration, of GG Tronics	RDSO Letter SIG 0610 RDSO-SIGOSDAC(GGT)/1/2020	RDSO letter issuing the pre-commissioning check list for the GG Tronics SSDAC-G36 single section digital axle counter in 3DP1S configuration.	2021-12-30	RDSO	Live
Revised PCCL No. SIG-0618 Ver 2 for Medha SSDAC MAC180	RDSO Letter RDSO-SIGOSDAC(MEDH)/1/2020	RDSO letter to Medha Servo Drives issuing revised pre-commissioning check list SIG-0618 Version 2 for the SSDAC MAC180.	2025-03-28	RDSO	Live
Pre-Commissioning Check List for Siemens MSDAC (ACM200 Ver 2.0) as per RDSO/SPN/176/2013 Ver 3.0	RDSO PCCL No. SIG-7.1-0624 Ver 4.0	RDSO revised pre-commissioning check list for Siemens multi-section digital axle counter ACM200 version 2.0.	2026-10-15	RDSO	RDSO intranet - being processed - newer version
Pre-Commissioning Check List for	RDSO/PCCL/257/2025(RDPMS)	Pre-commissioning checklist for RDPMS covering	2026-07	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Remote Diagnostic & Predictive Maintenance System (RDPMS), RDSO/SPN/257/2025 Ver 2.0		station gateway, IoT devices and sensors, per specification RDSO/SPN/257/2025 Ver 2.0.			
Guidelines for Checking and Signing of Pre-Commissioning Checklists of Signalling Equipments	SECR Policy Circular 03/2025	SECR S&T policy circular on checking and signing RDSO pre-commissioning checklists (PCCLs) for signalling equipment.	2025-06-30	South East Central Railway	Staged (SECR HQ library)
Pre-commissioning Checklist for Earth Leakage Detector	RDSO SIG 0301 Ver 0	RDSO pre-commissioning checklist for earth leakage detectors as per RDSO/SPN/256/2000, first issue.	2012-12-06	RDSO	Live
Pre-commissioning Check List of MSDAC AzS 350 U Firmware, Trackside Equipment, of Siemens	RDSO SIG 0601 Ver 1	RDSO pre-commissioning check list for the Siemens AzS 350 U multi section digital axle counter and its trackside equipment.	2009-01-02	RDSO	Live
Pre-commissioning Check List for Solid State Block Proving by Axle Counter (Digital) of Efftronics	RDSO SIG No. 0614 Ver 0	RDSO pre-commissioning check list for the Efftronics solid state block proving by axle counter (digital).	2012-03-30	RDSO	Live
STS/E/AFD&SS Vol. V - Pre-Commissioning Checklist and Testing Procedure for Automatic Fire Detection & Alarm System for S&T Installations (RDSO/SPN/217/2021 Ver 3.0)	RDSO Checklist 22.12.2021	RDSO letter issuing a tentative pre-commissioning checklist and testing procedure for automatic fire detection and alarm systems in signalling and telecom installations.	2021-12-22	RDSO	Live

Inspection & maintenance schedules (3)

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance Schedule of MTRC System (STT-49)	RDSO	Maintenance schedule for MTRC system covering NSS, dispatcher, voice recording, BSS and BTS daily to yearly schedules and backup.		RDSO	RDSO intranet - being processed
Sound Maintenance Practice - Guidelines for AMC by Division	SECR S&T Policy Letter No. 2903	SECR S&T guidelines on annual maintenance contracts by divisions, with an annexure of points to include in AMC proposals.	2015-03-23	South East Central Railway	Staged (SECR HQ library)
STS/E/AFD&SS Vol. V - Maintenance Schedule of Automatic Fire Detection & Alarm System for S&T Installations	RDSO 21.10.2024	RDSO letter circulating the maintenance schedule for automatic fire detection and alarm systems in signalling and telecom installations.	2024-10-21	RDSO	Live

Standard drawings & circuits (251)

Standard drawings (228)

Title	Doc no.	Subject	Issued	Issuer	Status
20M Lattice Tower Drawing	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
20M Lattice Tower General Arrangement Drawing	RDSO Drawing 25.12.2021	General arrangement drawing of a 20 m lattice tower with lightning protection rod and panel details.	2021-12-25	RDSO	RDSO intranet - being processed
30M Lattice Tower Drawing	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
30M Lattice Tower General Arrangement Drawing	RDSO Drawing 25.12.2021	General arrangement drawing of a 30 m lattice tower with disclaimer notes.	2021-12-25	RDSO	RDSO intranet - being processed
40M Lattice Tower Drawing	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
40m Lattice Tower Drawing for 140 kmph Wind Speed	RDSO Drawing 18.01.2022	Digitally signed drawing of a 40 m lattice tower for 140 kmph wind speed; only signature text extracted.	2022-01-18	RDSO	RDSO intranet - being processed
40M Lattice Tower General Arrangement Drawing	RDSO Drawing 25.12.2021	General arrangement drawing of a 40 m lattice tower with panel-wise pipe sections.	2021-12-25	RDSO	RDSO intranet - being processed
Foundation Drawing for 40m Monopole EPA 15 with Water Table	RDSO Drawing	Foundation drawing for a 40 m monopole with EPA up to 15 sq m and 180 kmph wind speed, with water table.		RDSO	RDSO intranet - being processed
Foundation Drawing for 40m Tubular Lattice Tower EPA 15 without Water Table	RDSO Drawing	Foundation drawing for a 40 m three legged tubular lattice tower with EPA up to 15 sq m and 180 kmph wind speed, without water table.		RDSO	RDSO intranet - being processed
Foundation Drawing for Lattice Tower EPA 15 with Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Foundation Drawing for Monopole EPA 15 without Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Lattice Tower Drawing (2024-08-23)	RDSO Drawing 23.08.2024	Tower drawing showing top plan, lightning protection GI rod and panel-wise pipe sections of a lattice tower.	2024-08-23	RDSO	RDSO intranet - being processed
Monopole 20M 180 kmph Tower Drawing	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 20M Foundation Drawing for Soil Bearing Capacity 100 kPa with Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 20M Foundation Drawing for Soil Bearing Capacity 100 kPa without Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 30M 180 kmph Tower Drawing	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 30M Foundation Drawing for Soil Bearing Capacity 100 kPa with Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 30M Foundation Drawing for Soil Bearing Capacity 100 kPa without Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 40M 180 kmph Tower Drawing	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 40M Foundation Drawing for Soil Bearing Capacity 100 kPa with Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 40M Foundation Drawing for Soil Bearing Capacity 100 kPa without Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Monopole 40m Tower Drawing for 140 kmph Wind Speed	RDSO Drawing 20.01.2022	Digitally signed drawing of a 40 m monopole tower for 140 kmph wind speed; only signature text extracted.	2022-01-20	RDSO	RDSO intranet - being processed
Monopole Tower Drawing 20M for 140 kmph Wind Speed	RDSO Drawing	Drawing of a 20 m monopole tower for 140 kmph wind speed, inland suitable, with general notes.		RDSO	RDSO intranet - being processed
Monopole Tower Drawing 30M	RDSO Drawing	Drawing of a 30 m monopole tower with member		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
		sizes and panel details.			being processed
Monopole Tower Drawings EPA-15	RDSO Drawing	Drawings of a monopole tower for EPA 15 with detail views.		RDSO	RDSO intranet - being processed
Approved Standard Drawing of Calling-On Board - South East Central Railway PCSTE Letter	SECR Letter	South East Central Railway PCSTE office letter forwarding the RDSO approved standard drawing of calling-on board.		South East Central Railway	Staged (SECR HQ library)
TCAS Tower Tubular Lattice 3 Legged 20M 140 kmph Wind Speed	RDSO Drawing 31.01.2022	RDSO drawing of a 20 m three legged tubular lattice TCAS tower for 140 kmph wind speed.	2022-01-31	RDSO	RDSO intranet - being processed
TCAS Tower Tubular Lattice 3 Legged 30M 140 kmph Wind Speed	RDSO Drawing 26.01.2022	RDSO drawing of a 30 m three legged tubular lattice TCAS tower for 140 kmph wind speed.	2022-01-26	RDSO	RDSO intranet - being processed
TCAS Tower Tubular Lattice 3 Legged 40M 180 kmph Cyclonic Region (up to 15 EPA)	RDSO Drawing	RDSO drawing of a 40 m three legged tubular lattice TCAS tower for 180 kmph cyclonic region up to 15 EPA with general notes.		RDSO	RDSO intranet - being processed
TCAS Tower Tubular Lattice 3 Legged 40M 180 kmph Wind Speed (EPA 15)	RDSO Drawing	RDSO drawing of a 40 m three legged tubular lattice TCAS tower for 180 kmph wind speed with top plan and end plate connection details.		RDSO	RDSO intranet - being processed
Thick Web Switch with Ground Connection Rods for 220mm Throw Point Machine	RDSO Drawing 3454 ALT-B	RDSO drawing showing thick web switch with lock, detector and drive rod connections and ground connection parts list for the 220mm throw point machine.		RDSO	RDSO intranet - being processed
SS ELB Boom	RDSO Drawing S 11601 (Adv.) Sheet 1	Sheet 1 of the drawing for the SS ELB boom, showing the front view and cross pieces.		RDSO	RDSO intranet - being processed
SS ELB Boom	RDSO Drawing S 11601 (Adv.) Sheet 2	Sheet 2 of the drawing for the SS ELB boom, showing the cross pieces and their dimensions.		RDSO	RDSO intranet - being processed
SS ELB Boom	RDSO Drawing S 11601 (Adv.) Sheet 3	Sheet 3 of the drawing for the SS ELB boom; no text was available.		RDSO	RDSO intranet - being processed
SS ELB Boom	RDSO Drawing S 11601 (Adv.) Sheet 4	Sheet 4 of the drawing for the SS ELB boom, showing plates for sectional joints.		RDSO	RDSO intranet - being processed
Layout Facing Point B.G. (Detector Rod,	RDSO Drawing S 3267-68-69-70	Standard drawing of the facing point layout for		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Far End and Near End)		broad gauge showing the detector rod at far end and near end.			being processed
Layout Facing Point B.G. (Lock Rod, Far End and Near End)	RDSO Drawing S 3271-74	Standard drawing of the facing point layout for broad gauge showing the lock rod at far end and near end.		RDSO	RDSO intranet - being processed
Stock Rail Bracket	RDSO Drawing S 3396	Standard drawing of the stock rail bracket for point operation.		RDSO	RDSO intranet - being processed
Tongue Rail Bracket	RDSO Drawing S 3397 Alt-2	Standard drawing of the tongue rail bracket, alteration 2.		RDSO	RDSO intranet - being processed
Lock Arm Assembly RH	RDSO Drawing S 3398	Standard drawing of the right-hand lock arm assembly.		RDSO	RDSO intranet - being processed
Locking Bar Assembly (Lock Slides RH and LH)	RDSO Drawing S 3402-03 Alt-1	Standard drawing of the locking bar assembly with right-hand and left-hand lock slides, alteration 1.		RDSO	RDSO intranet - being processed
Clamp Point Lock (Spacer) and Locking Bar Assembly (Stopper, Lug, Guide)	RDSO Drawing S 3408 Alt-1 to S 3411	Standard drawing of the clamp point lock spacer and locking bar assembly parts for 60 kg TWS.		RDSO	RDSO intranet - being processed
Detector Rod, Short and Long	RDSO Drawing S 3436A-36B-37A-37B	Standard drawing of short and long detector rods for point machines.		RDSO	RDSO intranet - being processed
Lock Rod, Short and Long	RDSO Drawing S 3456-57-58-59	Standard drawing of short and long lock rods for point machines.		RDSO	RDSO intranet - being processed
Drive Rod, Lug and Bush	RDSO Drawing S 3460-62-63	Standard drawing of the drive rod, lug and bush for point machines.		RDSO	RDSO intranet - being processed
Drive Rod Lug	RDSO Drawing S 3461 Alt-3	Standard drawing of the drive rod lug, alteration 3.		RDSO	RDSO intranet - being processed
Layout 60 kg TWS (Drive Rod Lug)	RDSO Drawing S 3461 Alt-3	Standard layout drawing for the drive rod lug on 60 kg TWS turnouts.		RDSO	RDSO intranet - being processed
Locking Bar Assembly (M.S. Plate) for 1 in 8.5 TWS Turnout	RDSO Drawing S 3462A	Standard drawing of the locking bar assembly with M.S. plate, only for 1 in 8.5 TWS turnouts.		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Base Plate Complete Lock Lever	RDSO Drawing S-10885 Alt-3	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (base plate complete with lock lever, cadmium plated); text is poor OCR.		RDSO	RDSO intranet - being processed
Base Plate Complete Guide Pin for Key	RDSO Drawing S-10893 Alt-3	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (base plate complete with guide pin for key); text is poor OCR.		RDSO	RDSO intranet - being processed
Cover Complete	RDSO Drawing S-10904 Alt-3	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (cover complete); text is poor OCR.		RDSO	RDSO intranet - being processed
Cover Complete Key Plate B	RDSO Drawing S-10906 Alt-3	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Drive Rod for 220mm Throw Point Machine	RDSO Drawing S-11003	RDSO drawing: 220mm stroke high thrust rotary locking type point machine drive rod with rack tooth data; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Bracket for 220mm Stroke Point Machine	RDSO Drawing S-11004	RDSO drawing: 220mm stroke high thrust rotary locking type point machine bracket; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Bracket L.H. for 220mm Throw Point Machine	RDSO Drawing S-11005	RDSO drawing: 220mm stroke high thrust rotary locking type point machine left hand bracket; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Slide Cover Complete L.H.	RDSO Drawing S-11016	RDSO drawing: 220mm stroke high thrust rotary locking type point machine slide cover complete left hand; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Channel Cover Assembly R.H.	RDSO Drawing S-11017	RDSO drawing: 220mm stroke high thrust rotary locking type point machine channel cover assembly right hand; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Stock Rail Bracket	RDSO Drawing S-3396 Alt-3	RDSO drawing: stock rail bracket for clamp point lock 60 kg TWS; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Lock Arm Assembly L.H.	RDSO Drawing S-3399	RDSO drawing: lock arm assembly left hand for clamp point lock 60 kg TWS; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Locking Bar Assembly Full	RDSO Drawing S-3400 Alt-2	RDSO drawing: locking bar assembly for clamp point lock 60 kg TWS, 220mm stroke point machine;		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
		scanned, text partly unreadable.			processed
Drawing S10800 Alt-6	RDSO Drawing	Scanned drawing with no extractable text.		RDSO	RDSO intranet - being processed
Drawing S10801 Alt-5	RDSO Drawing	Scanned drawing with no extractable text.		RDSO	RDSO intranet - being processed
Drive Rod Rack Teeth and Locking Notch	RDSO Drawing S10803 Alt-4	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); drive rod with rack teeth and locking notch; text is poor OCR.		RDSO	RDSO intranet - being processed
Drawing S10804 Alt-4	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); gear housing part; text is poor OCR.		RDSO	RDSO intranet - being processed
Drawing S10805 Alt-4	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); bracket part; text is poor OCR.		RDSO	RDSO intranet - being processed
Drawing S10806-07 Alt-6	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); threaded rod and related parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Segmental Ring Metallic Liner (S10817-18-19 Cancelled)	RDSO Drawing S10818A	RDSO drawing: segmental ring metallic liner; drawings S10817, S10818 and S10819 cancelled; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Segmental Ring Assembly	RDSO Drawing S10820 Alt-3	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); segmental ring assembly and parts list; text is poor OCR.		RDSO	RDSO intranet - being processed
Drawing S10832 Alt-2	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); main gear stopper and split pin parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Main Gear Assembly	RDSO Drawing S10835 Alt-4	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (main gear assembly parts list); text is poor OCR.		RDSO	RDSO intranet - being processed
Main Gear Bracket	RDSO Drawing S10845 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (main gear		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
		bracket); text is poor OCR.			processed
Drawing S10850 Alt-2	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Gear Box	RDSO Drawing S10850 Alt-2	RDSO drawing: point machine gear box assembly with parts list; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawing S10851 Alt-2	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Gear Box Base	RDSO Drawing S10851 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Gear Box Bracket	RDSO Drawing S10852 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (gear box bracket); text is poor OCR.		RDSO	RDSO intranet - being processed *Same document also found in: RDSO downloads (merged, see DUPLICATES.tsv)*
Drawing S10865 Alt-2	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (assembly referring S10908 and S10980 parts); text is poor OCR.		RDSO	RDSO intranet - being processed
Cover Assembly	RDSO Drawing S10865 Alt-2	RDSO drawing: point machine cover assembly with crank handle guide plate and locking piece; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawing S10866 Alt-3	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Gear Box Bracket	RDSO Drawing S10869 Alt-3	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (gear box bracket); text is poor OCR.		RDSO	RDSO intranet - being processed
Drawing S10870 Alt-3	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Gear Train	RDSO Drawing S10870 Alt-3	RDSO drawing: point machine gear train with motor		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
		pinion, bracket and pedestal; scanned, text partly unreadable.			being processed
Drawing S10880 Alt-2	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Key Box Assembly	RDSO Drawing S10880 Alt-2	RDSO drawing: key box assembly with cover, supply cutoff unit, sliding plate and guide roller; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Base Plate Complete Threaded Studs	RDSO Drawing S10891 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (threaded studs for base plate complete); text is poor OCR.		RDSO	RDSO intranet - being processed
DC Motor for Electric Point Machine	RDSO Drawing S10910 Alt-3	RDSO drawing: DC motor for electric point machine, rotary type, with outline and fixing dimensions; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Cover Support	RDSO Drawing S10911 Alt-2	RDSO drawing: cover support, felt, screws and split cotter pins; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Contactor Unit Assembly	RDSO Drawing S10912 Alt-2	RDSO drawing: contactor unit assembly with painting notes; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawing S10920 Alt-2	RDSO Drawing	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Bracket Assembly L.H. and R.H. Contact Assembly B	RDSO Drawing S10928 Alt-2	RDSO drawing: contact assembly B parts: bracket, keeper, contact spring and block; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawing S11000	RDSO Drawing	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
High Thrust Rotary Locking Type Point Machine 220mm	RDSO Drawing S11000	RDSO drawing: assembly of the 220mm stroke high thrust rotary locking type point machine with painting and greasing notes; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Base for 220mm Stroke Electric Point Machine	RDSO Drawing S11001	RDSO drawing: cast iron base for 220mm stroke point machine; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drive Slide for 220mm Point Machine	RDSO Drawing S11003 Alt-2	RDSO drawing: drive slide with rack teeth; scanned,		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
		text partly unreadable.			being processed
Bracket R.H.	RDSO Drawing S11004 Alt-1	RDSO drawing: right hand bracket for 220mm point machine; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Bracket L.H.	RDSO Drawing S11005 Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Cover Assembly 220mm Type	RDSO Drawing S11008	RDSO drawing: cover assembly of 220mm point machine; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Cover of Cover Assembly 220mm	RDSO Drawing S11009	RDSO drawing: cover of the cover assembly; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Slide Cover Complete R.H.	RDSO Drawing S11015	RDSO drawing: slide cover complete right hand for 220mm stroke point machine; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Slide Cover L.H.	RDSO Drawing S11018	RDSO drawing: slide cover left hand with spacer and lamp nipple cover; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawing S3275 Alt-1	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Drawing S3520	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Four Aspect Signal Housing	RDSO Drawing SA 23001 A-M	Standard drawing of the housing for a four aspect colour light signal with light unit and transformer details and inside wiring diagram.		RDSO	RDSO intranet - being processed
Three Aspect Signal Housing	RDSO Drawing SA 23002 A-M	Standard drawing of the housing for a three aspect colour light signal with light unit and transformer details and inside wiring diagram.		RDSO	RDSO intranet - being processed
Two Aspect Signal Housing	RDSO Drawing SA 23003 A-M	Standard drawing of the housing for a two aspect colour light signal with light unit and transformer details and inside wiring diagram.		RDSO	RDSO intranet - being processed
Route Signal	RDSO Drawing SA 23401	Standard drawing of a route signal with unit combination and parts list.		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Marker Fixing Arrangement	RDSO Drawing SA 23451 A	Standard drawing of the fixing arrangement for signal markers, to IRS:S 10.		RDSO	RDSO intranet - being processed
P Marker	RDSO Drawing SA 23455	Standard drawing of the P marker.		RDSO	RDSO intranet - being processed
Marker, Non Illuminated	RDSO Drawing SA 23455-56 P	Standard drawing of the non-illuminated P marker, to IRS:S 10.		RDSO	RDSO intranet - being processed
AG Marker	RDSO Drawing SA 23459	Standard drawing of the AG marker, to IRS:S 10.		RDSO	RDSO intranet - being processed
Marker, Illuminated	RDSO Drawing SA 23461 A	Standard drawing of the illuminated marker; fixing arrangement per drawing SA 23474.		RDSO	RDSO intranet - being processed
Marker, Illuminated (Tubular Post)	RDSO Drawing SA 23474 A	Standard drawing of the illuminated marker tubular post, 140 mm outside diameter.		RDSO	RDSO intranet - being processed
Marker, Disc Type	RDSO Drawing SA 23476 G	Standard drawing of the disc type G marker.		RDSO	RDSO intranet - being processed
Marker	RDSO Drawing SA 23476-77 G	Standard drawing of the G marker disc and clamp, to IRS:S 10.		RDSO	RDSO intranet - being processed
Marker, Illuminated	RDSO Drawing SA 23497 AG	Standard drawing of the illuminated AG marker with signal post of 140 mm outside diameter.		RDSO	RDSO intranet - being processed
Block Section Shunting Limit Board	RDSO Drawing SA 2373 Alt-1	Standard drawing of the block section shunting limit board with black and white bands on a golden yellow surface.		RDSO	RDSO intranet - being processed
Shunt Signal	RDSO Drawing SA 23840	Standard drawing of a shunt signal with parts list.		RDSO	RDSO intranet - being processed
Bolt Complete	RDSO Drawing SA 313-M	Standard drawing of the complete bolt assembly.		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Layout Facing Point B.G. with Siemens EPM (Drive Rod, Drive Lug, Sleeve)	RDSO Drawing SA 8805, S 8806, S 8807	Standard drawing of the facing point layout for broad gauge with Siemens electric point machine, showing drive rod, drive lug and sleeve.		RDSO	RDSO intranet - being processed
Accommodating Crank Base Casting Medium and High	RDSO Drawings S 3430-M and S 3431-M	RDSO drawing of cast iron accommodating crank base casting, medium and high types, with finish and tolerance notes.		RDSO	RDSO intranet - being processed
Lock Rod R.H. and L.H. for 220mm Throw Point Machine	RDSO Drawings S-11006-07	RDSO drawing: 220mm stroke high thrust rotary locking type point machine lock rods; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Detector Rod L.H. and R.H. for 220mm Throw Point Machine	RDSO Drawings S-11010-11	RDSO drawing: 220mm stroke high thrust rotary locking type point machine detector rods; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S-11012-13-14	RDSO Drawing	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Locking Bar Assembly Insulating Plate, Pin, Bush and Lock Washer	RDSO Drawings S-3404 Alt-1, S-3405, S-3406 and S-3407 Alt-1	RDSO drawing: locking bar assembly parts: insulating plate, pin, bush and lock washer; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Clamp Point Lock Cover, Special Head Bolt and Packing	RDSO Drawings S-3412 Alt-2, S-3413 Alt-1 and S-3414	RDSO drawing: clamp point lock cover, special head bolt and packing; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Detector Rod Jaw Pin and Lock Bar Assembly Special Head Bolt	RDSO Drawings S-3426 and S-3427 Alt-1	RDSO drawing: detector rod jaw pin and lock bar assembly bolt, layout 60 kg TWS Siemens point machine; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Layout 60kg TWS IRS Point Machine Detector Rod Long and Short	RDSO Drawings S-3594 and S-3595	RDSO drawing: layout of 1 in 12 turnout with detector rod long and short for 220mm throw point machine, modified weight alteration dated 29-11-2022; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Layout 60kg TWS IRS Point Machine Lock Rod Long and Short	RDSO Drawings S-3596 and S-3597	RDSO drawing: layout of 1 in 12 turnout with lock rod long and short, alteration dated 29-11-2022; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drop Lug for Detector Rod and Lock Rod	RDSO Drawings S-3598D and S-3598L	RDSO drawing: drop lug for detector rod and lock rod, dated 29-11-2022; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Lock Slides R.H. and L.H.	RDSO Drawings S10806-07 Alt-1 (2019)	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Lock Slides R.H. and L.H.	RDSO Drawings S10806-07 Alt-1 (2019) Signed Copy	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Drive Rod and Lock Rod Cover Plate and Rubber Gasket	RDSO Drawings S10808 Alt-2, S10809 Alt-2, S10809A and S10809B Alt-1	RDSO drawing: high thrust point machine drive rod cover plate and rubber gasket parts; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10808-09 Alt-2 and S10809A-09B Alt-1	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); drive rod and cover plate parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Drawings S10810-11 Alt-4	RDSO Drawing	Scanned drawing with no extractable text.		RDSO	RDSO intranet - being processed
Drawings S10812 Alt-4, S10813 Alt-2 and S10814 Alt-4	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); detector rod and cover plate parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Main Gear Ring and Segmental Ring Assembly	RDSO Drawings S10815 Alt-2 and S10816 Alt-1	RDSO drawing: main gear ring and segmental ring assembly; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10815-16 Alt-2	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); main gear assembly ring parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Drawings S10817-18 Alt-3, S10819 Alt-1 and S10818A	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); segmental ring and ring parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Segmental Ring Assembly, Locking Plates, Clamp and Helical Spring	RDSO Drawings S10821-22-23-24 Alt-2	RDSO drawing: segmental ring assembly, locking plates L and R, clamp and R.H. helical spring; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10821-24 Alt-2	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); locking plate and segmental ring parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Drawings S10825 Alt-2, S10826 Alt-2, S10827 Alt-3 and S10828 Alt-1	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); collared bush, hex bolt and related parts;		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
		text is poor OCR.			
Collared Bush, Hex Bolt, Pin for Bush and Spring Holder	RDSO Drawings S10825 Alt-2, S10826 Alt-2, S10827 Alt-3 and S10828 Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Segmental Ring Assembly and Main Gear Stopper	RDSO Drawings S10830 Alt-1 and S10832 Alt-2	RDSO drawing: segmental ring split pin and main gear stopper; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Main Gear Cover Top and Bottom	RDSO Drawings S10833 Alt-2 and S10834 Alt-2	RDSO drawing: point machine main gear cover top and bottom with toggle pin; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10833-34 Alt-2	RDSO Drawing	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (RDSO/S 10800 series); main gear cover and toggle pin parts; text is poor OCR.		RDSO	RDSO intranet - being processed
Main Gear and Driving Pinion	RDSO Drawings S10836 Alt-3 and S10837 Alt-3	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Main Gear and Gear Teeth Data	RDSO Drawings S10836-37 Alt-3	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (main gear and mating gear teeth data); text is poor OCR.		RDSO	RDSO intranet - being processed
Main Gear Locking Pawl, Washer and Bush	RDSO Drawings S10838 Alt-3, S10839 Alt-2 and S10840 Alt-2	RDSO drawing: point machine main gear locking pawl, washer and bush; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Locking Pawl and Related Parts	RDSO Drawings S10838 Alt-3, S10839 and S10840 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (locking pawl and related parts); text is poor OCR.		RDSO	RDSO intranet - being processed
Drawings S10841 Alt-2, S10842-43 and S10844 Alt-3	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Main Gear Bracket, Bush and Toggle Pin	RDSO Drawings S10845 Alt-2, S10846 Alt-2 and S10847 Alt-2	RDSO drawing: point machine main gear bracket, bush and toggle pin; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Slide Cover Complete	RDSO Drawings S10848A Alt-2 and S10848B Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Slide Cover Complete, Flap and Pin	RDSO Drawings S10848A, S10848B, S10848C and S10848D	RDSO drawing: point machine slide cover complete, flap and pin; scanned, text partly unreadable.		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
	Alt-1				processed
Slide Cover Complete	RDSO Drawings S10848A-48B Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (slide cover complete for drive and lock rod); text is poor OCR.		RDSO	RDSO intranet - being processed
Slide Cover Complete	RDSO Drawings S10848C Alt-1, S10848A-48B and S10848D Alt-1	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (slide cover complete and flap); text is poor OCR.		RDSO	RDSO intranet - being processed
Slide Covers	RDSO Drawings S10849A Alt-2 and S10849B Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Slide Cover Complete	RDSO Drawings S10849A-49B Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (slide cover complete for drive and lock rod); text is poor OCR.		RDSO	RDSO intranet - being processed
Pinion Teeth Data and Gear Box	RDSO Drawings S10853 Alt-3 and S10854-56 Alt-1	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (pinion teeth data and gear box parts); text is poor OCR.		RDSO	RDSO intranet - being processed
Gear Box Shaft, Motor Pinion, Driving Gear and Intermediate Gear	RDSO Drawings S10853 Alt-3, S10854 Alt-1, S10855-56 Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Gear Box and Top Plate	RDSO Drawings S10857 Alt-2, S10858 Alt-1 and S10859-60 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (gear box, top plate and insulating sheet); text is poor OCR.		RDSO	RDSO intranet - being processed
Gear Box Top Plate, Oil Tube, Plug and Insulating Sheet	RDSO Drawings S10857-59-60 Alt-2 and S10858 Alt-1	RDSO drawing: gear box top plate and insulating sheet; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Gear Box Dowel Pin, Gasket, Pin and Bush	RDSO Drawings S10861-62-63-64 Alt-2	RDSO drawing: gear box dowel pin, gasket, pin and bush; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Gear Box Gasket and Dowel Pin	RDSO Drawings S10861-64 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (gear box gasket and dowel pin); text is poor OCR.		RDSO	RDSO intranet - being processed
Cover Assembly Cover and Bracket Assembly Contact Assembly	RDSO Drawings S10866 Alt-3 and S10927 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Intermediate Gear Bush and Gear Box Bracket Bush	RDSO Drawings S10867 Alt-2 and S10868 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Drawings S10867-68 Alt-2	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Crank Handle Hole Lock Base, Lid, Pin and Rubber Gasket	RDSO Drawings S10871-72-73 Alt-2 and S10874 Alt-1	RDSO drawing: crank handle hole lock; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10871-73 Alt-2 and S10874 Alt-1	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Key Hole Lock Lid, Pin, Locking Cam and Rubber Gasket	RDSO Drawings S10875-76-77-78 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Key Hole Lock	RDSO Drawings S10875-78 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (key hole lock and lid); text is poor OCR.		RDSO	RDSO intranet - being processed
Base Plate Complete	RDSO Drawings S10881-82 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (base plate complete and clip parts); text is poor OCR.		RDSO	RDSO intranet - being processed
Base Plate Spring Holder, Lock Lever Spring and Guide Roller	RDSO Drawings S10883 Alt-2, S10884 Alt-1 and S10886 Alt-1	RDSO drawing: key box base plate parts; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10883 Alt-2, S10884 Alt-1, S10885 Alt-2 and S10886 Alt-1	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Drawings S10887 Alt-2, S10888 Alt-2, S10889 Alt-1 and S10890 Alt-1	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Sliding Plate Guide Pin, Lid for Crank Handle, Washers	RDSO Drawings S10887-S10890	RDSO drawing: key box assembly sliding plate, guide pin, lid and special washers; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Base Plate Threaded Studs and Stud for Lock Lever	RDSO Drawings S10891-92-94 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Contact Strip and Sliding Plate	RDSO Drawings S10895 Alt-2, S10896 Alt-1, S10897 Alt-2 and S10898 Alt-2	Scanned RDSO drawing of the high thrust rotary locking type electric point machine (contact strip, sliding plate and filler block); text is poor OCR.		RDSO	RDSO intranet - being processed
Key Box Sliding Plate Complete, Sliding	RDSO Drawings S10895 to	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Plate and Filler Block	S10898				being processed
Key Box Contact Holder and Contact Spring	RDSO Drawings S10899-900-901 Alt-2 and S10902 Alt-1	RDSO drawing: key box contact holder, contact spring and insulating bush; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Key Box Assembly Cover Complete	RDSO Drawings S10903 Alt-1 and S10904-05-06 Alt-2	RDSO drawing: key box assembly cover complete; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10903 ALT-1 Key Box Assembly Cover Complete and S10905 ALT-2 Cover Complete Key Plate	RDSO Drawing	Scanned RDSO drawings of key box assembly cover and key plate cover components; text is poor OCR.		RDSO	RDSO intranet - being processed
Key Box Supply Cut Off Unit and Insulating Bush	RDSO Drawings S10907 Alt-2, S10907A, S10907B Alt-1 and S10907C	RDSO drawing: supply cut off unit and insulating bush for key box; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Cover Assembly Crank Handle Hole Lock and Key Hole Lock	RDSO Drawings S10908-09 Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Contact Strip and Contactor Unit Assembly	RDSO Drawings S10913-14-15 Alt-2	RDSO drawing: contact strip and contactor unit assembly; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Contactor Unit Assembly Square Head Bush and Threaded Bush	RDSO Drawings S10916 Alt-2, S10917, S10918 Alt-1 and S10919 Alt-2	RDSO drawing: contactor unit assembly parts; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Bracket Assembly L.H. Bracket A and Bracket B	RDSO Drawings S10929-30 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Bracket Assembly R.H. Bracket A and Bracket B	RDSO Drawings S10931-32 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Bracket Assembly L.H. and R.H. Roller A, Pin, Roller B and Bush A	RDSO Drawings S10933-34-35-36 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Bracket Assembly Washer for Pin, Collared Bush and Solid Pin	RDSO Drawings S10937-38-40 Alt-2 and S10939 Alt-3	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Contact Assembly A and B Contact Block, Bracket and Keepers	RDSO Drawings S10945 Alt-1 and S10946-47-48 Alt-2	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Contact Assembly A and B Bracket, Contact Spring, Washer and Block for Keeper	RDSO Drawings S10949-50-52 Alt-2 and S10951 Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Key Hole Lock Lid Support, Cover Assembly Locking Piece, Crank Handle Hole Lock Locking Cam and Key	RDSO Drawings S10957-58-59-60 Alt-2	RDSO drawing: key hole lock and crank handle hole lock parts; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Cover Locking Hook Assembly	RDSO Drawings S10961 and S10962-63-64 Alt-1	RDSO drawing: cover locking hook assembly, locking hook, fixing plate and packing piece; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Stopper and Cable Hole Cover with Rubber Gasket	RDSO Drawings S10965-67 Alt-1 and S10966-68	RDSO drawing: stopper and cable hole cover with rubber gasket; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Pin, Cover Latch Pin and Oil Felt A	RDSO Drawings S10969-70 Alt-1 and S10971	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Drawings S10969-70 Alt-1 and S10971 Alt-Nil	RDSO Drawing	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Crank Handle Spigot Positions	RDSO Drawings S10973A-E, S10974 and S10975 Alt-1	RDSO drawing: crank handle and table of spigot positions and notch angles; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Crank Handle, Crank Pipe and Collar	RDSO Drawings S10973A-E, S10974-75 Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Crank Handle Wooden Grip, Spindle, Arm and Roller Bush	RDSO Drawings S10976 to S10979	RDSO drawing: crank handle wooden grip, spindle, arm and roller bush; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S10976-78 Crank Handle Wooden Grip and Roller Bush and S10977-79 ALT-1 Crank Handle Spindle and Arm	RDSO Drawing	Scanned RDSO drawings of crank handle components including wooden grip, roller bush, spindle and arm; text is poor OCR.		RDSO	RDSO intranet - being processed
Crank Handle Guide Plate and Washer	RDSO Drawings S10980A-E and S10981 Alt-1	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Lock Slides R.H. and L.H.	RDSO Drawings S11006-07 Alt-1	RDSO drawing: lock slides right hand and left hand with rivets and threaded rod; scanned, text partly		RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
		unreadable.			processed
Detector Slides L.H. Alt-3 and R.H. Alt-2	RDSO Drawings S11010-11	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Main Gear Rack Pinion, Drive Rod Cover Plate and Gasket	RDSO Drawings S11012, S11013 and S11014	Scanned RDSO drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Lock Slide Cover Plate and Rubber Gasket	RDSO Drawings S11526-27 Alt-1	RDSO drawing: lock slide cover plate and rubber gasket for 220mm throw electric point machine; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Layout Facing Point B.G. Fitted with IRS Electric Point Machine 143mm	RDSO Drawings S3262-63 Alt-4	RDSO drawing: layout of facing point broad gauge fitted with IRS electric point machine, throw rod connections; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Layout Facing Point B.G. P-Type Switch Extension Bracket and Insulation Plate R.H. and L.H.	RDSO Drawings S3264 Alt-2, S3265 Alt-1 and S3266 Alt-1	RDSO drawing: layout facing point B.G. fitted with high thrust rotary locking type point machine, extension bracket and insulation plates; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Drawings S8813, S8640, S3265-66	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Drawings S8813, S8640, S3265-66 (Sheet 2)	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Drawings S8813, S8640, S3265-66 (Sheet 3)	RDSO Drawing	Scanned RDSO drawing for the electric point machine series; no usable text extracted.		RDSO	RDSO intranet - being processed
Policy for Checking and Approval of S&T Drawings	SECR Policy Circular 01/2012	SECR S&T policy circular authorising officials to check and approve S&T drawings under IRSEM Part I para 8.7.	2012-11-19	South East Central Railway	Staged (SECR HQ library)
Policy for Checking and Approval of S&T Drawings	SECR Policy Circular 01/2019	SECR S&T policy circular on checking and approval of S&T drawings, referring to the Rev-II policy of 2017.	2019-01-25	South East Central Railway	Staged (SECR HQ library)
Policy for Checking and Approval of S&T Drawings	SECR Policy Circular 02/2017 Rev-II	SECR S&T revised policy for checking and approval of S&T drawings, per IRSEM and a Railway Board letter.	2017-12-21	South East Central Railway	Staged (SECR HQ library)
Checking and Approval of Drawings	SECR Policy Circular 07/2014	SECR S&T policy circular on checking and approving S&T drawings by construction and open line officials, per IRSEM para 8.7.		South East Central Railway	Staged (SECR HQ library)
Spire 20M Foundation Drawing for Soil	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Bearing Capacity 100 kPa with Water Table					being processed
Spire 20M Foundation Drawing for Soil Bearing Capacity 100 kPa without Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Spire 30M Foundation Drawing for Soil Bearing Capacity 100 kPa with Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Spire 30M Foundation Drawing for Soil Bearing Capacity 100 kPa without Water Table	RDSO Drawing	Foundation drawing for a 30 m spire tower without water table, with reinforcement details and designer disclaimer.		RDSO	RDSO intranet - being processed
Spire 40M Foundation Drawing for Soil Bearing Capacity 100 kPa with Water Table	RDSO Drawing	Scanned tower drawing; no usable text extracted.		RDSO	RDSO intranet - being processed
Spire 40M Foundation Drawing for Soil Bearing Capacity 100 kPa without Water Table	RDSO Drawing	Foundation drawing for a 40 m spire tower without water table, with reinforcement details and designer disclaimer.		RDSO	RDSO intranet - being processed
Tower Drawing 2021-PACS-SPAR-207RM-DWG-DOC-001	Drawing 25.12.2021	Digitally signed tower drawing document; only signature text extracted.	2021-12-25		RDSO intranet - being processed
Tower Drawing 2021-PACS-SPAR-307RH-DWG-DOC-001	Drawing 25.12.2021	Digitally signed tower drawing document; only signature text extracted.	2021-12-25		RDSO intranet - being processed
Tower Drawing 2021-PACS-SPAR-407RH-DWG-DOC-001	Drawing 25.12.2021	Digitally signed tower drawing document; only signature text extracted.	2021-12-25		RDSO intranet - being processed
Tower Foundation Drawing for 6.5 EPA with Water Table (Cyclonic Region)	RDSO Drawing 24.09.2024	Foundation drawing for a tower of 6.5 EPA in a cyclonic region with water table, with quantities and disclaimer.	2024-09-24	RDSO	RDSO intranet - being processed
Tower Foundation Drawing for 6.5 EPA without Water Table (Cyclonic Region)	RDSO Drawing 24.09.2024	Foundation drawing for a tower of 6.5 EPA in a cyclonic region without water table, with quantities and disclaimer.	2024-09-24	RDSO	RDSO intranet - being processed
Tower Foundation Drawing with Water Table (2024-04-17)	RDSO Drawing 17.04.2024	Scanned tower drawing; no usable text extracted.	2024-04-17	RDSO	RDSO intranet - being processed
Tower Foundation Drawing without Water Table (2024-04-17)	RDSO Drawing 17.04.2024	Scanned tower drawing; no usable text extracted.	2024-04-17	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Typical Drawing for S&T Service Building (up to 100 routes with single IPS) with Centralized Interlocking System	Railway Board Drawing 08.01.2019	Typical drawing and notes for an S&T service building with centralized electronic interlocking up to 100 routes, per Railway Board letter of 08.01.2019.	2019-01-08	Railway Board	Live

Circuit diagrams (23)

Title	Doc no.	Subject	Issued	Issuer	Status
Block Bell Equipment Circuit (DLBI) - STTC Nainpur Drawing	STTC Nainpur (SECR) Drawing	Circuit drawing of block bell equipment for double line block instrument with transistor oscillator, relays and resistors.		STTC Nainpur (SECR)	Live
Circuit Diagram of Double Line Block Working with Protective Devices for AC Electrified Area (DLBI)	STTC Nainpur	Teaching circuit drawing of double line block instrument working with protective devices for AC electrified areas.		STTC Nainpur	Live
DLBI Block Filter Unit Circuit for 25 kV RE Area (STTC Teaching Drawing)	Drawing	Block filter unit circuit for 25 kV RE area showing protective chokes, four-terminal condenser, lightning arrestor and component values, working frequency 150 Hz.			Live
DLBI Block Instrument Wiring Diagram S 22940 with Colour Code	STTC Nainpur	Teaching drawing of the double line block instrument wiring diagram S 22940 with colour code.		STTC Nainpur	Live
DLBI Filter Unit VF Tx - Annotated Photo (STTC Teaching Drawing)	Drawing	Annotated photo of DLBI isolation transformer and block filter unit with modifications for 25 kV RE area.			Live
Emergency Point Operation - Circuit Sheet (STTC Teaching Drawing)	Drawing	Teaching circuit drawing of emergency point operation (EWN) from the point operation flow chart set.			Live
Full Circuit Diagram	Digital Communication & Control, Kolkata Single Line Tokenless Block Instrument to IRS:S98/2001, DCC Make (Drg No. DCC/TBI/WD/01)	Full circuit diagram of a single line tokenless block instrument made by Digital Communication & Control, based on RDSO drawing RDSO/S-14486.	2004-02-16	Digital Communication & Control, Kolkata	Live
Hand-drawn Relay Circuit Sketch - Track Locking (STTC Nainpur)	Unnumbered	Image of a hand-drawn relay circuit sketch for track locking from STTC teaching material; unlabelled.			Live
NNCR/UNCR/HNCR Circuit - Panel Interlocking, STTC Nainpur Drawing	STTC Nainpur (SECR) Drawing	Hand-drawn teaching sketch of the NNCR, UNCR and HNCR slow-to-release relay circuit with buzzer for panel interlocking.		STTC Nainpur (SECR)	Live
Point Circuit	7 Wire, STTC Nainpur Drawing	Teaching drawing of a 7-wire point control circuit.		STTC Nainpur (SECR)	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Point Circuit - Single End, STTC Nainpur Drawing	STTC Nainpur (SECR) Drawing	Teaching drawing of a single-end point detection and operation circuit.		STTC Nainpur (SECR)	Live
Point Machine Internal Wiring, STTC Nainpur Drawing	STTC Nainpur (SECR) Drawing	Teaching drawing of the internal wiring of a point machine.		STTC Nainpur (SECR)	Live
Point WNR/WRR Circuit, STTC Nainpur Drawing	STTC Nainpur (SECR) Drawing	Scanned teaching drawing of the point WNR/WRR circuit.		STTC Nainpur (SECR)	Live
Printed Relay Circuit Sheet Photo - Track Locking (STTC Nainpur)	Unnumbered	Photo of a printed relay circuit sheet showing relay contacts and terminals for track locking from STTC teaching material; unlabelled.			Live
Block Panel with SSDAC and UFSBI (BPAC), Double Line	RDSO Drawing RDSO/S 32017/32018	RDSO drawing set for double line block panel with SSDAC and UFSBI, including block section and cable plan, relay rack, contact analysis chart, power supply and line circuits.	2004-10-08	RDSO	Live
Block Panel with SSDAC and UFSBI/MUX-Combiner (BPAC), Single Line	RDSO Drawing RDSO/S 32019	RDSO drawing set for single line block panel with SSDAC and UFSBI/MUX-combiner, including block section and cable plan, panel, relay rack, contact analysis chart and line and reset box circuits.	2004-10-08	RDSO	Live
Final Circuit Committee Report Including All Annexures	RDSO 02.05.2012	RDSO circuit committee report with annexures including route relay and track stick relay circuit sheets.	2012-05-02	RDSO	RDSO intranet - being processed
Modified Point Detection Circuit (NDKR1/RDKR1) for Standard Typical Circuits of EI	RDSO Letter No. RDSO-SIG0EI(CKT)/1/2020	RDSO letter on trial of modified point detection circuit using new bits NDKR1/RDKR1 by direct proving, to address the hazard of point position not matching detection.	2024-08-29	RDSO	Live
Standardization of Typical Circuits for Electronic Interlocking	RDSO Report No. SS/155/2019 Version 2.0 dated 29.03.2022	RDSO report on standardised typical circuits for electronic interlocking, version 2.0.	2022-03-29	RDSO	Live
Standard Typical Point Machine Circuit Diagrams (Non-Superimposed Point Operation and Detection) for Different Crossover Layouts	RDSO 18.09.2026	RDSO standard typical circuit diagrams for non-superimposed point operation and detection for different crossover layouts and point machine orientations.	2026-09-18	RDSO	RDSO intranet - being processed
Standardization of Typical Circuits for Electronic Interlocking, letter to zonal railways for comments	RDSO-SIG0EI(CKT)/1/2020	RDSO letter circulating draft standard typical circuits for Sectional Route Release in electronic interlocking to zonal railways for comments within 15 days.	2026-04	RDSO	Live
Standardization of Typical Circuits for Electronic Interlocking	RDSO Report No. SS/155/2019 Version 3.0	RDSO report on standard typical circuits for electronic interlocking, version 3.0 adding circuits for automatic signalling.	2024-07-08	RDSO	Live
Signal Button Circuit (GNR) - Panel	STTC Nainpur (SECR) Drawing	Hand-drawn teaching sketch of a signal button (GNR)		STTC Nainpur (SECR)	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Interlocking, STTC Nainpur Drawing		circuit for panel interlocking.			

Policy letters, TANs & circulars (143)

Railway Board letters (39)

Title	Doc no.	Subject	Issued	Issuer	Status
↳ ACS No. 3 to Policy Circular No. 6	Railway Board No. 2018/CEDE/SR/PC-6/0 Slip No. 3	Railway Board addendum and corrigendum slip No. 3 to Policy Circular No. 6, following an RDSO letter.	2022-09-20	Railway Board	Staged (SECR HQ library) *Slip No. 3 to Policy Circular 6; issued 2022-09-20* *parent manual itself not in this list*
↳ Correction Slip to Para 6.1(a) of Revised Policy Circular No. 6 - Sanction of Speed of Nominated Trains on Specific Routes	Railway Board Correction slip 09.07.2010	Railway Board correction slip revising para 6.1(a) of Policy Circular No. 6 on sanction of speed of nominated trains on specific routes.	2010-07-09	Railway Board	Staged (SECR HQ library) *Slip No. 6 to Policy Circular 6; issued 2010-07-09* *parent manual itself not in this list*
Use of Products from Trusted Sources for Backbone Telecom Network	Railway Board Circular 2023/Tele Dev/Trusted Sources	Railway Board circular on use of trusted products from trusted sources for the LTE and IP/MPLS backbone telecom network.	2023-10-11	Railway Board	RDSO intranet - being processed
Correction Slip - Utilisation of Railway Land for Grow More Food Purposes	Railway Board Correction slip	Railway Board correction slip on utilisation of railway land for grow more food purposes and licensing of land for cultivation.		Railway Board	Staged (SECR HQ library)
Correspondence Check and Testing before Reconnection of Signalling Gears	Railway Board Letter 07.07.2026	Railway Board letter to PCSTEs on ensuring correspondence check and testing before reconnection of signalling gears when commissioning new works or altering installations.	2026-07-07	Railway Board	Live
Inspection of ISS Equipment	Railway Board Letter 2010/Tele/9(1)/1	Railway Board letter on inspection of integrated security system equipment for which testing facilities are not available in the country.	2012-04-26	Railway Board	RDSO intranet - being processed
System Improvement: Compatibility and	Railway Board Letter	Railway Board letter on elaborating compatibility and	2015-02-10	Railway Board	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Performance of Telecom Equipment in Tender Documents	2015/Tele/15(18)3	performance issues of telecom equipment in tender documents.			being processed
Decontrol of RDSO Controlled S&T Items	Railway Board Letter 2019/Sig/86th SSC	Railway Board letter on RDSO controlled S&T items proposed for delisting, following RDSO letters.	2020-03-24	Railway Board	RDSO intranet - being processed
Controlled S&T Items Proposed for Delisting (Decontrol)	Railway Board Letter 2019/Sig/86th/SSC	Railway Board letter on 36 RDSO controlled S&T items (27 signal, 9 telecom) identified for delisting.	2020-03-06	Railway Board	RDSO intranet - being processed
Deregulation and Decontrol of Select Telecom Items	Railway Board Letter 2020/Tele/9(1)/1	Railway Board letter on deregulation and decontrol of select telecom items, referring to RDSO letters.	2022-02-21	Railway Board	RDSO intranet - being processed *Same document also found in: RDSO downloads (merged, see DUPLICATES.tsv)*
Telecom Items to be Delisted from RDSO Vendor Directory	Railway Board Letter 2020/Tele/9(1)/1	Railway Board letter on delisting of RDSO controlled telecom items from the vendor directory.	2020-11-17	Railway Board	RDSO intranet - being processed
Approval of Recommendations of 40th TCSC Meeting	Railway Board Letter 2020/Tele/9(2)/1 (TCSC)	Railway Board annexure giving comments on each recommendation of the 40th TCSC, starting with dispensing with EC sockets where CUG/VHF coverage is adequate.	2023-04-28	Railway Board	RDSO intranet - being processed
Approval of Recommendations of 42nd TCSC Meeting	Railway Board Letter 2020/Tele/9(2)/1	Railway Board letter to PED/S&T RDSO communicating approval of the 42nd TCSC recommendations held 20 and 21 December 2024 as in Annexure-1.	2025-01-04	Railway Board	RDSO intranet - being processed
Approval of Recommendations of 41st TCSC Meeting	Railway Board Letter 2020/Tele/9(2)/1 dated 10.04.2024	Railway Board letter to PED/S&T RDSO communicating approval of the 41st TCSC recommendations as in Annexure-1.	2024-04-10	Railway Board	RDSO intranet - being processed
Elimination of Level Crossings by Construction of Normal Height RUB/Subway	Railway Board Letter No. 2006/CE-I/Misc-2 (RUBs)	Railway Board policy letter on eliminating level crossings by constructing normal height road under bridges or subways.	2008-04-10	Railway Board	Staged (SECR HQ library)
Policy for Premature Condemnation of Wagons	Railway Board Letter No. 2007/M(N)/60/7	Railway Board policy on premature condemnation of wagons and the competence for approving it.	2010-10-21	Railway Board	Staged (SECR HQ library)
Linking Arrival / Departure of Trains from Data Logger with COA	Railway Board Letter No. 2010/Sig/SGF/12 (Data Logger) dated 14.11.2011	Railway Board letter on linking train arrival and departure from data logger with the COA Integrated Coaching Management System.	2011-11-14	Railway Board	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Immediate Action Plan for Preventing Signal Failures due to Lightning	Railway Board Letter No. 2011/Sig/SF/1	Railway Board letter to Chief Signal and Telecom Engineers giving an immediate action plan to prevent signal failures due to lightning.		Railway Board	Live
Action Plan for Lightning Failures	Railway Board Letter No. 2011/Sig/SF/1 dated 19.08.2011	Railway Board letter to Chief Signal and Telecom Engineers giving an action plan for lightning related failures.	2011-08-19	Railway Board	Live
Technical System Application Approval (TSAA) of Electronic Interlocking	Railway Board Letter No. 2012/Sig/ATSS/Pt. dated 14.02.2024	Railway Board letter on Technical System Application Approval of electronic interlocking.	2024-02-14	Railway Board	Live
Standardization of Typical Circuits for Electronic Interlocking Ver. 3.0	Railway Board Letter No. 2018/Sig/36-SD-1 dated 02.08.2024	Railway Board letter on standardised typical circuits for electronic interlocking, version 3.0, including automatic signalling.	2024-08-02	Railway Board	Live
Standardization of Typical Circuits for Electronic Interlocking Ver. 2.0	Railway Board Letter No. 2018/Sig/36-SD-1 dated 26.08.2022	Railway Board letter on standardised typical circuits for electronic interlocking, version 2.0.	2022-08-26	Railway Board	Live
Standardization of Signaling Drawings	Railway Board Letter No. 2018/Sig/36-SD/1 dated 26.11.2019	Railway Board letter asking zonal railways to implement standardised signalling drawings and typical circuits for electronic interlocking.	2019-11-26	Railway Board	Live
Display of Correct Information on PIS	Railway Board Letter No. 2020/Tele/5(2)/2	Railway Board letter to zonal railways on correct display of train information on passenger information systems and integration with NTES.	2025-10-13	Railway Board	Live
KYC of End-Users of CUG Connections of Indian Railways	Railway Board Letter No. 2021/Tele/11(2)/1	Railway Board letter on know-your-customer verification of end-users of closed user group connections, referring to a Department of Telecommunications letter.	2024-09-12	Railway Board	Live
Implementation of Standard Signalling Typical Circuits & Drawings	Railway Board Letter No. 2022/Sig/36/Sig Drwg dated 29.03.2022	Railway Board letter on implementing standard signalling typical circuits and drawings.	2022-03-29	Railway Board	Live
Generation of Route Control Charts using SigDATE for Electronic Interlockings	Railway Board Letter No. 2024/Sig/18/1/SigDATE dated 08.04.2025	Railway Board letter on generating Route Control Charts using the Signalling Design Automation Tool SigDATE for electronic interlockings up to 100 routes.	2025-04-08	Railway Board	Live
Circulation of NHAI Policy Circular No. 7.3.6/2026 on Examination and Approval of GADs for Railway Structures Crossing National Highways	Railway Board Letter No. 2026/CE-IV/ROB/78	Railway Board letter circulating an NHAI policy circular on examination and approval of GADs for railway structures crossing national highways.	2026	Railway Board	Staged (SECR HQ library)
Revision of Pay Scales: Amendment in IREM Vol I	Railway Board Letter RBE No. 191/2005 dated 14.11.2005	Railway Board letter on amendment of IREM Vol I following implementation of revised pay scales on	2005-11-14	Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		the recommendations of the V CPC.			
Procedure for Certification of Maximum Permissible Speed for Rolling Stock and Introduction of Train at Different Speed	Railway Board Policy Circular No. 6 (2026)	Railway Board policy circular No. 6 on certification of maximum permissible speed for rolling stock and introduction of trains at different speed.	2026	Railway Board	Staged (SECR HQ library)
Policy Circular No. 6	Railway Board Procedure for Sanction of Speed (Letter of 31.10.2018)	Railway Board policy circular No. 6 on procedure for sanction of speed, with references to earlier Board letters.	2018-10-31	Railway Board	Staged (SECR HQ library)
Policy Circular No. 6 of 2023	Railway Board Circular 01.05.2023	Railway Board policy circular No. 6 of 2023 to the Chief Commissioner of Railway Safety and General Managers, referring to a Gazette notification.	2023-05-01	Railway Board	Staged (SECR HQ library)
Procedure for Certification of Maximum Permissible Speed for Rolling Stock and Introduction of Train at Different Speed	Railway Board Policy Circular No. 6 of 2023	Policy Circular No. 6, 2023 from Railway Board's letter, referring to Gazette notifications and earlier Board letters.	2023-05-01	Railway Board	Staged (SECR HQ library)
Revision of Para 6 and Appendices 1 and 2	Railway Board Revised Policy Circular No. 6 (23.11.2006)	Railway Board revision of Para 6 and Appendices 1 and 2 of Policy Circular No. 6 (Engineering Standing Order No. 13).	2006-11-23	Railway Board	Staged (SECR HQ library)
Revision of Rates for Hiring of Services	Railway Board Telecom Circular No. 02/2026	Railway Board telecom circular to General Managers on revision of rates for hiring of services.		Railway Board	Live
Hiring of Services for Disaster Management Communication	Railway Board Telecom Circular No. 10/2023	Railway Board telecom circular to General Managers on hiring of services for communication at disaster and accident sites.	2023-07-12	Railway Board	Live
Arrangements for Disaster Management Communications, Hiring of Drone Services	Railway Board Telecom Circular No. 6/2024	Railway Board telecom circular to General Managers and KRCL on hiring of drone services for disaster management communications.		Railway Board	Live
Recommendations of High Level Committee on Disaster Management Nos. 98 and 99 - VSAT	Railway Board Letter 2004/Tele/TN/2	Railway Board letter to General Managers on High Level Committee on Disaster Management recommendations 98 and 99.	2006-09-18	Railway Board	Live
Centralized Payment for Royalty Charges for DPWCS, Kavach/TCAS and VHF	Railway Board Telecom Circular No. 03/2024 (2020/Tele/14(1)/1)	Railway Board telecom circular on central payment of royalty charges for DPWCS, Kavach/TCAS and VHF to DoT/WPC from 01.04.2024, with nodal railways named.	2024-04-19	Railway Board	RDSO intranet - being processed

Zonal railway letters & circulars (39)

Title	Doc no.	Subject	Issued	Issuer	Status
Guidelines for Provision of CCTV in Goods Sheds and Private Terminals	East Coast Railway Commercial Circular No. 34(G)/2025	Commercial circular giving guidelines for provision of CCTV in goods sheds and private terminals, referring	2025-01-21	East Coast Railway	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		to Railway Board letters.			
Implementation of RDSO Guidelines on Thick Web Switch (TWS) Points - Progress Statement	Zonal Railway Circular	Progress statement on implementation of RDSO guidelines (Railway Board letter 2008/SiS/SGF/Thick Web) on TWS points.		Zonal Railway	Staged (SECR HQ library)
Implementation of RDSO Guidelines on Thick Web Switches (TWS) - South East Central Railway Reminder-II	SECR Circular	South East Central Railway divisional S&T office reminder on implementing RDSO guidelines on thick web switches.		South East Central Railway	Staged (SECR HQ library)
Circular - Provision of Signal Overlap in Single Line Automatic Signalling Section	SECR Circular	SECR circular re-iterating G&SR para 9.03(1) and Railway Board instructions on signal overlap in single line automatic signalling.		South East Central Railway	Staged (SECR HQ library)
Draft Policy for S&T Works at Private Sidings	SECR Circular 2012	SECR draft policy for S&T works at private sidings, proposed in response to a Railway Board letter.	2012	South East Central Railway	Staged (SECR HQ library)
Joint Procedure Order dated 22.06.2015 - Prompt Action by Operating Staff to Use Emergency Provisions on the Panel	SECR Circular 22.06.2015	Joint procedure order of CSTE and COM, SECR, on operating staff using the emergency provisions available on the panel so that train traffic is not disrupted by minor failures.	2015-06-22	South East Central Railway	Live
Revision of Pay Scales: Amendment in IREM Vol I, Clarification	SECR Letter dated 16.01.2006	South East Central Railway GM (P) letter seeking clarification on ACS No. 176 to IREM Vol I on revised pay scales.	2006-01-16	South East Central Railway	Staged (SECR HQ library)
Amendment to Para 122 of IREM: Filling Up of Posts of Station Masters	SECR Letter dated 28.02.2018	South East Central Railway Personnel Department letter on amendment to IREM para 122 about filling up posts of Station Masters, citing Railway Board RBE No. 22/2018.	2018-02-28	South East Central Railway	Staged (SECR HQ library)
Appointment on Compassionate Ground	SECR Master Circular No. 16 (2024)	South East Central Railway Personnel Department master circular on appointment on compassionate ground.	2024	South East Central Railway	Staged (SECR HQ library)
Transfer of Non-Gazetted Railway Employees	SECR Master Circular No. 24 (04.09.2023)	South East Central Railway circular dated 04.09.2023 on transfer of non-gazetted railway employees, Master Circular 24.	2023-09-04	South East Central Railway	Staged (SECR HQ library)
GDCE Examination	SECR Master Circular No. 69 (2024)	South East Central Railway Personnel Department consolidated instructions on GDCE examination, Master Circular 69.	2024	South East Central Railway	Staged (SECR HQ library)
Policy Circular 01/2014	SECR Circular	SECR policy circular 01/2014; scanned, text not available.		South East Central Railway	Staged (SECR HQ library)
Provision of Signal Overlap in Single Line Automatic Signalling Section	SECR Policy Circular 01/2017	SECR S&T circular re-iterating G&SR para 9.03 and a Railway Board letter on signal overlap in single line automatic signalling.		South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
S&T Policy - One Signal One Train by Track Circuit for Double Line (Yard Remodeling of Venkatnagar Station)	SECR Circular 2015	SECR S&T note reviewing railway remarks on the CRS sanction for yard remodeling of Venkatnagar station, Bilaspur Division.	2015	South East Central Railway	Staged (SECR HQ library)
Review of Station Working Rules	SECR S&T Policy Letter No. 2024	SECR S&T letter on reviewing and re-issuing station working rules every five years.	2012-11-23	South East Central Railway	Staged (SECR HQ library)
Policy for Rail Connectivity to Coal and Iron Ore Mines	SECR S&T R2CI Policy Letter No. 2883	SECR circular forwarding the Railway Board policy for rail connectivity to coal and iron ore mines.	2011-03-08	South East Central Railway	Staged (SECR HQ library)
Conceptual Plan of JSG-BSP IV Line, BSP-APR and APR-JLW III Line	SECR S&T Policy Letter No. 704 (03.07.2015)	SECR S&T observations on the conceptual plan for fourth line JSG-BSP and third line BSP-APR and APR-JLW, including signal switching over.	2015-07-03	South East Central Railway	Staged (SECR HQ library)
Infringements to SOD 2004	SECR S&T Policy Letter No. 710 (02.07.2010)	SECR S&T letter on infringements to the Schedule of Dimensions 2004, referring to para 11 of chapter II.	2010-07-02	South East Central Railway	Staged (SECR HQ library)
Signal Sighting Committee Policy Circular 06/2022	SECR Circular	SECR policy circular on the signal sighting committee, issued from the office of the Principal Chief Electrical Engineer.		South East Central Railway	Staged (SECR HQ library)
Circulation of NHAI Policy Circular No. 7.3.6/2026 on Approval of GADs for Railway Structures	SECR/HQ/Engg/RSW/ROB-RUB/09 (17.09.2026)	SECR Chief Engineer office circulating an NHAI policy circular on examination and approval of GADs for railway structures.	2026-09-17	South East Central Railway	Staged (SECR HQ library)
SECR/S&T/Policy - Temporary Shifting of S&T Gears in Construction/Project Works (Policy 1211)	SECR Circular 11.09.2017	SECR circular advising that signalling gear locations in construction works be changed over only just before non-interlocked working and after proper consultation, citing a level crossing gate case.	2017-09-11	South East Central Railway	Staged (SECR HQ library)
Locking of Advanced Starter Signal and Starter Signal	SECR/S&T/Policy/1088	SECR circular clarifying that a starter released by advanced starter is required at diverging ends of junctions, twin single line stations and where there is no track circuit between them.	2016-08-09	South East Central Railway	Staged (SECR HQ library)
Standardisation of Fuse Rating for Signal Circuits	SECR/S&T/Policy/1142	SECR circular setting standard ND fuse ratings for lighting, block, internal, external, track relay and point operation circuits.	2010-07-27	South East Central Railway	Staged (SECR HQ library)
Locking of Advanced Starter Signal and Starter Signal	SECR/S&T/Policy/1321	SECR circular forwarding Railway Board letter 2008/Sig/G/4 on when a starter must be released by the advanced starter.	2015-09-29	South East Central Railway	Staged (SECR HQ library)
Proper Functioning of Emergency Systems Provided on Operation cum Indication Panel	SECR/S&T/Policy/1347	SECR circular requiring weekly Monday checks of emergency route release, point operation, crank handle, gate release and calling-on signals at all stations.	2011-09-06	South East Central Railway	Staged (SECR HQ library)
Policy Guidelines for Use of Track	SECR/S&T/Policy/1517	SECR circular seeking opinion on whether 40AH or	2017-10-20	South East Central	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
Chargers with 40AH/80AH Secondary Cell		80AH track batteries should be used, referring to IRS specification S 89/2013 for track feed battery charger.		Railway	HQ library)
Crank Handle Interlocking Arrangement Conforming to Para 21.8.7 of IRSEM Part II (2001)	SECR/S&T/Policy/1544	SECR circular approving typical wiring diagrams for crank handle interlocking at the SM's room and at the point location with 120 second time delay.	2006-10-06	South East Central Railway	Staged (SECR HQ library)
Non-Interlocked Working	SECR/S&T/Policy/1666	SECR circular on ensuring pre-NI preparation, with SAG officer visits to stations as advised by Railway Board.	2007	South East Central Railway	Staged (SECR HQ library)
Custody of Key of Relay Room Lock	SECR/S&T/Policy/1829	SECR circular forwarding Railway Board letter on custody of the key of the relay room lock, for immediate implementation.	2005-12-13	South East Central Railway	Staged (SECR HQ library)
Policy for Laying Quad Cable Along with OFC	SECR/S&T/Policy/2051	SECR circular forwarding Railway Board policy on laying quad cable along with optical fibre cable.	2006-12-14	South East Central Railway	Staged (SECR HQ library)
Aspect Indication of Signals in Indication Panel	SECR/S&T/Policy/2677	SECR circular conveying approval to show individual signal aspect indications in the indication panel instead of combined OFF aspect indication.	2007-03-20	South East Central Railway	Staged (SECR HQ library)
Four Hour Non-Interlocking for Cable Meggering	SECR/S&T/Policy/2699	SECR joint S&T and Operating circular providing four hours of non-interlocking at stations for yearly insulation testing of signalling cables.	2010-02-11	South East Central Railway	Staged (SECR HQ library)
Sound Maintenance Practices: AMC/ARC with OEM	SECR/S&T/Policy/2746	SECR guidelines for annual maintenance contracts with OEMs for electronic interlockings and data loggers.	2015-03-02	South East Central Railway	Staged (SECR HQ library)
Written Report of Long Duration Failures	SECR/S&T/Policy/2753	SECR guidelines on written reports of failures lasting over one and half hours, directed maintenance of failure-prone stations and inspection report submission.	2007-03-29	South East Central Railway	Staged (SECR HQ library)
Use of VRLA Battery for S&T Applications as per IRS:S93/96(A)	SECR/S&T/Policy/279 (17.02.2006)	SECR circular forwarding RDSO letter on use of VRLA batteries for S&T applications as per IRS:S93/96(A).	2006-02-17	South East Central Railway	Staged (SECR HQ library)
Sound Construction Practice: Power Supply Arrangement for SSDACs	SECR/S&T/Policy/2805	SECR circular requiring separate DC-DC converters for main and standby or up and down axle counters as per typical 43/15, after a failure at RIG-KDTR.	2015-03-11	South East Central Railway	Staged (SECR HQ library)
Provision of Single Track Circuit of 180 m Beyond Home Signal	SECR/S&T/Policy/2824	SECR circular deciding that on single line sections one track circuit of 180 m be used for block overlap instead of two.	2014-01-28	South East Central Railway	Staged (SECR HQ library)
New R3i Policy for Rail Connectivity to Coal and Iron Ore Mines	SECR/S&T/Policy/2866	SECR circular forwarding Railway Board letters on the new R3i policy for private participation in rail	2011-03-08	South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		connectivity projects and seeking comments on guidelines.			
6 Quad ELD	South East Central Railway Policy Circular No. 7/2025	Policy circular of the Office of the PCSTE, South East Central Railway, concerning 6 quad ELD.	2025	South East Central Railway	Live

RDSO letters & TANs (58)

Title	Doc no.	Subject	Issued	Issuer	Status
Addendum-1 to Uniform IP Addressing Scheme for Implementation of IP-MPLS Technology on Indian Railway	RDSO Letter	Addendum giving IP blocks for router loopback and MPLS backbone for zonal railways such as South Coast Railway.		RDSO	RDSO intranet - being processed
Implementation of IP-MPLS Technology for Unified Communication Backbone on Indian Railways	RDSO Amendment No. 1 to TAN Version 3.0	RDSO Telecom Directorate letter to zonal railways on Amendment No. 1 to the Technical Advisory Note for IP-MPLS technology for the unified communication backbone.		RDSO	Live
25 W VHF Radio Installation Guidelines (TAN)	RDSO-TELE0LKO(SPEC)/9/2019 Version 2.0	RDSO technical advisory note on 25 W VHF radio installation guidelines.	2019	RDSO	Live
Approval of 128 Digital Input RTU Manufactured by Efftronics Systems for Data Logger	RDSO Letter 21.07.2019	RDSO approval of the 128 bit digital input RTU of Efftronics for use with data loggers.	2019-07-21	RDSO	RDSO intranet - being processed
Approval of 128 Digital Input RTU Manufactured by Sirveen Control System for Data Logger	RDSO Letter 04.04.2019	RDSO approval of the 128 digital input RTU of Sirveen Control System, Hyderabad.	2019-04-04	RDSO	RDSO intranet - being processed
Clarification to Sr DSTE CKP regarding PoC and Field Trial of 5W VHF Set	RDSO Letter 17.07.2024	RDSO clarification on proof of concept and field trial of 5 watt VHF sets, in response to a letter of 17-07-2024.	2024-07-17	RDSO	RDSO intranet - being processed
Trial on Migration of Data Logger Network to IP Based Network	RDSO Covering Letter to Railway Board for Report SS/153	RDSO covering letter to the Railway Board on the trial of migrating the data logger network from conventional to IP based.		RDSO	Live
Approval of Upgraded Version of Data Logger, RTU and FEP of Efftronics Systems as per IRS:S:99/2006 Amdt 3	RDSO Letter 19.12.2024	RDSO approval of the upgraded version of data logger system, RTU and FEP made by Efftronics Systems.	2024-12-19	RDSO	RDSO intranet - being processed
Data Logger Software Approval (STS/E/Data logger)	RDSO Letter 27.02.2012	RDSO letter to data logger firms on approval of data logger software.	2012-02-27	RDSO	Live
Deployment of Upgraded Version of Failure Reporting and Vendor Performance Monitoring System	RDSO Letter 17.05.2024	RDSO letter to PCSTEs about deployment of the upgraded failure reporting and vendor performance monitoring system.	2024-05-17	RDSO	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Details of Authorized Signatory for Signing Pre-Commissioning Checklist	RDSO Letter	RDSO letter to PCSTEs on authorized signatories for pre-commissioning checklists, following Railway Board approval of agenda 321 of the 42nd TCSC.		RDSO	RDSO intranet - being processed
Documents and Design Inputs with Responsibility for Tender Documents for Train Collision Avoidance System (IRATP)	RDSO Letter 20.11.2020	RDSO letter to Railway Board listing documents and design inputs, with responsibility, to be specified in tenders for train collision avoidance system.	2020-11-20	RDSO	Live
Temporary Delisting of M/s Crompton Greaves Ltd., Pithampur, for Data Logger System as per IRS:S-99/2006	RDSO Letter 06.09.2016 Amdt.3	RDSO letter on temporary delisting of a firm for the data logger system per IRS:S-99/2006.	2016-09-06	RDSO	RDSO intranet - being processed
Letter and Technical Advisory Note STT/TAN/GSM-R/2014 Ver 1	RDSO Letter 26.12.2014	RDSO Telecom letter to Chief Signal and Telecom Engineers of zonal railways forwarding a technical advisory note on GSM-R.	2014-12-26	RDSO	RDSO intranet - being processed
Procurement Guidelines	RDSO Letter No. 29994/RDSO	RDSO Signal Directorate letter giving procurement guidelines; the text is only partly legible.		RDSO	Live
Guidelines to ELD Vendors	RDSO Letter No. RDSO-QAST0LKO(VEND)/19/2024/12	RDSO Quality Assurance (S&T) guidelines to ELD OEMs regarding the revised ELD specification.		RDSO	Live
Revised Panel of Independent Safety Assessors (ISAs) for Signalling Projects and Products	RDSO Letter No. RDSO-SIG0MISC(ISA)/1/2020	RDSO letter giving the revised panel of Independent Safety Assessors for signalling projects and products in three categories.	2023-01-23	RDSO	Live
Letter No. RDSO-TELE0LKO(SPEC)/5/2019-Part(2)	RDSO Letter	RDSO Telecom Directorate letter addressed to Director (Proj. & Dev.), Railway Board, New Delhi.		RDSO	Live
Letter No. STS/E/AC/Digital/Genl - OEM Certificate of Installation	RDSO Letter	RDSO letter to zonal railways on OEM certificate of installation, issued by the Signal Directorate.		RDSO	Live
Letter No. STS/E/AC/Digital/Genl - OEM Certification for Installation Before Commissioning of Electronic Signalling Systems	RDSO Letter 06.2011	RDSO letter requiring electronic signalling systems such as EI, axle counters, AFTC, IPS and data logger to be installed by RDSO approved vendors with a certificate.	2011-06	RDSO	Live
Letter No. STS/E/AFD&SS Vol. V	RDSO AFDAS TAN Version 1.1	RDSO Signal Directorate letter to zonal railway chief signal and telecom engineers circulating the AFDAS technical advisory note Version 1.1.		RDSO	Live
Letter No. STS/E/Data logger - Modified FEP Software	RDSO Letter 13.02.2012	RDSO letter to data logger firms (Efftronics, HBL Power Systems and others) on modified FEP software.	2012-02-13	RDSO	Live
Letter No. STS/E/Data logger/VOL-XXIII - Safety Alarm Generation by Data Logger (Reasoned Document with Logics)	RDSO Letter 15.01.2020	RDSO letter circulating the reasoned document with revised logics for safety alarms and SMS alerts from data logger for unusual events, for implementation by zonal railways.	2020-01-15	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Letter No. STS/E/Data logger/Vol. XX - Guidelines for Data Logger System	RDSO Letter 12.09.2011	RDSO guidelines on data logger systems covering relays and analog inputs to be wired, exception reports, alarms, networking and centralized monitoring.	2011-09-12	RDSO	Live
Letter No. STS/E/Data logger/Vol. XX - Minutes of Meeting with Data Logger Manufacturers	RDSO Letter 23.03.2012	RDSO letter forwarding minutes of the meeting held with data logger vendors on 21.02.2012 at RDSO Lucknow.	2012-03-23	RDSO	Live
Reliability Improvement of Electric Lifting Barrier	RDSO Letter No. STS/E/ELB dated 04.10.2010	RDSO letter to zonal railways on improving the reliability of electric lifting barriers.	2010-10-04	RDSO	Live
Letter No. STS/E/ELD/Vol.III - Use of Earth Leakage Detector (RDSO/SPN/256) for Testing Cable Insulation at the Cable Termination Rack	RDSO Letter 11.10.2011	RDSO letter on using the earth leakage detector insulation tester for testing cable insulation at the cable termination rack.	2011-10-11	RDSO	Live
Letter No. STS/E/Fuses/Vol-IX - Guidelines for Use of PPTC Fuses	RDSO Letter 28.03.2014	RDSO letter to zonal railways and metros on guidelines for the use of PPTC fuses in signalling.	2014-03-28	RDSO	Live
Letter No. STS/E/IPS Genl. - Training of Railway Supervisors by OEM (25.07.11)	RDSO Letter 25.07.2011	RDSO letter to Chief Signal and Telecom Engineers on training of railway supervisors by OEM.	2011-07-25	RDSO	Live
Letter No. STS/L/SSI/CA/IRSI - Invensys Data Download Without Moviola	RDSO Letter 20.10.2011	RDSO letter dated 20.10.2011 to the zonal railways about data download from Invensys electronic interlocking without Moviola.	2011-10-20	RDSO	Live
Letter RDSO-SIG-EI(NIPP)/1/2020 to PCSTE (08.01.2024)	RDSO Letter 08.01.2024	RDSO Signal Directorate letter to PCSTEs on an electronic interlocking matter (NIPP).	2024-01-08	RDSO	Live
Release of SigDATE Version 5 to Zonal Railways	RDSO Letter RDSO-SIG0EI(SigD)/1/2024	RDSO letter to zonal railways on the release of SigDATE version 5.		RDSO	Live
TSAA Checklist Version 2	RDSO Letter RDSO-SIGOEI(TAN)/1/2022	RDSO Signal Directorate letter circulating Version 2 of the TSAA checklist.		RDSO	Live
Letter STS/E/AC/ABS - SSDAC in Parallel to UAC, MTJ-PWL Section, North Central Railway	RDSO Letter 30.04.2010	RDSO letter on provision of single section digital axle counter in parallel to universal axle counter in the MTJ-PWL section.	2010-04-30	RDSO	Live
Letter STS/E/IPS/Genl - Scope of Supply and Commissioning of Integrated Power Supply (IPS), 03.04.2008	RDSO Letter 03.04.2008	RDSO letter to the chief signal and telecom engineers on the scope of supply and commissioning of integrated power supply.	2008-04-03	RDSO	Live
Letter STS/L/SSI/CA/US&S Vol XXXVII - Improvement of Configuration for Electronic Interlocking (Cost of Hot Standby and PPM)	RDSO Letter 24.08.2012	RDSO letter to Secretary (Signal), Railway Board, on improving the configuration for electronic interlocking, with hot standby and PPM cost.	2012-08-24	RDSO	Live
Detailing of Uniform IP Addressing	RDSO Letter STT/New Trans	RDSO letter to PCSTEs on a uniform IP addressing		RDSO	RDSO intranet -

Title	Doc no.	Subject	Issued	Issuer	Status
Scheme for IP-MPLS Technology on Indian Railway	Tech/674	scheme for implementation of IP-MPLS for the unified communication backbone.			being processed
Special Measures for Increasing Coverage in Hilly Terrain for VHF Based Approaching Train Warning System for Track Maintainers (RDSO/SPN/TC/105-2015)	RDSO Letter STT/Tele/ATWS/795 Vol.II (31.08.2018)	RDSO letter on special measures to increase coverage in hilly terrain for the VHF based approaching train warning system for track maintainers.	2018-08-31	RDSO	Live
Letter to PCSTEs - Compendiums of Guidelines for Quality and Reliability of Signalling Installations	RDSO Letter	RDSO letter forwarding compendiums SS/166 to SS/170/2024 on electronic interlocking, digital axle counters, UFSBI, IPS and relays after the July 2024 workshops.		RDSO	Live
Letter to Zonal Railways - Maintenance Practices and Improvements for Implementation of IP-MPLS Technology for Unified Communication Backbone	RDSO Letter	RDSO Telecom letter to PCSTEs, IRISET and RailTel on maintenance practices and improvements for IP-MPLS technology on Indian Railways.		RDSO	RDSO intranet - being processed
Minutes of Meeting with M/s Crompton Greaves Ltd. held on 09.06.2016	RDSO Letter 08.07.2016	RDSO minutes of the meeting held with Crompton Greaves Ltd. at RDSO Lucknow on 09.06.2016.	2016-07-08	RDSO	RDSO intranet - being processed
Procedure Order for Cross Approval w.e.f. 18.12.2020	RDSO Letter 18.12.2020	RDSO procedure order for cross approval of products, effective 18.12.2020.	2020-12-18	RDSO	RDSO intranet - being processed
Signal Directorate Letter on Parts List (Pragati), 26.12.2019	RDSO Letter 26.12.2019	RDSO Signal Directorate letter dated 26.12.2019 concerning a part list; text is only partly legible.	2019-12-26	RDSO	Live
Cyber Security Aspects of Electronic Interlocking and Data Logger	RDSO TAN EI/TAN/Security Ver 1.0 (01.03.2023)	RDSO technical advisory note to PCSTEs on cyber security aspects of electronic interlocking and data logger.	2023-03-01	RDSO	Live
Technical Advisory Note - QR Code Based Payment Enabled Fare Repeater Display System for Indian Railways	RDSO Letter 09.09.2025	RDSO technical advisory note on a QR code based payment enabled fare repeater display system.	2025-09-09	RDSO	Live
Use of IDC Connector and Precautions in Thermoshrink Jointing of Underground Quad Cable	RDSO Technical Advisory Note STT/TAN/3001	Technical advisory note by the Telecom directorate on use of IDC connectors and precautions in thermoshrink jointing of underground quad cable.		RDSO	RDSO intranet - being processed
Safety Survey Requirement of X-ray Baggage Scanning System	RDSO Technical Advisory Note STT/TAN/X-Ray Baggage Scanner/2015	Technical advisory note on safety survey requirements to keep radiation risk from X-ray baggage scanning systems negligibly low.	2015-09-07	RDSO	RDSO intranet - being processed
Use of Trusted Products from Trusted Sources for Backbone Telecom Network	RDSO-QAST0LKO(VEND)/3/2019	RDSO letter implementing the Railway Board letter on trusted products from trusted sources for the	2023-10-13	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
		backbone telecom network.			processed
Inspection of Telecom Items of RDSO	RDSO-TELE0LKO(GEN)/27/2020	RDSO letter to QA offices on inspection of telecom items.	2023-01-02	RDSO	RDSO intranet - being processed
Type Test and Acceptance Test of Telecom Items Not Open for Vendor Approval	RDSO-TELE0LKO(GEN)/27/2020	RDSO letter on type test of telecom items with approved specification, ATF and TTF but not open for vendor approval.	2025-03-24	RDSO	RDSO intranet - being processed
Type Test of Telecom Items	RDSO-TELE0LKO(GEN)/27/2020	RDSO letter to QA offices on type testing of telecom items.	2025-11-04	RDSO	RDSO intranet - being processed
Applicability of Trusted Telecom Portal for Inspection of Non-RDSO Approved Telecom Items	RDSO-TELE0LKO(TECH)/8/2020	RDSO letter on applicability of the Trusted Telecom Portal for inspection of non-RDSO approved telecom items.	2024-02-09	RDSO	RDSO intranet - being processed
Technical Advisory Note on Comprehensive Security Guidelines for CCTV Network	RDSO STT/TAN/CCTV/2024 Ver 1.0	Technical advisory note giving guidelines for regular security audit of CCTV networks by zonal railways.	2024-04-24	RDSO	Live
Compliance Statement for New Electronic Interlocking at Pendra Road Station	RDSO TAN 3007	RDSO technical advisory note 3007 with a compliance table of system requirements for a new electronic interlocking at Pendra Road station.		RDSO	Staged (SECR HQ library)
System Improvement regarding Installation for Stationary TCAS - STS/E/TCAS/Vol-XIX	RDSO TAN 5001	RDSO technical advisory note on system improvement regarding installation of stationary TCAS.	2019-02-20	RDSO	Staged (SECR HQ library)
Automatic and Intermediate Block Signalling Scheme using MSDAC - STS/E/AC/DIGITAL/GenI	RDSO TAN 6002	RDSO technical advisory note on automatic and intermediate block signalling scheme using multi section digital axle counter.	2011-12-15	RDSO	Staged (SECR HQ library)
Digital Axle Counter - STS/E/TAN/Dir. Sig. VII	RDSO TAN 7006	RDSO technical advisory note on digital axle counter addressed to CSTEs of zonal railways.	2015-02-13	RDSO	Staged (SECR HQ library)
VoIP Based Level Crossing Gate Communication System	RDSO Technical Advisory Note STT/TAN/LC Gate/2026 Ver 1.0	Technical advisory note for VoIP based level crossing gate communication system, effective 29.07.2026.	2026-07-29	RDSO	RDSO intranet - being processed

Other letters & circulars (7)

Title	Doc no.	Subject	Issued	Issuer	Status
Circulation of NHAI Policy Circular - Recommendation Sheet	SECR Circular	Final page of a document circulating an NHAI policy circular, with recommendation check boxes; little text available.		South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Decision to Grant a Licence to South Central Railway	Department of Telecommunications DoT Wireless Planning and Co-ordination Wing Letter No. L-14022/738/2020-WF(1006)	Department of Telecommunications letter granting a licence for use of frequency to South Central Railway, Secunderabad Division.	2022-05-10	Department of Telecommunications	Live
Authorised Signatory for Signing Pre-Commissioning Checklist (IP Based IPIS)	Firm Letter dated 24-Mar-2025	Letter from a firm to Director/Telecom-I RDSO giving its authorised signatory details for the pre-commissioning checklist of the IP based integrated passenger information system.	2025-03-24		RDSO intranet - being processed
Policy on Private Sidings (Master Circular)	Railway Board Freight Marketing Circular No. 11 of 2016	Railway Board policy circular on private sidings, superseding earlier freight marketing letters.	2016	Railway Board	Staged (SECR HQ library)
Important Policy Measures for Freight Customers (Updated up to 29th February 2024)	Railway Board Circular 29.02.2024	Compilation of freight policy measures and incentives of the Ministry of Railways to promote goods traffic.	2024-02-29	Railway Board	Staged (SECR HQ library)
Master Circular on Operating Diversion of Coal Realization/Refunds and Associated Freight	Railway Board Master Circular 22.02.2022	Railway Board master circular on handling freight realization and refunds for diverted coal, superseding a 2014 claim circular.	2022-02-22	Railway Board	Staged (SECR HQ library)
Empanelment of ISA for Metro Signalling Projects, Main Line Signalling Projects and Generic Signalling Products	RDSO Circular	RDSO empanelment of independent safety assessors for metro, main line and generic signalling products, with terms and conditions.		RDSO	RDSO intranet - being processed - newer version

Committee minutes (62)

SSC (29)

Title	Doc no.	Subject	Issued	Issuer	Status
Minutes (Part-I) of 81st Signal Standards Committee Meeting (2010)	RDSO Minutes 05.2010	Minutes of the 81st Signal Standards Committee meeting held at Secunderabad, covering items 1121 to 1143 on SEM paras, LED signal, IPS, axle counter, EI and other specifications.	2010-05	RDSO	Live
Minutes of 4th Extended 85th Signal Standards Committee Meeting (29 June 2018, Northern Railway, Baroda House)	RDSO Minutes 29.06.2018	Minutes of the 4th extended 85th SSC meeting, with item 1208 on modifying and retaining the specification for LED subsidiary signals, with Railway Board remarks.	2018-06-29	RDSO	Live
Minutes of 82nd Signal Standards Committee Meeting	RDSO Minutes 12.2012	Minutes of the 82nd Signal Standards Committee meeting at Jodhpur, items 1144 to 1160 on EI, axle	2012-12	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		counter, data logger, LED signal, cable and point machine specifications.			
Minutes of 83rd Signal Standards Committee Meeting (2014)	RDSO Minutes 2014	Minutes of the 83rd Signal Standards Committee meeting, items 1161 to 1176 on axle counters, cable meggering, EI alteration, crank handle interlocking and maintenance periodicity.	2014	RDSO	Live
Minutes of 84th Signal Standards Committee Meeting (2016)	RDSO Minutes 2016	Minutes of the 84th Signal Standards Committee meeting, items 1177 to 1188 on jelly filled cable, LED signal, EI specification, fire suppression, earthing and lifting barriers.	2016	RDSO	Live
Minutes of 85th Signal Standards Committee Meeting (2017)	RDSO Minutes 2017	Minutes of the 85th Signal Standards Committee meeting, items 1189 to 1201 on AMC, FAT/SAT of EI, fire suppression, codal life, SEM and G&SR modifications and distributed EI.	2017	RDSO	Live
Minutes of 86th Signal Standards Committee Meeting (20.01.2022)	RDSO Minutes 20.01.2022	Minutes of the 86th Signal Standards Committee meeting on finalisation of the Kavach specification and review of codal life of signalling items.	2022-01-20	RDSO	Live
Minutes of 87th Signal Standards Committee Meeting (6 January 2023)	RDSO Minutes 06.01.2023	Minutes of the 87th SSC meeting covering gate interlocking sanction, CRS dispensation, IG marker at IB signal, LC gate operation and review of IRSEM Chapter 8.	2023-01-06	RDSO	Live
Minutes of 88th Signal Standards Committee Meeting (27.09.2023)	RDSO Minutes 27.09.2023	Minutes of the 88th Signal Standards Committee meeting on item 1217, duties (signalling) of JS/SS/JAG S&T officers.	2023-09-27	RDSO	Live
Minutes of 89th Signal Standards Committee Meeting (07.03.2024)	RDSO Minutes 07.03.2024	Minutes of the 89th Signal Standards Committee meeting on item 1218, delegation of first level checking of HQ level drawings under IRSEM para 8.1.6(c).	2024-03-07	RDSO	Live
Minutes of 91st Signal Standards Committee Meeting (14 Aug 2024)	RDSO Item 1231	Signed minutes of the 91st SSC meeting on through movement over a loop line provided with a derailing switch, sent to the Railway Board for approval.	2024-08-22	RDSO	Live
Minutes of Meeting of 1st Extended 85th Signal Standards Committee (SSC)	RDSO Minutes	Minutes of the first extended meeting of the 85th Signal Standards Committee issued by the RDSO Signal Directorate.		RDSO	Live
Minutes of Meeting of 1st Extended 91st Signal Standards Committee (SSC) with Covering Letter	RDSO Letter 09.2025	Signed minutes of the first extended 91st Signal Standards Committee meeting, with covering letter.	2025-09	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Minutes of Meeting of 90th Signal Standards Committee (SSC) with Covering Letter	RDSO Letter 01.07.2024	Minutes of the 90th Signal Standards Committee meeting with covering letter from RDSO.	2024-07-01	RDSO	Live
Minutes of Meeting of 92nd Signal Standards Committee (SSC) with Covering Letter	RDSO Letter 10.2025	Signed final minutes of the 92nd Signal Standards Committee meeting, with covering letter.	2025-10	RDSO	Live
Minutes of Special SSC Meeting on Draft Provisions on Maintenance Schedule, Recommended Drawings and Interlocking Standard for 160-250 kmph	RDSO Drawing 25.06.2021	Minutes of the special Signal Standards Committee meeting held on 16.06.2021 on maintenance schedule, guidance drawings and interlocking standards for speeds of 160 to 250 kmph for IRSEM.	2021-06-25	RDSO	Live
Minutes of Special SSC Meeting on Review of Draft Revision of IRSEM	RDSO Minutes 09.10.2020	Minutes of the special Signal Standards Committee meeting held 09.09.2020 to 12.09.2020 by video conference to deliberate on the draft revision of IRSEM.	2020-10-09	RDSO	Live
Minutes with Railway Board Approval of 1st Extended 86th Signal Standards Committee Meeting (15 February 2022)	RDSO Item 1211	Minutes of the 1st extended 86th SSC meeting on decontrol of signalling items for vendor development by RDSO, with Railway Board approval.	2022-02-15	RDSO	Live
Approval of 89th SSC Item - HQ Level Circuit Diagrams for EI Works	Railway Board 03.2024	Railway Board letter to General Managers on approval of HQ level circuit diagrams for electronic interlocking works, following the 89th SSC meeting.	2024-03	Railway Board	Live
Approval of Minutes of 87th Signal Standards Committee Meeting (No. 2022/Sig/25 Conf./87th SSC Mtg)	Railway Board Minutes 01.06.2023	Railway Board letter conveying its approval and views on the recommendations of the 87th Signal Standards Committee meeting held in January 2023, including General Rules changes.	2023-06-01	Railway Board	Live
Special Signal Standards Committee Meeting	Railway Board Letter No. 2021/Sig/25-Conf/5/SSC dated 26.02.2021	Railway Board letter to RDSO on the recommendations of a special Signal Standards Committee meeting, referencing an RDSO letter of 22.02.2021.	2021-02-26	Railway Board	Live
Recommendations of 90th Signal Standards Committee (SSC) Meeting (2024)	Railway Board Letter No. 2024/Sig/25 Conf./90th SSC Mtg	Railway Board letter to PED/Sig, RDSO on recommendations of the 90th Signal Standards Committee meeting held in 2024.	2024-08	Railway Board	Live
Specification for Kavach	Railway Board Remark on Item No. 1209 of 86th SSC Meeting	Railway Board letter on Item 1209 of the 86th Signal Standards Committee meeting regarding the Kavach specification.	2022-04-04	Railway Board	Live
Railway Board Approval of Minutes of 92nd Signal Standards Committee (SSC) Meeting	RDSO Letter 06.10.2025	RDSO letter to PCSTEs of all zonal railways conveying approval for the 92nd SSC meeting, with covering letter.	2025-10-06	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Recommendations of Special Signal Standards Committee Meeting on Electronic Interlocking	RDSO Letter No. RDSO-SIG-MISC(SSC)/1/2021	RDSO letter to Railway Board forwarding recommendations of the special Signal Standards Committee meeting held on 20.02.2021 on electronic interlocking, such as route limits and TSAA empowerment.	2021-02-22	RDSO	Live
Approval of Minutes	RDSO Letter No. STS/C/1st Extended 91st SSC Meeting (04.09.2025)	RDSO letter to PCSTEs of all zonal railways conveying Railway Board approval on the first extended 91st Signal Standards Committee meeting.	2025-09-04	RDSO	Live
2nd Extended (Corrigendum) 85th Signal Standards Committee Minutes of Meeting	RDSO STS/C/85th SSC Meeting/Vol.II (26.06.2018)	RDSO corrigendum to the minutes of the 2nd extended 85th Signal Standards Committee meeting, sent to zonal railways.	2018-06-26	RDSO	Live
2nd Extended 85th Signal Standards Committee Minutes of Meeting	RDSO STS/C/85th SSC Meeting/Vol.II (12.06.2018)	Minutes of the 2nd extended 85th Signal Standards Committee meeting circulated by RDSO to zonal railways.	2018-06-12	RDSO	Live
3rd Extended 85th Signal Standards Committee Minutes with Railway Board Approval	RDSO STS/C/85th SSC Meeting/Vol.II (06.07.2018)	Minutes of the 3rd extended 85th Signal Standards Committee meeting with Railway Board approval, circulated to zonal railways.	2018-07-06	RDSO	Live

TCSC (27)

Title	Doc no.	Subject	Issued	Issuer	Status
Minutes of the 40th Telecom Standards Committee (TCSC) Meeting held on 24 January 2023	RDSO Minutes 14.03.2023	Minutes of the 40th TCSC meeting conducted by video conference, with index of agenda items such as EC sockets and VHF specification revision.	2023-03-14	RDSO	RDSO intranet - being processed
Minutes of the 41st Telecom Standards Committee (TCSC) Meeting held on 29 and 30 January 2024 at IRISET Secunderabad	RDSO Minutes 07.03.2024	Minutes and recommendations of the 41st TCSC, with index of items on EC sockets, IP/MPLS router specification and others.	2024-03-07	RDSO	RDSO intranet - being processed
Minutes of the 42nd Telecom Standards Committee Meeting at Indore - Final Booklet with Railway Board Remarks	RDSO Minutes 06.01.2025	Final booklet of the 42nd TCSC minutes held 20 and 21 December 2024 with Railway Board remarks; items include PoC guidelines and N+1 server redundancy for VoIP TCCS.	2025-01-06	RDSO	RDSO intranet - being processed
Agenda Items for 39th TCSC Meeting	NER Letter 07.2017	North Eastern Railway S&T letter to RDSO suggesting agenda items for the 39th TCSC, including specifications for 5W and 25W VHF sets.	2017-07	North Eastern Railway	RDSO intranet - being processed
Items Suggested for 39th TCSC Meeting	North Western Railway Letter 27.07.2017	NWR letter to RDSO suggesting agenda items for the 39th TCSC, including LED type coach guidance system.	2017-07-27	North Western Railway	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Suggestions for 39th TCSC Meeting Agenda	Northeast Frontier Railway Letter 07.2017	NF Railway S&T letter to RDSO suggesting agenda items, including use of location boxes for quad cable joints.	2017-07	Northeast Frontier Railway	RDSO intranet - being processed
Proposed Agenda for the 39th Telecom Standards Committee Meeting (2017)	RDSO 2017	Agenda including formal items such as telecom specifications proposed to be deleted, with remarks on reasons.	2017	RDSO	RDSO intranet - being processed
40th Telecom Standards Committee (TCSC) Meeting Rescheduled to 24.01.2023	RDSO Letter 19.01.2023	RDSO letter rescheduling the 40th TCSC meeting to 24.01.2023 at 10:00 hrs by video conference, because of a safety performance review meeting.	2023-01-19	RDSO	RDSO intranet - being processed
40th Telecom Standards Committee (TCSC) Meeting Schedule and Agenda	RDSO Letter 06.01.2023	RDSO letter scheduling the 40th TCSC meeting for 20.01.2023 by video conference, with nine agenda items and a request for comments from zonal railways.	2023-01-06	RDSO	RDSO intranet - being processed
Additional Agenda Items for 41st TCSC Meeting (VSS)	RDSO Letter 11.01.2024	RDSO letter adding further agenda items related to video surveillance systems to the 41st TCSC meeting.	2024-01-11	RDSO	RDSO intranet - being processed
Agenda for 40th Telecom Standards Committee (TCSC) Meeting	RDSO Letter 08.12.2022	RDSO letter to zonal railways listing proposed agenda items for the 40th TCSC meeting, including VHF, IP-MPLS, aerial OFC, spec deletions and lithium-ion batteries.	2022-12-08	RDSO	RDSO intranet - being processed
Agenda for 42nd TCSC Meeting	RDSO Letter 14.11.2024	RDSO letter to PCSTEs proposing the 42nd Telecom Standards Committee meeting on 20 and 21 December 2024 and listing agenda items.	2024-11-14	RDSO	RDSO intranet - being processed
Final Booklet including Railway Board Decisions on Recommendations of 40th TCSC Meeting	RDSO Letter 26.06.2023	RDSO letter to zonal railways forwarding the final booklet with Railway Board decisions on the 40th TCSC recommendations.	2023-06-26	RDSO	RDSO intranet - being processed
Final Booklet including Railway Board Decisions on Recommendations of 41st TCSC Meeting	RDSO Letter 15.04.2024	RDSO letter to zonal railways forwarding the final booklet with Railway Board decisions on the 41st TCSC recommendations.	2024-04-15	RDSO	RDSO intranet - being processed
Performance of Battery Used in VHF Walkie-Talkie Sets	RDSO Letter 09.12.2022	RDSO proforma sent to zonal railways seeking data on performance, failures and average life of Li-ion batteries used in VHF walkie-talkie sets.	2022-12-09	RDSO	RDSO intranet - being processed
Venue for 42nd TCSC Meeting at Indore, Western Railway	RDSO Letter 19.11.2024	RDSO letter confirming the 42nd TCSC meeting on 20 and 21 December 2024 at Indore (MP).	2024-11-19	RDSO	RDSO intranet - being processed
41st TCSC Meeting at Trivandrum	RDSO Letter dated 03.01.2024	RDSO letter to PCSTEs about holding the 41st Telecom Standards Committee meeting, referring to	2024-01-03	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
		Railway Board letter of 02.01.2024.			processed
Rescheduling of 41st TCSC Meeting at IRISET Secunderabad	RDSO Letter dated 11.01.2024	RDSO letter informing that the 41st TCSC meeting is rescheduled to 29 and 30 January 2024 at IRISET, Secunderabad.	2024-01-11	RDSO	RDSO intranet - being processed
Letter on Performance Criteria for VHF Walkie-Talkie Sets during Proof of Concept	RDSO Letter 18.12.2023	RDSO Telecom letter to zonal railways on performance criteria for VHF based walkie-talkie sets during proof of concept trials.	2023-12-18	RDSO	RDSO intranet - being processed
Agenda for 41st TCSC Meeting	RDSO Letter RDSO-TELE0LKO(TECH)/11/2023	RDSO letter dated 16.10.2023 to PCSTEs listing proposed agenda items for the 41st Telecom Standards Committee meeting.	2023-10-16	RDSO	RDSO intranet - being processed
Agenda Items for 39th TCSC Meeting	RDSO Letter STT/G/TCSC-39/52 (25.07.2017)	RDSO letter to Chief Signal and Telecom Engineers of zonal railways inviting agenda items for the 39th Telecom Standards Committee meeting.	2017-07-25	RDSO	RDSO intranet - being processed
Suggestions for 39th TCSC Meeting Agenda	South Central Railway Letter 12.07.2017	SCR S&T letter to RDSO with compliance and suggestions for the 39th TCSC, including VSAT equipment in ARTs.	2017-07-12	South Central Railway	RDSO intranet - being processed
Suggestions for 39th TCSC Meeting Agenda	SECR Letter	SECR CSTE letter to RDSO with suggestions for the 39th TCSC, including poor performance of one make of walkie-talkie sets.		South East Central Railway	RDSO intranet - being processed
Suggestions for 39th TCSC Meeting	South Eastern Railway Letter	SER S&T letter to Director Telecom-IV RDSO suggesting telecom items for the 39th TCSC, including VHF walkie-talkie and UPS specifications and approved vendors.		South Eastern Railway	RDSO intranet - being processed
Telecom Subjects for 39th TCSC Meeting Agenda	Southern Railway Letter 24.07.2017	Southern Railway S&T letter to RDSO suggesting telecom agenda items such as standardization of the Railnet network.	2017-07-24	Southern Railway	RDSO intranet - being processed
Updated Agenda Booklet - 40th Telecom Standards Committee (TCSC) Meeting, 24 January 2023	RDSO 23.01.2023	Agenda booklet for the 40th TCSC meeting on 24 January 2023, covering EC sockets, VHF, IP-MPLS, telecom power supply, aerial OFC and proposed deletion of old specifications.	2023-01-23	RDSO	RDSO intranet - being processed
Agenda Items for 39th TCSC Meeting	West Central Railway Letter 07.07.2017	WCR S&T letter to RDSO proposing items for the 39th TCSC, including approving telecom products instead of specifications.	2017-07-07	West Central Railway	RDSO intranet - being processed

MSG (6)

Title	Doc no.	Subject	Issued	Issuer	Status
1st Telecom MSG Final Booklet - Recommendations and Railway Board Decisions	RDSO 07.2025	Final booklet of recommendations and Railway Board approvals from the 1st Telecom Maintenance Study Group meeting.	2025-07	RDSO	RDSO intranet - being processed
Minutes of 15th Maintenance Study Group (Signalling) Meeting, 5-6 September 2024	RDSO Minutes 09.2024	Minutes of the 15th MSG (Signalling) meeting held at New Delhi on 5 and 6 September 2024.	2024-09	RDSO	RDSO intranet - being processed
Approval of Recommendations of 15th Maintenance Study Group (Signalling) 2024	Railway Board 12.11.2024	Railway Board letter on recommendations of the 15th MSG (Signalling) meeting.	2024-11-12	Railway Board	RDSO intranet - being processed
Agenda Letter for 1st Telecom Maintenance Study Group (MSG) Meeting	RDSO Letter 08.04.2025	RDSO letter issuing the agenda for the 1st telecom MSG meeting.	2025-04-08	RDSO	RDSO intranet - being processed
Letter for 1st MSG Meeting at Maligaon, Guwahati, Northeast Frontier Railway	RDSO Letter 05.2025	RDSO letter on holding the 1st MSG meeting at Maligaon, Guwahati.	2025-05	RDSO	RDSO intranet - being processed
Letter on Railway Board Approval of Recommendations of 1st MSG Meeting	RDSO Letter 06.2025	RDSO letter conveying Railway Board decisions on recommendations of the 1st MSG meeting.	2025-06	RDSO	RDSO intranet - being processed

Training & handbooks (369)

IRISET (104)

Title	Doc no.	Subject	Issued	Issuer	Status
Pre-Training Reading Module on Kavach for S&T Staff (Assamese Edition)	CoE/Kavach/2024/009 Issue 1.0	Assamese edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Bengali Edition)	CoE/Kavach/2024/009 Issue 1.0	Bengali edition of the pre-training reading module on Kavach for S&T staff.		CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Gujarati Edition)	CoE/Kavach/2024/009 Issue 1.0	Gujarati edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Kashmiri Edition)	CoE/Kavach/2024/009 Issue 1.0	Kashmiri edition of the pre-training reading module on Kavach for S&T staff.		CoE Kavach (IRISET)	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
					processed
Pre-Training Reading Module on Kavach for S&T Staff (Konkani Edition)	CoE/Kavach/2024/009 Issue 1.0	Konkani edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Malayalam Edition)	CoE/Kavach/2024/009 Issue 1.0	Malayalam edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Manipuri Edition)	CoE/Kavach/2024/009 Issue 1.0	Manipuri edition of the pre-training reading module on Kavach for S&T staff.		CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Marathi Edition)	CoE/Kavach/2024/009 Issue 1.0	Marathi edition of the pre-training reading module on Kavach for S&T staff.		CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Odia Edition)	CoE/Kavach/2024/009 Issue 1.0	Odia edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Punjabi Edition)	CoE/Kavach/2024/009 Issue 1.0	Punjabi edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Sindhi Edition)	CoE/Kavach/2024/009 Issue 1.0	Sindhi edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Tamil Edition)	CoE/Kavach/2024/009 Issue 1.0	Tamil edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Telugu Edition)	CoE/Kavach/2024/009 Issue 1.0	Telugu edition of the pre-training reading module on Kavach for S&T staff.	2025-04-02	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Training Reading Module on Kavach for S&T Staff (Urdu Edition)	CoE/Kavach/2024/009 Issue 1.0	Urdu edition of the pre-training reading module on Kavach for S&T staff.	2024-11-15	CoE Kavach (IRISET)	RDSO intranet - being processed
Data Logger Course Compilation (ISPS41)	IRISET IRS:S:99/2006 Extracts, Railway Board and RDSO Letters	Training compilation on data loggers with a presentation, extracts of IRS:S:99/2006 and Railway Board and RDSO letters.		IRISET	Live
Documentation for Kavach Functionality (IRISET training presentation)	IRISET Presentation	IRISET TD Lab presentation on Kavach documentation, including WPC licensing and SACFA requirements for radio frequencies and towers.		IRISET	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Module S 22 - Block Working: S.L. Token and D.L. Block Instruments	IRISET 11.2009	IRISET module on block signalling, Neale's ball and tablet token block instruments and double line tokenless block instruments, with review questions.	2009-11	IRISET	Live
Basics of Indian Railway Signalling	IRISET Notes S1 Ver A3 (07.2022)	IRISET notes introducing railway signalling, signals, and the rules, manuals and specifications of Indian Railways.	2022-07	IRISET	Live
Notes S15 - Panel Interlocking with Metal-Metal Relays (Siemens)	IRISET 11.2009	IRISET notes on panel interlocking with metal-metal relays: table of control, button relays, point and signal operation, route release and indications.	2009-11	IRISET	Live
Asterisk Based VoIP (IP PBX & TCCS)	IRISET Notes TCS 7 Ver 2.0 (07.2025)	IRISET notes on Asterisk based VoIP (IP PBX and TCCS) covering introduction, installation and configuration of Asterisk.	2025-07	IRISET	Live
PCM-TDM Principles (PDH Principles)	IRISET Notes TCT 2 Ver 3.0 (06.2025)	IRISET notes on PCM principles, line coding, primary mux, PDH hierarchy and jitter and wander in PDH networks.	2025-06	IRISET	Live
Circuit Practice, Metal-Carbon Relays (British), Route Setting Type & Non Route Setting Type (Issued June 2025)	IRISET 06.2025 S 13	IRISET notes on circuit practice for British metal-carbon relays, route setting and non route setting types.	2025-06	IRISET	Live
Interlocking with Metal-Metal Relays (Siemens) (Issued June 2025)	IRISET 06.2025 S 14	IRISET notes on interlocking with Siemens metal-metal relays.	2025-06	IRISET	Live
Electronic Interlocking (Version A4, 2009)	IRISET 11.2009 S 18	IRISET notes on electronic interlocking and the Microlok-II EI system, with annexures on RDSO/SPN/192/2005, FAT and SAT, SIMIS S, ESA11 and GE systems, and pre-commissioning checklist.	2009-11	IRISET	Live
Electronic Interlocking	IRISET 07.2024 S 18 Version A7	IRISET notes on electronic interlocking covering introduction, purpose, advantages over relay interlocking, general requirements and interlocking policy.	2024-07	IRISET	Live
Electronic Interlocking Design	IRISET 11.2022 S 18A Version A1	IRISET notes on electronic interlocking design, beginning with the Microlok-II EI system block diagram, introduction and hardware.	2022-11	IRISET	Live
Signalling Relays & Cables	IRISET 11.2009 S 19	IRISET study material on signalling relays and cables.	2009-11	IRISET	Live
Principles of Interlocking and Control Table (Issued June 2025)	IRISET 06.2025 S 2	IRISET notes on principles of interlocking and the control table.	2025-06	IRISET	Live
E-type Locks, Electric Key Transmitter, LC Gates, Electrical Lifting Barrier, Sliding Boom & Inter Cabin Slotting (Issued June	IRISET 06.2025 S 20	IRISET notes on E-type locks, electric key transmitter, level crossing gates, electrical lifting barrier, sliding boom and inter-cabin slotting.	2025-06	IRISET	Live

Title	Doc no.	Subject	Issued	Issuer	Status
2025)					
Intermediate Block Signalling & Block Proving Axle Counter	IRISET 11.2009 S 24	IRISET notes on intermediate block signalling, axle counter block working and block proving axle counter.	2009-11	IRISET	Live *Same document also found in: live system (merged, see DUPLICATES.tsv)*
Railway Signalling Installation and Quality Handbook	IRISET Handbook S 29 04.2010	IRISET compilation for the S&T department covering power supply, relay room equipment, cables, point machines, lightning protection, axle counters and signals.	2010-04	IRISET	Live
Basics of Signal Engineering	IRISET 11.2009 S-1	IRISET study material on basics of signal engineering, including definitions, signalling concepts and fixed signals.	2009-11	IRISET	Live
Colour Light and Automatic Signalling (Revision A2)	IRISET 11.2009 S-10	IRISET notes on multiple unit colour light signals, indication and aspect control circuits, automatic signalling and LED signal units.	2009-11	IRISET	Live
Colour Light, LED and Automatic Signalling	IRISET 06.2022 S-10 Version A4	IRISET notes on multiple unit colour light signals, LED signals and automatic signalling.	2022-06	IRISET	Live
Selection Circuits & Control Tables	IRISET S-11	IRISET study material on selection circuits and control tables, covering signal control circuits, electrical locking, indication circuits and practice.		IRISET	Live
Interlocking with Metal-Carbon Relays (British)	IRISET S-12	IRISET study material on interlocking with British metal-carbon relays, including the sequence of operations on panel.		IRISET	Live
Panel Interlocking with Metal-Metal Relays (Siemens)	IRISET S-15	IRISET study material on panel interlocking with Siemens metal-metal relays.		IRISET	Live
Route Relay Interlocking (Siemens)	IRISET S-16	IRISET study material on Siemens route relay interlocking, covering sequence of operations, point groups and commissioning.		IRISET	Live
Circuit Practice - Metal-Metal Contact Relays (Siemens)	IRISET 03.2014 S-17	IRISET study material on circuit practice for Siemens metal-metal contact relays.	2014-03	IRISET	Live
Electric Point Machine	IRISET S-21	IRISET study material on electric point machines and point and lock detectors.		IRISET	Live
Block Working - SL Token & DL Block Instruments	IRISET S-22	IRISET study material on block working with single line token and double line block instruments.		IRISET	Live
Tokenless Block Instruments for Single	IRISET S-23	IRISET study material on tokenless block instruments		IRISET	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Line		for single line, including circuit description and failures.			
Train Detection - Track Circuits	IRISET S-25	IRISET study material on train detection by track circuits, including DC and audio frequency track circuits and bonding.		IRISET	Live
Train Detection - Track Circuits (Issued January 2010)	IRISET 01.2010 S-25	IRISET study material on train detection by track circuits.	2010-01	IRISET	Live
Axle Counters - Analog & Digital	IRISET S-26	IRISET study material on analog and digital axle counters of several makes.		IRISET	Live
Kavach, Indian Railway Automatic Train Protection System (Issued June 2025)	IRISET 06.2025 S-28	IRISET notes on Kavach, the Indian Railways automatic train protection system.	2025-06	IRISET	Live
Mechanical Signalling - Single Wire & Rodding	IRISET S-3	IRISET study material on single wire mechanical signalling, lever frames, rodding and point and lock detectors.		IRISET	Live
Signalling Data Hand Book (Revision A1)	IRISET 04.2010 S-30	IRISET pocket data handbook covering signalling basics, power supply, interlocking, relays, track detection, point machines and block signalling.	2010-04	IRISET	Live
Mechanical Signalling - Double Wire	IRISET S-4	IRISET study material on double wire mechanical signalling transmission.		IRISET	Live
Locking Table Practice	IRISET S-5	IRISET study material on preparation of locking tables with layout practice.		IRISET	Live
Signalling in 25kV AC Electrified Section (July 2022)	IRISET 07.2022 S-7	IRISET notes on signalling in 25kV AC electrified sections.	2022-07	IRISET	Live
Signalling in 25kV AC Electrified Section (November 2009)	IRISET 11.2009 S-7	IRISET notes on signalling in 25kV AC electrified sections, covering OHE, signal clearance, earthing, cables, track circuits and induction.	2009-11	IRISET	Live
Signalling General	IRISET S-8	IRISET study material on general signalling topics such as duties of signal staff, signal failures, schedule of dimensions, drawings, yard layouts and estimates.		IRISET	Live
Signalling General (Revision A2)	IRISET 11.2009 S-8	IRISET notes covering duties of staff, signal failures, schedule of dimensions, maintenance schedules, testing and working in abnormal conditions.	2009-11	IRISET	Live
Data Logger	IRISET 07.2022 S11	IRISET training notes on data loggers.	2022-07	IRISET	Live
Interlocking with Metal to Metal Relays (Siemens)	IRISET S14 Ver 1.0	IRISET study material on relay interlocking with Siemens metal to metal relays, covering panel interlocking and route relay interlocking.		IRISET	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Relays and Cables	IRISET S19	IRISET notes on signalling relays and cables, including symbols, British and Siemens practice relays and nomenclature.		IRISET	Live
Railway Accidents and Safety	IRISET 06.2025 S27 Version A5	IRISET study notes on railway accidents and safety, issued for guidance only.	2025-06	IRISET	Live
Signalling Safety, Accidents, Disaster Management & Accident Case Studies (Slide Deck)	IRISET S27	IRISET study material on railway safety, accidents, disaster management, accident relief, enquiries and accident case studies.		IRISET	Live
Data Logger, ERTMS/ETCS Levels, TPWS (Ansaldo and Siemens) and AWS (Slide Deck)	IRISET S28	IRISET study material on data loggers, ERTMS/ETCS levels, TPWS and AWS.		IRISET	Live
Signalling Data Hand Book	IRISET 03.2023 S30 Version A4	IRISET signalling data handbook issued for guidance, with revision history from earlier versions.	2023-03	IRISET	Live
Locking Table Practice	IRISET Preparation S5 of Locking Tables (Slide Deck, Ver 1.0) (03.05.2020)	IRISET study material on preparation of locking tables with worked solutions.	2020-05-03	IRISET	Live
Power Supply for Signalling	IRISET 06.2025 S9 Version A5	IRISET study notes on power supply for signalling, starting with secondary cells and batteries.	2025-06	IRISET	Live
Mobile Communication	IRISET 03.2020 TA 1	IRISET notes on mobile communication, including train radio and VHF mobile radio on Indian Railways.	2020-03	IRISET	Live
Data Communication and Networking	IRISET 01.2020 TA 2	IRISET notes on data communication and networking, including the OSI model and data transmission on physical media.	2020-01	IRISET	Live
Data Networks of IR	IRISET 04.2020 TA 3	IRISET notes on data networks of Indian Railways, issued April 2020.	2020-04	IRISET	Live
Cyber Security	IRISET 04.2020 TA 4	IRISET notes on cyber security, issued April 2020.	2020-04	IRISET	Live
Long Term Evolution (LTE)	IRISET 09.2021 TA 5	IRISET notes on Long Term Evolution (LTE), issued September 2021.	2021-09	IRISET	Live
IP MPLS	IRISET 11.2025 TA 6	IRISET notes on IP MPLS (Multi Protocol Label Switching).	2025-11	IRISET	Live
IP-Multi Protocol Label Switching (IP-MPLS)	IRISET 09.2021 TA 6	IRISET notes on IP-MPLS, issued September 2021.	2021-09	IRISET	Live
Data Communication & Networking	IRISET 11.2025 TA2	IRISET training notes on data communication and networking.	2025-11	IRISET	Live
Cyber Security	IRISET 10.2025 TA4	IRISET training notes on cyber security.	2025-10	IRISET	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Long Term Evolution (LTE)	IRISET 06.2025 TA5	IRISET training notes on Long Term Evolution (LTE).	2025-06	IRISET	Live
Telecom General	IRISET 04.2020 TB 1	IRISET notes on general telecom topics, issued April 2020.	2020-04	IRISET	Live
Digital Electronics (Old Notes)	IRISET 07.2014 TB 3	IRISET notes on digital electronics, issued July 2014.	2014-07	IRISET	Live
Digital Modulation Techniques (Old Notes)	IRISET 2014 TB 4	IRISET notes on digital modulation techniques, 2014 edition.	2014	IRISET	Live
Radio Propagation (Old Notes)	IRISET 04.2014 TB 5	IRISET notes on radio propagation, issued April 2014.	2014-04	IRISET	Live
Measuring Instruments	IRISET 04.2020 TB 6	IRISET notes on measuring instruments, issued April 2020.	2020-04	IRISET	Live
Telecom Cables (Copper)	IRISET 04.2020 TC 1	IRISET notes on copper telecom cables, issued April 2020.	2020-04	IRISET	Live
Telecom Cables (Copper)	IRISET TC 1 Ver 3.0 (05.2025)	IRISET notes on copper telecom cables, covering paired cables, switchboard cables and their railway applications.	2025-05	IRISET	Live
Public Address System	IRISET 11.2019 TC 2	IRISET notes on public address systems, issued November 2019.	2019-11	IRISET	Live
Passenger Information System	IRISET 02.2020 TC 3	IRISET notes on passenger information systems, issued February 2020.	2020-02	IRISET	Live
Power Supply Arrangements	IRISET 02.2020 TC 4	IRISET notes on power supply arrangements for telecom, issued February 2020.	2020-02	IRISET	Live
Earthing and Surge Protection Devices	IRISET 02.2020 TC 5	IRISET notes on earthing and surge protection devices, issued February 2020.	2020-02	IRISET	Live
Earthing and Surge Protection Devices	IRISET 05.2025 TC 5 Version 3.0	IRISET notes on surges, lightning protection zones, earthing fundamentals, methods of reducing earth resistance and surge protection standard IEC 62305.	2025-05	IRISET	Live
Train Traffic Control	IRISET 11.2019 TC 6	IRISET notes on train traffic control, issued November 2019.	2019-11	IRISET	Live
Telephone Instruments	IRISET 11.2019 TCS 1	IRISET notes on telephone instruments, issued November 2019.	2019-11	IRISET	Live
Principles of SPC Exchanges (Old Notes)	IRISET 2014 TCS 2	IRISET notes on principles of SPC exchanges, 2014 edition.	2014	IRISET	Live
ISDN Exchange and Advancements	IRISET 07.2025 TCS 4	IRISET training notes on ISDN exchanges and their advancements, version 2.0.	2025-07	IRISET	Live
Signalling in Telecommunication	IRISET 04.2020 TCS 5	IRISET notes on signalling in telecommunication, issued April 2020.	2020-04	IRISET	Live

Title	Doc no.	Subject	Issued	Issuer	Status
IP Telephony and NGN	IRISET 11.2019 TCS 6	IRISET notes on IP telephony and next generation networks, issued November 2019.	2019-11	IRISET	Live
Asterisk based VOIP (IP PBX and TCCS)	IRISET 11.2022 TCS 7	IRISET notes on Asterisk based VoIP, IP PBX and TCCS, issued November 2022.	2022-11	IRISET	Live
Digital Radio Equipment (Old Notes)	IRISET 2014 TCT 1	IRISET notes on digital radio equipment, 2014 edition.	2014	IRISET	Live
PDH Principles	IRISET 10.2019 TCT 2	IRISET notes on PDH principles, issued October 2019.	2019-10	IRISET	Live
PDH Equipments	IRISET 10.2019 TCT 3	IRISET notes on PDH equipment, issued October 2019.	2019-10	IRISET	Live
OFC Systems	IRISET 04.2020 TCT 4	IRISET notes on optical fibre cable systems, issued April 2020.	2020-04	IRISET	Live
SDH Principles	IRISET 11.2019 TCT 5	IRISET notes on SDH principles, issued November 2019.	2019-11	IRISET	Live
TCT 6	IRISET STM Equipment TJ1400-7SR, FIBCOM 6325	IRISET notes on STM equipment of types TJ1400-7SR and FIBCOM 6325.	2025-06	IRISET	Live
Fibcom STM Equipments	IRISET 12.2019 TCT 6A	IRISET notes on Fibcom STM equipment, issued December 2019.	2019-12	IRISET	Live
Telecom Hand Book	IRISET 04.2020	IRISET telecom handbook, issued April 2020.	2020-04	IRISET	Live
Station and Loco Kavach, Medha Make (IRISET Kavach Lab presentation)	IRISET KAV 13 (14.03.2023)	IRISET Kavach Lab presentation on the architecture and subsystems of Medha make station and loco Kavach.	2023-03-14	IRISET	Live
Tokenless Block Instruments for Single Line (IRISET)	IRISET 11.2009 S 23	IRISET notes on tokenless block instruments for single line, issued November 2009.	2009-11	IRISET	Live
Interlocking with Metal-Carbon Relays (British), IRISET Notes	IRISET S12 (11.2009)	IRISET notes on relay interlocking with metal-carbon relays, covering panel operation, control tables, relay nomenclature, RRI, installation and testing.	2009-11	IRISET	Live
Train Detection Systems - DC Track Circuit, AFTC, SSDAC and HASSDAC (IRISET)	IRISET S25	IRISET notes on train detection systems including DC track circuits, AFTC, SSDAC and HASSDAC.		IRISET	Live

CAMTECH (164)

Title	Doc no.	Subject	Issued	Issuer	Status
Compendium of Maintenance Instructions on Signalling Equipments, Ver 2.0	CAMTECH/S/PROJ/2019-20/ Comp-Sig/2.0	Compendium of parameters, maintenance procedures and schedules for signalling equipment, for SSEs/JEs (Signal) and signal maintainers.	2020-01	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on Comparative Study of Cards of Different Digital Axle Counters	CAMTECH/S/PROJ/2016-17/HB-CCDAC/1.0	Handbook comparing the electronic cards, indications and parameters of digital axle counters from RDSO-approved firms.	2017-03	CAMTECH	Live
Handbook on Plug-in Type Relay	CAMTECH/S/2005/PR/1.0	CAMTECH handbook introducing plug-in type relays and how they work.	2005-03	CAMTECH	Live
Handbook on Precautions, Do's and Don'ts during Circuit Alteration in Signalling System	CAMTECH Handbook 2025	CAMTECH handbook on precautions to observe during circuit alteration in signalling systems.	2025	CAMTECH	Live
Maintenance Instructions - Relay Room (poster)	CAMTECH	CAMTECH poster of maintenance instructions for the relay room, including relay handling, fuse checks and fault tracing with a test lamp.		CAMTECH	Live
Pamphlet	Do's & Don'ts for Metal to Metal Contact K-50 Relays (CAMTECH/S/PROJ/2011-12/DDK 50/1.0)	CAMTECH pamphlet on preventive measures and do's and don'ts for K-50 metal to metal contact relays.	2011-04	CAMTECH	Live
Pamphlet on DTMF Telephone Instrument (Desk Type, 2 Wire, 12 Way)	CAMTECH	CAMTECH pamphlet on the DTMF telephone instrument, its uses on railways and advantages over magneto telephones.		CAMTECH	Live
Pamphlet on Instructions on Laying of Telecom Cables	CAMTECH	CAMTECH pamphlet with instructions on laying telecom cables, including trench, winch pulling and testing of fibres.		CAMTECH	Live
Pamphlet on Instructions on Precautions in RE Area for Telecom Staff	CAMTECH	CAMTECH pamphlet on precautions for telecom staff working in electrified (RE) areas, including earthing, lightning arrestors and gloves.		CAMTECH	Live
Pamphlet on Universal Axle Counter (Multi Entry Analog UAC, 3D/4D)	CAMTECH	CAMTECH pamphlet on the multi entry universal axle counter: evaluator cards, power supply arrangement and standard parameters.		CAMTECH	Live
Pamphlet on VHF Based Approaching Train Warning System for Track Maintainers	CAMTECH/S/PROJ/2021-22/ SP2A	CAMTECH pamphlet on the VHF based approaching train warning system for track and S&T maintenance staff.	2021-04	CAMTECH	Live
Pocket Book on Frauscher Advanced Counter FAdC	CAMTECH/S/PROJ/2018-19/SP5	Pocket book covering outdoor and indoor equipment, wheel sensor RSR 180, power supply and maintenance of the Frauscher FAdC axle counter.	2018-11	CAMTECH	Live
Pocketbook on Fuse Auto Changeover System (FACS) and its Applications in S&T	CAMTECH/S&T/2022-23/FACS/ 1.0	Pocketbook on the fuse auto changeover system and its applications in S&T.	2022-04	CAMTECH	Live
Question Bank on Digital Axle Counter	CAMTECH/S/PROJ/2019-20/ SP1/1.0	CAMTECH question bank on digital axle counters.	2019-07	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Question Bank on LTE & LTE-R	CAMTECH Question paper 2021	CAMTECH question bank on LTE and LTE-R.	2021	CAMTECH	Live
Handbook on Insulated Rail Joints	CAMTECH/2000/S/IRJ/1.0	CAMTECH maintenance handbook on insulated rail joints used to isolate track circuits.	2000-06	CAMTECH	Live
Handbook on Manual Lifting Barrier (Winch Operated)	CAMTECH/2000/S/MLB/1.0	CAMTECH handbook on manual winch-operated lifting barriers at level crossing gates and their maintenance.	2000-11	CAMTECH	Live
Block Working on Double Line by Axle Counter	CAMTECH/99/S/AXLE/1.0 (07.1999)	CAMTECH handbook on double line block working by axle counter: equipment, station master's block panel and working principle.	1999-07	CAMTECH	Live
Maintenance Handbook on Single Line, Handle Type Tokenless Block Instrument (FM Coded)	CAMTECH/99/S/DAIDO/1.0	CAMTECH maintenance handbook on single line handle type tokenless block instrument (FM coded) for RE and non-RE sections.		CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on Lightning Arrester	CAMTECH/E/2008/LA/1.0	CAMTECH maintenance handbook on lightning arresters.	2008-04	CAMTECH	Staged (SECR HQ library)
Pamphlet on Arrangement of Springs in Various CASNUB Trolleys Fitted on Wagons	CAMTECH/M/GWL/2015-16/ SPRING/1.0	CAMTECH pamphlet on spring arrangement in CASNUB trolleys by axle load for different wagon types.	2015-09	CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on Multi Channel Voice Recorder	CAMTECH/S&T/2009/HB/ MCVR/1.0	CAMTECH handbook on installation, maintenance and troubleshooting of the SmartLogger-V2 multi channel voice recorder for railway control circuits.	2009-12	CAMTECH	Live
Maintenance Handbook on Voice Frequency Communication System for Underground Quad Cables	CAMTECH/S&T/2009/HB/VFCS/ 1.0	CAMTECH maintenance handbook on voice frequency communication systems used over underground telecom quad cables for block working, LC gate and emergency communication.		CAMTECH	Staged (SECR HQ library)
Handbook on Networking & Data Networks of Indian Railways	CAMTECH/S&T/2022-23/DATA-NETWORK/1.0	CAMTECH handbook on networking fundamentals and the data networks of Indian Railways.	2023-02	CAMTECH	Live
Utility Handbook on Modern Tools & Measuring Instruments for Signalling and Telecommunications	CAMTECH/S&T/2022-23/ MTMIST/1.0	CAMTECH handbook introducing modern tools and measuring instruments for S&T staff, including earth leakage detection and OFC and quad cable fault localisation.	2022-06	CAMTECH	Live
Handbook on Safety in Signalling Ver-2.0	CAMTECH/S&T/2022-23/SS/2.0	CAMTECH handbook on safety in signalling for SSE/JE and signal maintenance staff.	2022-08	CAMTECH	Live
Fundamentals of Solid State Block Proving by Axle Counter (Digital) and its Applications in Indian Railways, Volume I	CAMTECH/S&T/2022-23/ SSBPAC-D/VOL-I/1.0	CAMTECH handbook for SSE/JE (Signal) and signal maintainers on the fundamentals of SSBPAC-D and its applications.	2022-07	CAMTECH	Live
An Introduction to Integrated Access Multiplexer with Auto Media Changeover	CAMTECH/S&T/2022-23/TL-FABIO/1.0	CAMTECH handbook introducing the Teamlink FABIO 1CX/2CX auto media changeover multiplexer for	2022-09	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
(Teamlink FABIO-1CX/2CX) for Media Diversity		reliable axle counter communication.			
Handbook on Installation, Maintenance & Troubleshooting of Siemens ACM 200 Axle Counting System	CAMTECH/S&T/2023-24/ACM 200/1.0	CAMTECH handbook on installation, maintenance and troubleshooting of the Siemens ACM 200 axle counting system.	2023-04	CAMTECH	Live
Handbook on Installation, Maintenance and Troubleshooting of Frauscher Advanced Counter FAdC	CAMTECH/S&T/2023-24/FAdC/ 1.0	CAMTECH handbook for SSEs and JEs (S&T) on installation, maintenance and troubleshooting of the Frauscher Advanced Counter axle counter.	2023-06	CAMTECH	Live
Pamphlet on Modular Terminal Blocks used in Railway Signalling	CAMTECH/S&T/2023-24/MTB/ 1.0	CAMTECH pamphlet on modular terminal blocks and cable termination methods and procedure in railway signalling.	2024-02	CAMTECH	Live
Handbook on Different Types of Telecommunication Techniques used in KAVACH	CAMTECH/S&T/2023-24/TELE-KAVACH/1.0	CAMTECH handbook on the different telecommunication techniques used in the Kavach system.		CAMTECH	Live
Introductory Handbook on Track Machines for S&T Staff	CAMTECH/S&T/2023-24/TM	CAMTECH introductory handbook on track machines for SSEs, JEs and maintenance staff of S&T and P.Way departments.	2023-11	CAMTECH	Live
An Introductory Handbook on VoIP-Based Train Traffic Control Communication System	CAMTECH/S&T/2023-24/VOIP/ 1.0	Introductory handbook on VoIP-based Train Control Communication System: VoIP overview, system architecture, components and implementation in Indian Railways.	2023-08	CAMTECH	Live
Handbook on Maintenance and Troubleshooting of Telecom Cables	CAMTECH/S&T/2024-25/ CABLE/1.0	CAMTECH handbook introducing types of telecom cables used in Indian Railways with their maintenance and troubleshooting procedures.	2024-05	CAMTECH	Live
Handbook on Emergency Operations in Signal Interlocking Systems	CAMTECH/S&T/2024-25/EO-SIG/1.0	CAMTECH handbook on emergency operations such as emergency signal cancellation and emergency point operation in PI, RRI and EI interlocking systems.	2025-01	CAMTECH	Live
Maintenance Handbook on Integrated Power Supply for Signalling	CAMTECH/S&T/2024-25/IPS/4.0	CAMTECH handbook giving overview, functioning, maintenance guidelines and troubleshooting of integrated power supply systems for signalling.	2024-07	CAMTECH	Live
Installation and Maintenance Handbook on Integrated Power Supply for Signalling (Make Gallant Power and Statcon Energiaa), RDSO/SPN/165/2023 Ver 4.0	CAMTECH/S&T/2024-25/IPS/4.1	CAMTECH handbook for SSE/JE Signal and technicians on SMPS based integrated power supply for signalling of Gallant Power and Statcon Energiaa make.	2025-12	CAMTECH	Live
Handbook on Installation, Maintenance & Troubleshooting of Medha MSDAC (MAC181)	CAMTECH/S&T/2024-25/ MAC181/1.0	CAMTECH handbook on installation, maintenance and troubleshooting of the Medha MAC181 multi-section digital axle counting system.	2024-06	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on Maintenance & Troubleshooting of PUNCOM Primary Digital Multiplexer	CAMTECH/S&T/2024-25/ MTPPDM/1.0	CAMTECH handbook on maintenance and troubleshooting of PUNCOM primary digital multiplexer (PDMUX) used for data transmission and communication.	2025-03	CAMTECH	Live
Handbook on Installation, Maintenance & Troubleshooting of SIGMA Rail DAC Model BO23	CAMTECH/S&T/2024-25/SIGMA DAC/1.0	CAMTECH handbook on installation, maintenance and troubleshooting of the SIGMA Rail digital axle counter model BO23.	2024-04	CAMTECH	Live
Handbook on VHF Communication & Mobile Train Radio Communication (GSM & TETRA based) System	CAMTECH/S&T/2024-25/TELE-MTRC/1.0	CAMTECH handbook on VHF communication and GSM and TETRA based mobile train radio communication systems.		CAMTECH	Live
Handbook on Various Telecom Passenger Amenities Systems	CAMTECH/S&T/2024-25/TELE-PA/1.0	CAMTECH handbook on the various telecom passenger amenities systems.	2025-03	CAMTECH	Live
Electronic Interlocking Maintenance Instructions Series-I: Microlok-II EI System	CAMTECH/S&T/2025-26/EI	CAMTECH handbook on maintenance of the Microlok-II electronic interlocking system, covering overview, definitions, system composition, hardware and software.	2025-12	CAMTECH	Live
Maintenance Handbook on Kyosan K5BMC Electronic Interlocking (EI Maintenance Instructions Series III)	CAMTECH/S&T/2025-26/EI	CAMTECH maintenance handbook on Kyosan K5BMC electronic interlocking, covering system composition and hardware.	2026-03	CAMTECH	Live
Handbook on Maintenance & Testing of Automatic Fire Detection & Alarm System (AFDAS) and Automatic Fire Suppression System (AFSS) for Signalling Installations	CAMTECH/S&T/2025-26/Fire safety/1.0	CAMTECH handbook on maintenance and testing of fire detection, alarm and automatic fire suppression systems for signalling installations.	2026-01	CAMTECH	Live
Installation and Maintenance Handbook on Integrated Power Supply for Signalling (Make Amararaja and HBL), RDSO/SPN/165/2023 Ver 4.0	CAMTECH/S&T/2025-26/IPS-II/ 4.1	CAMTECH handbook on installation and maintenance of SMPS based integrated power supply for signalling of Amararaja and HBL make.		CAMTECH	Live
Handbook on Maintenance & Troubleshooting of Synchronous Transport Module (STM), Make TEJAS	CAMTECH/S&T/2025-26/STM/ 1.0	CAMTECH handbook on maintenance and troubleshooting of TEJAS make STM equipment used in SDH over optical fibre cable networks.	2026-02	CAMTECH	Live
Instruction Manual of SMPS Based Integrated Power Supply (IPS), Electric Industries, RDSO/SPN/165/2023 Ver 4.0 Amendment 1	CAMTECH/S&T/2026-27/IPS-III/ 4.1	CAMTECH instruction manual for SSE/JE Signal and technicians on the SMPS based integrated power supply of Electric Industries make.	2026-04	CAMTECH	Live
Handbook on Guidelines for Minimizing Failures of Electric Point Machine	CAMTECH/S&T/PROJ/2024-25/ EPM/Ver.1.0	CAMTECH handbook on parts and working of electric point machines with maintenance instructions and troubleshooting to minimize failures.	2025-03	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on Guidelines for Non-Interlocking Working & Commissioning of Signaling Installations	CAMTECH/S&T/PROJ/2024-25/NI-Working/Ver.1.0	CAMTECH handbook on principles, procedures and safety measures for non-interlocking working and commissioning of signalling installations.	2024-11	CAMTECH	Live
Pamphlet on Digital Axle Counter (Multi Section)	CAMTECH/S&T/S/2009/P/MSDAC/1.0	CAMTECH pamphlet on multi section digital axle counter.	2009-09	CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on Signal Lamp	CAMTECH/S/2000/SL/1.0	CAMTECH maintenance handbook on signal lamps, covering their introduction and types.		CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on Solid State Interlocking	CAMTECH/S/2002/SSI/1.0	CAMTECH maintenance handbook introducing solid state interlocking as an alternative to RRI and panel interlocking.		CAMTECH	Staged (SECR HQ library)
Handbook on VHF Set (25 Watt)	CAMTECH/S/2002/VHF/1.0	CAMTECH handbook on the 25 watt VHF base station set of the universal emergency communication system: operation, installation, testing and maintenance.	2002-12	CAMTECH	Live
Maintenance Handbook on DTMF Telephone Instrument (desk type, 2-wire, 12-way)	CAMTECH/S/2003/DTMFTE/1.0	CAMTECH maintenance handbook on 2 wire 12 way DTMF telephone instruments, describing their parts and functions.	2003-09	CAMTECH	Live
Handbook on VRLA (Valve Regulated Lead Acid) Batteries	CAMTECH/S/2003/VRLA/1.0	CAMTECH handbook on valve regulated lead acid batteries used as DC source in signalling circuits.	2003-02	CAMTECH	Live
Handbook on Optical Fibre Cable (OFC) Accessories	CAMTECH/S/2004/OFCASC/1.0	CAMTECH handbook describing optical fibre cable accessories such as the termination box used to splice and terminate OFC.	2004-03	CAMTECH	Live
Maintenance Handbook on Lead Acid Cell	CAMTECH/S/2005/LAC/2.0 Ver 2	CAMTECH maintenance handbook on installation and maintenance of stationary lead acid cells.		CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on Light Weight Portable Control Telephone	CAMTECH/S/2005/LWPCT/1.0	CAMTECH handbook for field staff on installation, operation, maintenance and testing of light weight portable control telephones.	2005-11	CAMTECH	Live
Siemens Point Machine (Pamphlet)	CAMTECH/S/2006/SPM/1.0	CAMTECH pamphlet on the Siemens electric point machine type BSG-ANTR-9i, its introduction and main parts.		CAMTECH	Live
Maintenance Handbook on Public Address System	CAMTECH/S/PROJ/12-13/HB-PA/1.0 (12.2012)	CAMTECH handbook on public address systems covering microphones, loudspeakers, amplifiers, wiring, maintenance and fault finding.	2012-12	CAMTECH	Live
Handbook on Optical Fibre Cable Jointing	CAMTECH/S/PROJ/13-14/OFC/1.0 (12.2013)	CAMTECH handbook on optical fibre cable construction and jointing.	2013-12	CAMTECH	Live
Maintenance Handbook on SMPS Power Plant for Telecom Installations (Amara	CAMTECH/S/PROJ/16-17/HB-SMPS/1.0	CAMTECH handbook on 48 V DC SMPS power plants for telecom installations to RDSO/SPN/TC/23/99,		CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Raja make)		with the Amara Raja AR-4 system as example.			
Maintenance Handbook on Power Supply Unit for Telecom Installations at Way Side Stations in 25 kV Area	CAMTECH/S/PROJ/2011-12/HB-PS.1.0	CAMTECH handbook on power supply units for telecom installations at way side stations in electrified areas, covering several makes.	2012-05	CAMTECH	Live
Maintenance Handbook on Automatic Signalling	CAMTECH/S/PROJ/2012-13/HB-AUTOSIG/2.0	CAMTECH maintenance handbook on automatic signalling, covering automatic stop signals, track circuits, control circuits, aspect control and level crossing gates in automatic sections.	2013-07	CAMTECH	Live
Handbook on Maintenance of Digital Axle Counters (AzLS, AzLM, AzS350U, DACF 710A/P, G36)	CAMTECH/S/PROJ/2012-13/HB-DAC(M)/1.0	CAMTECH handbook on maintenance of digital axle counters of Eldyne, Siemens, CEL and GG Tronics, in vendor-specific sections.	2013-02	CAMTECH	Live
Maintenance Handbook on Audio Frequency Track Circuit	CAMTECH/S/PROJ/2013-14/HB-AFTC/2.0	CAMTECH maintenance handbook for signal maintenance staff on audio frequency track circuits used at stations and in block and automatic signalling sections.	2013-05	CAMTECH	Live
Handbook on Troubleshooting of Digital Axle Counters (AzLS, AzLM, AzS350U, DACF 710A/P, G36)	CAMTECH/S/PROJ/2013-14/HB-DAC(T)	CAMTECH handbook on diagnostics and troubleshooting of digital axle counters of several makes.	2013-09	CAMTECH	Live
A Pocket Book on Maintenance of LED Signal	CAMTECH/S/Proj/2013-14/PB-LEDS/1.0	CAMTECH pocket book for signal maintenance staff covering operating parameters, installation, maintenance and do's and don'ts of LED signals.	2013-10	CAMTECH	Live
Handbook on Installation of Digital Axle Counters (Eldyne AzLS/AzLM, Siemens AzS350U, CEL DACF 710A/P, GG Tronics G36)	CAMTECH/S/PROJ/2014-15/HB-DAC(I)/1.0	CAMTECH handbook with vendor-specific installation guidelines for digital axle counters of RDSO approved firms.	2014-10	CAMTECH	Live
Review Handbook on Electric Lifting Barrier with Emergency Sliding Boom	CAMTECH/S/PROJ/2014-15/HB-ELBESB/3.0	CAMTECH review handbook on electric lifting barrier with emergency sliding boom, for maintainers and construction staff.	2014-09	CAMTECH	Live
Pamphlet on Role of Telecom Department during Accidents	CAMTECH/S/PROJ/2015-16	CAMTECH pamphlet on the role of the telecom department during train accidents, including communication at the accident site.	2015-09	CAMTECH	Live
Pamphlet on Surveillance System (CCTV)	CAMTECH/S/PROJ/2015-16	CAMTECH pamphlet on analog camera CCTV surveillance systems for railway stations: requirements, setup, camera types and storage.	2015-09	CAMTECH	Live
Handbook on Study of Data Logger Report	CAMTECH/S/PROJ/2015-16/HB-DL/1.0	CAMTECH handbook on studying data logger reports, including failures related to operation and engineering departments.	2015-08	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance Handbook on Frauscher ACS2000 Multi Section Digital Axle Counter	CAMTECH/S/PROJ/2015-16/ MHB-F-MSDAC/1.0	CAMTECH maintenance handbook on the Frauscher ACS 2000 multi section digital axle counter covering overview, installation, maintenance, troubleshooting and precautions.	2016-03	CAMTECH	Live
Maintenance Handbook on Route Relay Interlocking (Metal to Metal Relays)	CAMTECH/S/PROJ/2015-16/ MHB-RRI-MM/1.0	CAMTECH handbook on route relay interlocking with metal to metal relays, covering relay operation, point groups, semi automatic signals and troubleshooting.	2016-02	CAMTECH	Live
Pamphlet on SMPS Power Plant for Telecom Installations	CAMTECH/S/PROJ/2015-16/ PAMPH/SMPS/TELE1.0	CAMTECH pamphlet on specification, maintenance and adjustments of 48 V DC SMPS power plant for telecom equipment.	2015-10-23	CAMTECH	Live
Maintenance Handbook on CEL DACF-720P High Availability Single Section Digital Axle Counter	CAMTECH/S/PROJ/2016-17/HB-CEL-HASSDAC/1.0	CAMTECH maintenance handbook on the CEL DACF-720P high availability single section digital axle counter, covering components, installation and maintenance.	2017-01	CAMTECH	Live
Handbook on Signalling Symbols & Terminology	CAMTECH/S/PROJ/2016-17/HB-SIG-SYM/1.0	CAMTECH handbook of symbols and terminology used in railway signalling, including colour light signals, relay interlocking and semaphore signals.	2016-11	CAMTECH	Live
Handbook on Signalling Tools	CAMTECH/S/PROJ/2016-17/HB-SIG-Tools/1.0	CAMTECH handbook on signalling tools covering semaphore and colour light signals, symbols, relays and relay interlockings.	2016-12	CAMTECH	Live
Handbook on Precautions and Do's & Don'ts for Laying of Signalling Cables	CAMTECH/S/PROJ/2017-18/ SP1/1.0	CAMTECH handbook on precautions and do's and don'ts to be observed while laying signalling cables.	2018-07	CAMTECH	Live
Handbook on Power Supply Systems for Signalling	CAMTECH/S/PROJ/2017-18/ SP5/1.0	CAMTECH handbook on power supply arrangements for railway signalling, including Integrated Power Supply (IPS) systems.	2017-11	CAMTECH	Live
Interactive Question Bank on Route Relay Interlocking	CAMTECH/S/PROJ/2017-18/ SP8/1.0	CAMTECH question bank for S&T personnel to test their knowledge of route relay interlocking.	2018-03	CAMTECH	Live
Handbook on Power Supply Systems for RRI	CAMTECH/S/PROJ/2018-19/ SP3/1.0	CAMTECH handbook on power supply systems for route relay interlocking, including LT power panel, battery bank and charger arrangements.	2018-09	CAMTECH	Live
Monsoon Precautions for S&T Gears	CAMTECH/S/PROJ/2018-19/SP4	CAMTECH calendar of monsoon precautions for S&T gears for SSEs, JEs and signal maintainers, such as drainage, insulated liners and sleepers.	2018-10	CAMTECH	Live
Handbook on Video Conferencing	CAMTECH/S/PROJ/2018-19/ SP6/1.0	CAMTECH handbook on video conferencing, Version 1.0.	2018-12	CAMTECH	Live
Handbook on Troubleshooting of Electronic Interlocking (MICROLOK II and	CAMTECH/S/PROJ/2018-19/ SP7/1.0	CAMTECH handbook on troubleshooting of electronic interlocking systems, covering MICROLOK	2019-01	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
WESTRACE VLM6)		II and WESTRACE VLM6.			
Maintenance Instructions for Integrated Type LED Signals	CAMTECH/S/PROJ/2019-20/ SP2A	CAMTECH maintenance instructions for integrated type LED signals, covering wiring, parameter measurement, maintenance and precautions.	2020-03	CAMTECH	Live
Handbook on Signalling Parameters	CAMTECH/S/PROJ/2019-20/SP3	CAMTECH handbook of signalling parameters covering basics of signalling, general signalling, power supply, colour light signals and relay interlocking.	2019-10	CAMTECH	Live
Maintenance Instructions for Electric Point Machine	CAMTECH/S/PROJ/2019-20/ SP4A	CAMTECH maintenance instructions for electric point machines, covering main parts, periodical maintenance, lubrication, tests and measurements.	2020-03	CAMTECH	Live
Pamphlet on WESTRACE Mark II Electronic Interlocking	CAMTECH/S/PROJ/2019-20/SP5	CAMTECH pamphlet for signal staff describing the WESTRACE Mk2 electronic interlocking architecture and its processor and input modules.	2019-10	CAMTECH	Live
Maintenance Instructions for LED Signals (pocketbook)	CAMTECH/S/PROJ/2019-20/ SP5A	CAMTECH pocketbook of maintenance instructions for LED signals, covering parameters, measurements, earthing, testing and precautions.	2020-03	CAMTECH	Live
Maintenance Instructions for DC Track Circuit	CAMTECH/S/PROJ/2019-20/ SP6A	CAMTECH maintenance instructions on DC track circuits, covering classification, parameters, fail-safe adjustment, maintenance and monsoon precautions.	2020-03	CAMTECH	Live
Pamphlet on Precautions in Laying of Optical Fiber Communication Cables	CAMTECH/S/PROJ/2019-20/SP7	CAMTECH pamphlet on precautions during OFC cable laying: route survey, laying, protection of route and back filling of trenches.	2019-12	CAMTECH	Live
Pocketbook on Online Monitoring of Cable Insulation through Earth Leakage Detector	CAMTECH/S/PROJ/2019-20/ SP9/2.0	CAMTECH pocketbook on installation and operation of the Earth Leakage Detector for online monitoring of signalling cable insulation.	2020-02	CAMTECH	Live
Maintenance Handbook on Block Proving by Axle Counter using UFSBI	CAMTECH/S/PROJ/2020-21/ SP11/1.0	CAMTECH maintenance handbook for signal maintainers on block proving by axle counter using universal fail-safe block interface (UFSBI).	2021-03	CAMTECH	Live
Handbook on Predictive Maintenance Practices for Signalling Assets	CAMTECH/S/PROJ/2020-21/ SP3/1.0	CAMTECH handbook on predictive maintenance practices for signalling assets, for signal engineers.	2020-08	CAMTECH	Live
Handbook on GGTronics High Availability Single Section Digital Axle Counter (HA-SSDAC G36R)	CAMTECH/S/PROJ/2020-21/ SP4/1.0	CAMTECH handbook helping signal personnel maintain the GGTronics G36R high availability single section digital axle counter.	2020-08	CAMTECH	Live
Handbook on IP based Telephone Exchange (Aeonix of TADIRAN make)	CAMTECH/S/PROJ/2020-21/SP6 Version 1.0	CAMTECH handbook on the IP based Aeonix telephone exchange of Tadiran make, covering softswitch based VoIP exchange technology.	2020-10	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance Handbook on Medha MEI633 Electronic Interlocking System	CAMTECH/S/PROJ/2020-21/ SP7/1.0	CAMTECH maintenance handbook acquainting signal staff with the Medha MEI633 electronic interlocking system for maintenance and troubleshooting.	2020-10	CAMTECH	Live
Handbook on Installation & Maintenance Practices of Electric Point Machine 220 mm Throw with Clamp Type Lock for Thick Web Switch	CAMTECH/S/PROJ/2020-21/ SP8/3.0	CAMTECH handbook on installation and maintenance of 220 mm throw electric point machines with clamp type lock for thick web switches.	2020-12	CAMTECH	Live
An Introductory Handbook on Communications Based Train Control (CBTC)	CAMTECH/S/PROJ/2020-21/ SP9/1.0	Introductory handbook for Indian Railways S&T engineers on Communications Based Train Control (CBTC), a radio-based train control system used in metro railways.	2021-02	CAMTECH	Live
An Introductory Handbook on Centralized Traffic Control (CTC)	CAMTECH/S/PROJ/2021-22/ CTC/1.0	Introductory handbook for S&T engineers on Centralized Traffic Control, covering remote control of signals, points and routes of a section from one location.	2022-02	CAMTECH	Live
An Introductory Handbook on IP MPLS Technology	CAMTECH/S/PROJ/2021-22/SP 37A	Introductory handbook on IP-MPLS technology for Railway telecom backbone: overview, system architecture, components and implementation in Indian Railways.	2021-11	CAMTECH	Live
Setting of Reference Leakage Resistance in Earth Leakage Detector	CAMTECH/S/PROJ/2021-22/ SP1/1.0	CAMTECH handbook for SSEs/JEs (Signal) and signal maintainers on setting the reference leakage resistance in earth leakage detectors.	2021-06	CAMTECH	Live
Handbook on TETRA Technology & its Applications in Indian Railways	CAMTECH/S/PROJ/2021-22/ SP3/1.0	CAMTECH handbook on TETRA technology and its applications in Indian Railways.	2021-08	CAMTECH	Live
Handbook on Installation & Maintenance Practices of Glued Insulated Rail Joints for Track Circuits	CAMTECH/S/PROJ/2021-22/ SP4/1.0	CAMTECH handbook on components, manufacture, testing, installation and maintenance of glued insulated rail joints used in track circuits.	2021-09	CAMTECH	Live
Handbook on Interlocking & Functional Testing of Panel, Route Relay & Electronic Interlocking	CAMTECH/S/PROJ/2021-22/ SP5/1.0	CAMTECH handbook with guidelines and step by step procedures for testing panel, route relay and electronic interlocking.	2021-09	CAMTECH	Live
Handbook on LTE Network & its Applications in Indian Railways	CAMTECH/S/PROJ/2021-22/SP6	CAMTECH handbook introducing LTE technology, system architecture and its design and deployment in Indian Railways.	2021-10	CAMTECH	Live
Pamphlet on Integrated Passenger Information System (IPIS), Rev 04	CAMTECH/S/PROJ/2021-22/ SP6A	CAMTECH pamphlet for S&T maintenance staff on the Integrated Passenger Information System, based on RDSO/SPN/TC/61/2015 Rev 04.	2021-06	CAMTECH	Live
Pamphlet on VoIP Based Train Control	CAMTECH/S/PROJ/2021-22/	CAMTECH pamphlet on VoIP based train control	2021-08	CAMTECH	Live

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Communication System	SP8A	communication system, referring to RDSO specification RDSO/SPN/TC/99/2012 Rev 2.			
Booklet on Telecom Cables used in Indian Railways	CAMTECH/S/PROJ/2022-23/SP 16A	CAMTECH booklet on telecom cables used in Indian Railways: paired cables, PIJF underground cables and quad cables.	2022-07	CAMTECH	Live
A Guide for Comprehension of Fault Logic, Alarms and Exception Reports of Data Logger	CAMTECH/S/PROJ/2022-23/ SP07/DLR	CAMTECH guide for signal maintainers explaining fault logic, alarms and exception reports of signalling data loggers.	2022-10	CAMTECH	Live
Booklet on IT/Cyber Security - Best Practices	CAMTECH/S/PROJ/2022-23/ SP2A	CAMTECH booklet on IT and cyber security best practices and common cyber threats.	2022-04	CAMTECH	Live
Booklet on IP Based Video Surveillance System	CAMTECH/S/PROJ/2022-23/ SP8A	CAMTECH booklet on IP based video surveillance systems, including IP camera features.	2022-05	CAMTECH	Live
Handbook on Fundamentals of Wireless Networks (Wi-Fi Systems) and their Applications in Indian Railways	CAMTECH/S/PROJ/2023-24/ SP10A	CAMTECH handbook on the fundamentals of Wi-Fi wireless networks and their applications in Indian Railways, for S&T telecom officials and maintenance staff.	2024-02	CAMTECH	Live
Handbook on Safety Precautions & Installation / Maintenance Guidelines for Level Crossing Gates	CAMTECH/S/PROJ/2023-24/ SP11A	CAMTECH handbook on safety precautions and installation and maintenance guidelines for level crossing gates.	2024-03	CAMTECH	Live
Handbook on Indian Railway Standard Drawings & Specifications for Signalling	CAMTECH/S/PROJ/2023-24/ SP2A	CAMTECH handbook on standard drawings and specifications for signalling, covering plans for new and working installations with references to the Signal Engineering Manual.	2023-05	CAMTECH	Live
Handbook on Fuses & their Applications in Railway Signalling	CAMTECH/S/PROJ/2023-24/ SP5A	CAMTECH handbook on fuses, their classification and applications in railway signalling, for SSE/JE (Signal) and signal maintainers.	2023-08	CAMTECH	Live
Lightning and Surge Protection Arrangements in Integrated Power Supply for Signalling Installations	CAMTECH/S/PROJ/SP1A/2022-23	CAMTECH booklet on lightning and surge protection arrangements in IPS for signalling installations, for SSE/JE (Signal) and signal maintainers.	2022-04	CAMTECH	Live
Pamphlet on Amplifier Equalizer System	CAMTECH/ST/PROJ/2012-13/ AMPEQ/1.0	CAMTECH pamphlet on the amplifier and equalizer used in quad cable based control communication, with features and precautions.	2012-11	CAMTECH	Live
Electronic Interlocking Maintenance Instructions Series II - WESTRACE VLM6	CAMTECH/S/PROJ/2014-15/HB-EI-MIS/1.0	CAMTECH maintenance instructions handbook for the WESTRACE VLM6 electronic interlocking system.	2015-01	CAMTECH	Live
Guidelines on Handling of Tools Used for Maintenance of Signalling Equipment	CAMTECH/S/PROJ/SP9A/2022-23	CAMTECH guidelines for JE/Technician (Signal) on handling tools used in signalling equipment maintenance.	2022-05	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Guidelines on Interface Design of Electronic Interlocking Installation	CAMTECH/S&T/2022-23/ID-EI/1.0	CAMTECH guidelines on interface design of electronic interlocking installations for signal engineers.	2022-12	CAMTECH	Live
Guidelines on Lightning and Surge Protection for Telecom Installations	CAMTECH/S/PROJ/2023-24/SP3A	CAMTECH guidelines on lightning and surge protection for telecom installations.	2023-06	CAMTECH	Live
Handbook on Automatic Signalling with MSDAC using OFC Cable	CAMTECH/S/PROJ/2021-22/SP2/1.0	CAMTECH handbook on automatic signalling with multi section digital axle counter using OFC cable.	2021-08	CAMTECH	Live
Handbook on Brief Overview of Media Diversity and its Applications in S&T	CAMTECH/S&T/2025-26/MDAST/1.0	CAMTECH handbook giving a brief overview of media diversity and its applications in S&T.	2025-10	CAMTECH	Live
Handbook on Broadband Internet on Running Trains through Satellite Communication	CAMTECH/S&T/2022-23/BIRTSC/1.0	CAMTECH handbook on broadband internet on running trains through satellite communication.	2022-11	CAMTECH	Live
Handbook on Cable Fault Localization	CAMTECH/S/PROJ/2020-21/SP1/1.0	CAMTECH handbook on cable fault localization for SSE, JE and maintainers of S&T.	2020-04	CAMTECH	Live
Handbook on Cable Fault Locator Equipments (OTDR)	CAMTECH/S&T/2024-25/OTDR/1.0	CAMTECH handbook on cable fault locator equipment (OTDR).	2025-01	CAMTECH	Live
Handbook on Cabling and Networking Requirements in Electronic Interlocking Installations	CAMTECH/S&T/2023-24/C&N-EI/1.0	CAMTECH handbook on cabling and networking requirements in electronic interlocking installations.	2024-01	CAMTECH	Live
Handbook on Condition Monitoring of Signalling Assets	CAMTECH/S/PROJ/2017-18/SP7/1.0	CAMTECH handbook on condition based monitoring of signalling assets.	2018-02	CAMTECH	Live
Handbook on Digital Clock with GPS Synchronization	CAMTECH/S/PROJ/14-15/DIGICL/1.0 (08.2014)	CAMTECH handbook on digital clocks with GPS synchronization for control rooms.	2014-08	CAMTECH	Live
Handbook on Double Line Block Instrument (SGE Type)	CAMTECH Handbook	CAMTECH handbook describing the double line block instrument used for double line block working.		CAMTECH	Staged (SECR HQ library)
Handbook on Earthing and Surge Protection Requirements in Signalling Installations	CAMTECH/S&T/2023-24/ESP/1.0	CAMTECH handbook on earthing and surge protection requirements in signalling installations.	2024-03	CAMTECH	Live
Handbook on Elephant Intrusion Detection System	CAMTECH/S&T/2025-26/TELE-EIDS/1.0	CAMTECH handbook on the elephant intrusion detection system of Indian Railways.		CAMTECH	Live
Handbook on Flowcharts for RRI Siemens	CAMTECH/S/PROJ/2013-14/FCRRIS/1.0	CAMTECH handbook of flowcharts and relay operation sequences for Siemens route relay interlocking.	2014-01	CAMTECH	Live
Handbook on Guidelines for Lightning & Surge Protection in S&T Installations	CAMTECH Handbook 03.2026	CAMTECH handbook on lightning and surge protection, earthing and bonding arrangements for signalling installations as per Railway Board and	2026-03	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		RDSO guidelines.			
Handbook on Installation and Maintenance of Electric Lifting Barrier	CAMTECH/S/PROJ/2021-22/SP7	CAMTECH handbook on installation and maintenance of electric lifting barriers.	2021-12	CAMTECH	Live
Handbook on Signal Tools	CAMTECH Handbook	CAMTECH handbook on modern tools and equipment for the signalling discipline.		CAMTECH	Staged (SECR HQ library)
Handbook on Tokenless Single Line Block Instrument, Push Button Type	CAMTECH Handbook	CAMTECH handbook on tokenless push button type block instrument for single line, per IRS specification S 32/66.		CAMTECH	Staged (SECR HQ library)
List of CAMTECH Handbooks as on January 2014	CAMTECH Handbook 01.2014	List of CAMTECH publications by discipline, including 2013-14 up to January 2014.	2014-01	CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on 2 Mbps Primary Digital Multiplexing Equipment (PUNCOM)	CAMTECH Handbook	CAMTECH maintenance handbook on 2 Mbps primary digital multiplexing equipment (PUNCOM).		CAMTECH	Staged (SECR HQ library)
Pamphlet on AC Track Circuit	Unnumbered	Pamphlet on AC track circuits with parameters, symptoms and remedies.			Staged (SECR HQ library)
Pamphlet on Air Suspension System for FIAT Bogie	Unnumbered	Pamphlet introducing the air suspension system used with FIAT bogies in mainline coaches.			Staged (SECR HQ library)
Pamphlet on Bio-Toilet for Maintenance in Coaching Depots	Unnumbered	Pamphlet on monitoring and maintenance of IR-DRDO bio-toilets for coach maintenance staff.			Staged (SECR HQ library)
Pamphlet on Driving Instructions for 8 Wheeler DETC Drivers	Unnumbered	Pamphlet with driving and shutting off instructions for 8 wheeler DETC cars.			Staged (SECR HQ library)
Pamphlet on Earthing Arrangement	Unnumbered	Pamphlet on the objectives and arrangement of earthing for signalling equipment.			Staged (SECR HQ library)
Pamphlet on IRS Electric Point Machine	Unnumbered	Pamphlet on installation, adjustment, testing and maintenance of the IRS electric point machine.			Staged (SECR HQ library)
Pamphlet on Lead Acid Cell	Unnumbered	Pamphlet describing the construction and parts of a lead acid cell.			Staged (SECR HQ library)
Pamphlet on Long Haul Train Operation	Unnumbered	Pamphlet on technical requirements and operating precautions for long haul train operation.			Staged (SECR HQ library)
Pamphlet on Neutral Section Maintenance	Unnumbered	Pamphlet on neutral sections in overhead equipment and their maintenance.			Staged (SECR HQ library)
Pamphlet on Precautions, Do's & Don'ts for Signalling Cables	Unnumbered	Pamphlet on installation, laying and precautions for signalling cables.			Staged (SECR HQ library)
Pamphlet on Pull Lift	Unnumbered	Pamphlet on ratchet lever hoist (pull lift) used for maintenance of overhead traction lines.			Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Pamphlet on Relay Room Precautions, Do's & Don'ts	Unnumbered	Pamphlet of precautions for supervisors and artisan staff of S&T department in maintaining the relay room.			Staged (SECR HQ library)
Pamphlet on Safety at Workplace in Workshops	Unnumbered	Pamphlet on safety organisation and safe working practices in workshops.			Staged (SECR HQ library)
Pamphlet on Safety Precautions while Working on Tower Wagon	Unnumbered	Pamphlet on authorization, movement and driving precautions for tower wagons.			Staged (SECR HQ library)
Pamphlet on Schedule of Dimensions	Unnumbered	Pamphlet on schedule of dimensions important to S&T staff for installations near the track.			Staged (SECR HQ library)
Pamphlet on SMPS Based Integrated Power Supply	Unnumbered	Pamphlet on the modules of SMPS based integrated power supply used for railway signalling.			Staged (SECR HQ library)
Pamphlet on Water Raising Mono-block Pump of RMPU AC Coaches	Unnumbered	Pamphlet on the mono-block water raising pumps used in AC coaches.			Staged (SECR HQ library)
Quick Reference Guide for Siemens ACM 200 Axle Counting System	CAMTECH 04.2023	CAMTECH quick reference guide in Hindi for the Siemens ACM 200 axle counting system, for SSE/JE (Signal) and signal maintainers.	2023-04	CAMTECH	Live
Safety Pamphlet on Movement of ODC in Electrified Section	Unnumbered	Safety pamphlet on movement of over-dimensioned consignments in electrified sections.			Staged (SECR HQ library)
Testing and Meggering of Signalling Cables (Pamphlet)	CAMTECH	CAMTECH pamphlet on meggering of signalling cables to test conductor continuity and insulation.		CAMTECH	Live

Zonal training & handbooks (88)

Title	Doc no.	Subject	Issued	Issuer	Status
Auto Signalling - STTC Nainpur Presentation	STTC Nainpur (SECR) Handbook 28.08.2022	Training presentation on auto signalling from STTC Nainpur study material; text extracted is mostly slide template.	2022-08-28	STTC Nainpur (SECR)	Live
Data Logger - STTC Nainpur Training Slides	STTC Nainpur (SECR) Handbook	Training slides on data loggers from STTC Nainpur.		STTC Nainpur (SECR)	Live
Power Supply for Signalling: Secondary Cells (NIR)	STTC Nainpur (SECR) Notes S9 Ver 1.0 (22.09.2020)	Training notes on power supply for signalling, covering primary and secondary cells, lead acid and alkaline batteries and capacity.	2020-09-22	STTC Nainpur (SECR)	Live
Signal ST-17 - Double Wire Signalling (Study Material)	Handbook	Study material on double wire signalling in Hindi.			Live
Signal ST-32 - Single Wire Signalling (Study Material)	Handbook	Study material on single wire signalling in Hindi.			Live

Title	Doc no.	Subject	Issued	Issuer	Status
Signal Troubleshooting Guide	STTC Gorakhpur Handbook 2019	Signal failure troubleshooting guide with a staff details proforma, from the signalling quality handbook notes.	2019	STTC Gorakhpur (North Eastern Railway)	Live
General Signalling	STTC Gorakhpur Handbook ST-01	General study material on the S&T department organisation and signalling.		STTC Gorakhpur (North Eastern Railway)	Live
Cleanliness, Personal Safety and Fire Prevention	STTC Gorakhpur Handbook ST-02	Study material on cleanliness, personal safety and fire prevention.		STTC Gorakhpur (North Eastern Railway)	Live
Power Equipment, Cells, Batteries, IPS, DG Set and Solar Panel	STTC Gorakhpur Handbook ST-04	Study material on power equipment, cells and batteries, IPS, DG sets and solar panels.		STTC Gorakhpur (North Eastern Railway)	Live
Basic Electricity and Magnetism	STTC Gorakhpur Handbook ST-05	Study material on basic electricity and magnetism: Ohm's law, resistance, fuses, earth resistance, capacitors, inductors, transformers.		STTC Gorakhpur (North Eastern Railway)	Live
Telephone Instruments	STTC Gorakhpur Handbook ST-10	Study material on telephone instruments from the Signal and Telecom Training Centre, Gorakhpur, North Eastern Railway.		STTC Gorakhpur (North Eastern Railway)	Live
Basic Concept of Signalling	STTC Gorakhpur Handbook ST-15	Study material on basic signalling concepts, definitions, station sections, signal types and interlocking standards.		STTC Gorakhpur (North Eastern Railway)	Live
Signal Reverser	STTC Gorakhpur Handbook ST-17	Study material on signal reversers.		STTC Gorakhpur (North Eastern Railway)	Live
Track Circuits	STTC Gorakhpur Handbook ST-20	Study material on track circuit classification, components, ballast and rail resistance and parameters.		STTC Gorakhpur (North Eastern Railway)	Live
Colour Light Signals and LED Signals	STTC Gorakhpur Handbook ST-21	Study material on colour light signals and LED signals.		STTC Gorakhpur (North Eastern Railway)	Live
Electric Point Machine	STTC Gorakhpur Handbook 2017 ST-22	Study material on electric point machines (IRS type), per the file name and hints.	2017	STTC Gorakhpur (North Eastern Railway)	Live
Panel Interlocking, Siemens Type (STTC Study Material)	STTC Nainpur Handbook ST-23(b)	Hindi study material on Siemens type panel interlocking for railway signalling.		STTC Nainpur	Live
Neale's Ball Token Block Instrument	STTC Gorakhpur Handbook ST-25(a)	Study material on the Neale's ball token block instrument and general rules of block instruments.		STTC Gorakhpur (North Eastern	Live

Title	Doc no.	Subject	Issued	Issuer	Status
				Railway)	
Single Line Tokenless Block Instrument (DCC Make)	STTC Gorakhpur Handbook ST-25(b)	Study material on the single line tokenless block instrument, DCC make.		STTC Gorakhpur (North Eastern Railway)	Live
Double Line Block Instrument (SGE)	STTC Gorakhpur Handbook ST-25(c)	Study material on the double line block instrument covering features, working, parameters, testing and maintenance.		STTC Gorakhpur (North Eastern Railway)	Live
Universal Fail Safe Block Interface (UFSBI), Deltron Make	STTC Gorakhpur Handbook ST-25(d)	Study material on the UFSBI push button block instrument, Deltron make.		STTC Gorakhpur (North Eastern Railway)	Live
Intermediate Block Signalling (IBS), Hindi training notes	Signal & Telecom Training Centre, Sabarmati Ahmedabad ST-26	Hindi training notes on intermediate block signalling, covering IBS features, requirements, panel and relays, based on IRISET notes.		Signal & Telecom Training Centre, Sabarmati Ahmedabad	Live
Signalling in 25 kV Traction Area	STTC Gorakhpur Handbook ST-26	Study material on signalling in 25 kV AC electrified (RE) areas.		STTC Gorakhpur (North Eastern Railway)	Live
Automatic Block Signalling	STTC Gorakhpur Handbook ST-27	Study material on the automatic block signalling system and its requirements.		STTC Gorakhpur (North Eastern Railway)	Live
Signal Interlocking	STTC Handbook ST-28	Hindi study material on signal interlocking, starting with Chapter 1, an introduction to interlocking.		STTC	Live
Route Relay Interlocking	ST-29	Hindi training notes on route relay interlocking, covering the system used for big and junction stations as compared with panel interlocking.			Live
Electronic Interlocking (Medha)	STTC Gorakhpur Handbook ST-31	Study material on the Medha MEI 633 electronic interlocking system and data logger.		STTC Gorakhpur (North Eastern Railway)	Live
AWS, TPWS, TCAS	STTC Gorakhpur Handbook ST-32	Study material on the Auxiliary Warning System, TPWS and TCAS from the Signal and Telecom Training Centre, Gorakhpur.		STTC Gorakhpur (North Eastern Railway)	Live
Electronic and IP Exchange	STTC Gorakhpur Handbook ST-46	Training notes on electronic and IP telephone exchanges and NGN connectivity.		STTC Gorakhpur (North Eastern Railway)	Live
HF and VHF Communication	STTC Gorakhpur Handbook ST-56	Training notes on HF and VHF radio communication.		STTC Gorakhpur (North Eastern Railway)	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Computer Appreciation	STTC Handbook ST-7	Training chapter on computers in general: characteristics, generations and basic structure of a computer.		STTC	Live
Measuring Instruments and Use of Hand and Portable Tools	STTC Gorakhpur Handbook ST-03(A)	Hindi training notes on measuring instruments and the use of hand and portable tools.		STTC Gorakhpur (North Eastern Railway)	Live
Power Plant (Primary and Secondary Cells)	STTC Gorakhpur Handbook ST-04	Hindi training notes on power plant and cells, covering primary cells such as the Leclanche cell and secondary cells such as lead acid and alkaline cells.		STTC Gorakhpur (North Eastern Railway)	Live
Electronic Instruments	STTC Gorakhpur Handbook ST-09	Hindi training notes on semiconductors, P-N junction, transistors, diodes, FET, SCR, UJT, integrated circuits and filter circuits.		STTC Gorakhpur (North Eastern Railway)	Live
Orthodox Mechanical Signalling	STTC Gorakhpur Handbook ST-16	Hindi training notes on orthodox mechanical signalling, including interlocking frames of direct locking and catch handle types.		STTC Gorakhpur (North Eastern Railway)	Live
Inter Slotting, Electrical Key Transmitter and Electrical Point Indicator	STTC Gorakhpur Handbook ST-18	Training notes on inter slotting, electrical key transmitter and electrical point detector, covering circuits, construction, maintenance and fault finding.		STTC Gorakhpur (North Eastern Railway)	Live
Relay and Cable	STTC Gorakhpur Handbook ST-19	Hindi training notes on relays and cables, covering relay classification, AC and DC relays, shelf and plug-in type, track and line relays and flasher relays.		STTC Gorakhpur (North Eastern Railway)	Live
Panel Interlocking	STTC Gorakhpur Handbook 2018 ST-23(A)	Hindi training book on panel interlocking issued by STTC Gorakhpur, referring to IRSEM provisions.	2018	STTC Gorakhpur (North Eastern Railway)	Live
Axle Counter and Block Proving by Axle Counter (BPAC)	STTC Gorakhpur Handbook ST-24	Training notes on axle counters, their applications and advantages over track circuits, and block proving by axle counter.		STTC Gorakhpur (North Eastern Railway)	Live
Electro Mechanical Signalling	STTC Gorakhpur Handbook ST-30	Hindi training notes on electro-mechanical signalling.		STTC Gorakhpur (North Eastern Railway)	Live
PA System	STTC Gorakhpur Handbook ST-45	Hindi training notes on the public address system used at railway stations.		STTC Gorakhpur (North Eastern Railway)	Live
Mobile Train Radio Communication and LTE	STTC Gorakhpur Handbook ST-47	Training notes on mobile train radio communication on Indian Railways, covering VHF, TETRA and cellular mobile radio systems.		STTC Gorakhpur (North Eastern Railway)	Live
UTS and PRS	STTC Gorakhpur Handbook ST-48	Hindi training notes on devices and networks used in		STTC Gorakhpur	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		the passenger reservation system, including dumb terminals, terminal server and switch.		(North Eastern Railway)	
Train Traffic Control	STTC Gorakhpur Handbook ST-49	Hindi training notes on train traffic control communication.		STTC Gorakhpur (North Eastern Railway)	Live
Digital Process (Digital Electronics)	STTC Gorakhpur Handbook ST-52	Hindi training notes on digital electronics covering number systems, logic gates, Boolean algebra, codes, flip-flops, registers, counters and memories.		STTC Gorakhpur (North Eastern Railway)	Live
STTC Nainpur Training Module - Automatic Signalling	STTC Nainpur (SECR) Handbook	Training module on automatic signalling: definition, design, installation, maintenance, fault rectification and train operation during failures, with G&SR provisions.		STTC Nainpur (SECR)	Live
STTC Sabarmati - Panel Interlocking	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on panel interlocking.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati - Telephone Instrument	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati notes in Hindi on telephone instruments including the magneto telephone.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-01 - Foundation (Railway Establishment)	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati foundation notes in Hindi on Indian Railways and general railway establishment topics.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-02 - Cleanliness, Personal Safety, Fire Prevention and First Aid	STTC Sabarmati (Western Railway) Handbook 09.2020	STTC Sabarmati study notes in Hindi on cleanliness, personal safety, fire prevention and first aid.	2020-09	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-03 - Measuring Instruments and Tools	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati notes in Hindi on measuring instruments and tools such as meters, megger, oscilloscope, OTDR and splicing machine.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-04 - Power Supply (Signalling)	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati signalling study notes on power supply including cells, batteries and IPS.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-04 - Power Supply in Telecom	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati telecom study notes in Hindi on power supply, starting with cells and batteries.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-05 - Basic Electrical and Electromagnetics (Telecom)	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati telecom study notes in Hindi on basic electricity and electromagnetics.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-05 - Basic Electricity and Magnetism (Signalling)	STTC Sabarmati (Western Railway) Handbook 03.2017	STTC Sabarmati signalling study notes in Hindi on basic electricity and magnetism.	2017-03	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-06 - Safety in Train Operation, Disaster Management and Schedule of Dimensions	STTC Sabarmati (Western Railway) Handbook 03.2018	STTC Sabarmati study notes in Hindi on safety in train operation, disaster management and schedule of dimensions.	2018-03	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-07 - Computer	STTC Sabarmati (Western	STTC Sabarmati study notes in Hindi introducing		STTC Sabarmati	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Appreciation	Railway) Handbook	computers.		(Western Railway)	
STTC Sabarmati ST-09 - Electronic Components	Signal & Telecom Training Centre, Sabarmati (Western Railway) Handbook	Training notes from STTC Sabarmati on electronic components such as diodes (Hindi).		Signal & Telecom Training Centre, Sabarmati (Western Railway)	Live
STTC Sabarmati ST-15 - Basic Concept of Signalling	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on the basic concept of signalling.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-16 - Orthodox Mechanical Signalling	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on orthodox mechanical signalling.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-18 - Lever Lock, Circuit Controller, Electric Signal Reverser, Arm and Light Repeater	STTC Sabarmati (Western Railway) Handbook 11.2015	STTC Sabarmati study notes in Hindi on lever lock and circuit controller, electric signal reverser, arm and light repeater.	2015-11	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-19 - ED, EKT, Inter-slotting and ELB	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on ED, EKT, inter-slotting and ELB.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-20 - Relays	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on signalling relays.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-21 - Track Circuits	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on track circuits including AFTC.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-22 - Signal Machine and Solar Panel	STTC Sabarmati (Western Railway) Handbook 04.2017	STTC Sabarmati study notes in Hindi on signal machines and solar panels, based on IRISET and CAMTECH notes.	2017-04	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-23 - Colour Light Signals	STTC Sabarmati (Western Railway) Handbook 02.2016	STTC Sabarmati study notes in Hindi on colour light signals, based on IRISET Secunderabad and CAMTECH Gwalior notes.	2016-02	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-23 - Data Logger	STTC Sabarmati (Western Railway) Handbook 07.2019	STTC Sabarmati study notes in Hindi on data loggers.	2019-07	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-24 - Point Machine	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes in Hindi on point machines.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-26B - Axle Counter	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on axle counters.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-28 - Single Line Tokenless Block Instrument	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes on the single line tokenless block instrument.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-29	STTC Sabarmati (Western Railway) SGE Double Line Block Instrument (IRS S22) (08.2019)	STTC Sabarmati study notes in Hindi on the SGE double line block instrument, referring to specification IRS S22.	2019-08	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-30 - Signalling in 25 kV	STTC Sabarmati (Western	STTC Sabarmati study notes in Hindi on signalling in	2019-03	STTC Sabarmati	Live

Title	Doc no.	Subject	Issued	Issuer	Status
AC RE Area	Railway) Handbook 03.2019	25 kV AC electrified areas, based on SEM and IRISET notes and policy circulars.		(Western Railway)	
STTC Sabarmati ST-31 - Automatic Signalling, AWS, TPWS, ACD and Twin Single Line	STTC Sabarmati (Western Railway) Handbook 03.2016	STTC Sabarmati study notes in Hindi on automatic signalling, AWS, TPWS, ACD and twin single line, based on IRISET Secunderabad notes and the UFSBI manual.	2016-03	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-33 and ST-34 - Route Relay Interlocking (RRI)	STTC Sabarmati (Western Railway) Handbook 09.2016	STTC Sabarmati study notes in Hindi on route relay interlocking, based on IRISET and CAMTECH notes.	2016-09	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-35 - Electromechanical Signalling and Selection Circuit	STTC Sabarmati (Western Railway) Handbook 08.2015	STTC Sabarmati study notes in Hindi on electromechanical signalling and selection circuits, based on IRISET and CAMTECH notes.	2015-08	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-36 - Block Proving Axle Counter (BPAC)	STTC Sabarmati (Western Railway) Handbook 10.2015	STTC Sabarmati study notes in Hindi on block proving axle counters, based on IRISET notes and the UFSBI manual.	2015-10	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-37B - Electronic Interlocking	STTC Sabarmati (Western Railway) Handbook 11.2015	STTC Sabarmati study notes in Hindi on electronic interlocking, based on IRISET and CAMTECH notes.	2015-11	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-45 - Passenger Amenity - Public Address & Passenger Information Systems	Signal & Telecom Training Centre, Sabarmati (Western Railway) Handbook	Training notes from STTC Sabarmati on passenger information, public address, train display and coach guidance systems (Hindi).		Signal & Telecom Training Centre, Sabarmati (Western Railway)	Live
STTC Sabarmati ST-46 - Electronic Exchange	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes in Hindi on telephone exchange basics and SPC exchanges, based on IRISET, CAMTECH and the Telecom Manual.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-48 - Data Communication	Signal & Telecom Training Centre, Sabarmati (Western Railway) Handbook	Training notes from STTC Sabarmati on data communication, OSI model, network topologies and IP addressing (Hindi).		Signal & Telecom Training Centre, Sabarmati (Western Railway)	Live
STTC Sabarmati ST-49 - Train Traffic Control	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes in Hindi on train traffic control (control working), based on IRISET Secunderabad notes.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-50 - Optical Fibre Communication	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati telecom study notes in Hindi on optical fibre communication.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-51 - Amplifier, Oscillator, Modulation and Demodulation	STTC Sabarmati (Western Railway) Handbook 15.08.2020	STTC Sabarmati study notes in Hindi on amplifiers, oscillators, modulation and demodulation, based on CAMTECH Gwalior and IRISET notes.	2020-08-15	STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-53 - Emergency Communication	STTC Sabarmati (Western Railway) Handbook 03.2025	STTC Sabarmati study notes in Hindi on communication at accident sites, S&T department	2025-03	STTC Sabarmati (Western Railway)	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		activities during accidents and disaster management control.			
STTC Sabarmati ST-54 - VSAT Presentation	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati presentation in Hindi on VSAT (very small aperture terminal) satellite data connectivity.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-55 - Video Surveillance Systems (VSS)	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes in Hindi on video surveillance systems with cameras and recording.		STTC Sabarmati (Western Railway)	Live
STTC Sabarmati ST-56 - VHF Communication	STTC Sabarmati (Western Railway) Handbook	STTC Sabarmati study notes in Hindi on VHF communication on Indian Railways, including the 146 to 174 MHz band.		STTC Sabarmati (Western Railway)	Live
Track Circuits - Training Slides (STTC Nainpur / IRISET)	IRISET Handbook	Training slides on train detection by track circuits (DC open, DC closed, AFTC) and their components.		IRISET	Live

Other handbooks & notes (13)

Title	Doc no.	Subject	Issued	Issuer	Status
Automatic Block Signalling (training presentation)	Handbook 15.06.2026	Training presentation introducing the automatic block system, how automatic signalling works, signal types and aspects, and advantages over manual signalling.	2026-06-15		Live
IRICEN Handbook - Signalling for P.Way Engineers, First Edition	IRICEN Pune Handbook 11.2018	IRICEN handbook on signalling for permanent way engineers, first edition.	2018-11	IRICEN Pune	Live
Practice and Preparation of RFID Layout for Kavach (training presentation)	Handbook KAVD-5	Training presentation on Kavach RFID layout design and practice, covering TIN discrimination, turnout and gate tags.			Live
Leave Rules - Kinds of Leave (Accounts Training Wing, Hyderabad)	Accounts Training Wing, Dr. MCR HRDI Hyderabad Handbook	Training note on kinds of leave: casual, special casual, compensatory, earned, half pay and commuted leave.		Accounts Training Wing, Dr. MCR HRDI Hyderabad	Staged (SECR HQ library)
Presentation on IBS (Signalling Notes)	Handbook	Presentation slides on IBS from signalling study material; the extracted text is only slide template text.			Live
Presentation on Railway Signalling Cable	Handbook	Presentation slides on railway signalling cable; the extracted text is only slide template text.			Live
Presentation on Safety and Disaster	Handbook	Presentation slides on safety and disaster from signalling notes; extracted text is only slide template text.			Live
Presentation on Safety in RE Area	Handbook	Presentation slides on safety in railway electrified (RE) areas; extracted text is only slide template text.			Live

Title	Doc no.	Subject	Issued	Issuer	Status
Railway Signal Markers Guide for Loco Pilots	Handbook 16.06.2026	Hindi guide on signal markers on railway signal posts and simple rules for loco pilots to identify signals.	2026-06-16		Live
Single Section Digital Axle Counter (SSDAC) Presentation, RDSO/SPN/177/2012 Ver 3.0	Handbook	Training presentation on the single section digital axle counter, its parts and cards.			Live
Power Supply for Signalling - Integrated Power Supply (presentation)	Handbook ST-4	Presentation on integrated power supply for signalling, covering IPS panels, SMPS charger, inverters, batteries and monitoring.			Live
Rules for S&T Installations: Effect of 25 kV AC Traction and Precautions	training slides Handbook	Training slides on the effect of 25 kV AC traction on S&T equipment and precautions in case of wire breakage.		training slides	Live
User Manual for COST - Capacity Optimization and Simulation Tool (RDSO Sponsored Project at IIT Bombay)	IIT Bombay Handbook 14.02.2019	User manual of a train running simulator for sections with GUI, simulation and timetable comparison, developed at IIT Bombay for RDSO.	2019-02-14	IIT Bombay	RDSO intranet - being processed

Safety & disaster management (32)

Accident & failure reports (3)

Title	Doc no.	Subject	Issued	Issuer	Status
A Report on Signal & Telecom Equipment Failures	CAMTECH/S/PROJ/2019-20/ SP6/1.0	CAMTECH report analysing failure patterns of signalling gears based on signal failure data collected from the Railway Board.	2020-02	CAMTECH	Live
Technical Audit of Failure of Siemens MK-1 Electronic Interlocking at Sasaram, East Central Railway	RDSO Letter RDSO-SIG0EI(TA)/1/2020	RDSO letter to Siemens Rail Automation on the failure of the Siemens MK-1 system at Sasaram and its technical audit.	2022-12-20	RDSO	Live
Technical Audit Report of Failure at Sikroda Station, Jhansi Division, North Central Railway due to Lightning	RDSO 25.01.2019	RDSO technical audit report on the failure of the electronic interlocking at Sikroda station after heavy lightning on 25.01.2019.	2019-01-25	RDSO	Live

Safety instructions (13)

Title	Doc no.	Subject	Issued	Issuer	Status
Pocketbook on Fire Prevention and Safety at S&T Installations	CAMTECH/S/PROJ/2017-18/ SP2/1.0	Pocketbook raising awareness of fire prevention and safety measures at S&T installations.	2017-08	CAMTECH	Live
Safety Guidelines for Signalling Cables	CAMTECH/S/PROJ/2022-23/SP-3A	CAMTECH pamphlet of safety guidelines for SSE/JE and signal maintenance staff working with signalling	2022-04	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		cables.			
Handbook on Duties and Responsibilities of S&T Department during Accidents	CAMTECH Handbook 03.2023	CAMTECH handbook on duties and responsibilities of the S&T department during accidents.	2023-03	CAMTECH	Live
Handbook on Electrical Fires - Causes and Prevention	CAMTECH/E/10-11/El-Fires/1.0	CAMTECH handbook on causes and prevention of electrical fires, for general awareness.		CAMTECH	Staged (SECR HQ library)
Handbook on Fire Retarding Materials	CAMTECH/2014/C/FRM/1.0	CAMTECH handbook on fire retarding materials.	2014-03	CAMTECH	Staged (SECR HQ library)
Handbook on Safety at Work Site	CAMTECH Handbook	CAMTECH handbook on safety of workmen and railway staff at work sites.		CAMTECH	Staged (SECR HQ library)
Ensuring Safety of Signalling System	Railway Board Letter No. 2020/Sig/21/SafetyPerformance	Railway Board letter to General Managers reiterating instructions on disconnection and reconnection protocols, emergency operation facilities and analysis of repetitive signal incidences.	2025-05-30	Railway Board	Live
Safety of Signalling System	SECR S&T Policy Letter No. 376 (28.02.2006)	SECR S&T letter forwarding a CSO letter and Railway Board instruction on safety of the signalling system and relay room door interlocking.	2006-02-28	South East Central Railway	Staged (SECR HQ library)
Non-Interlocking (NI) Working - Precautions to be Taken	SECR S&T Policy Letter No. 388 (10.05.2012)	SECR S&T letter forwarding a Railway Board letter on precautions to be taken during non-interlocked working.	2012-05-10	South East Central Railway	Staged (SECR HQ library)
Stabling of Load on Main Line of Stations Situated on Gradients	SECR S&T Policy Letter No. 591 (31.05.2012)	SECR S&T letter forwarding a Railway Board letter on stabling of loads on main lines at stations on gradients.	2012-05-31	South East Central Railway	Staged (SECR HQ library)
Securing of Vehicles, Loads, Trains and Locomotives at Stations and in Block Section	SECR S&T Policy Letter No. 592 (31.05.2012)	SECR S&T letter forwarding a Railway Board letter on securing of vehicles, loads, trains and locomotives.	2012-05-31	South East Central Railway	Staged (SECR HQ library)
Safety Department - Booklet on Accident Management for Supervisors and Staff	South Eastern Railway 02.2026	Safety Department booklet on accident management for running and maintenance supervisors and staff.	2026-02	South Eastern Railway	Live
Safety in Train Operation, Schedule of Dimensions, Disaster Management	STTC Gorakhpur ST-06	Hindi training notes on rules applicable to railway servants, safety in train operation, schedule of dimensions and disaster management.		STTC Gorakhpur (North Eastern Railway)	Live

Disaster management (16)

Title	Doc no.	Subject	Issued	Issuer	Status
Chapter 6: Disaster Management in Indian Railways	Comptroller and Auditor General of India CAG Report No. 13 of 2016 (Railways)	Chapter of a CAG audit report on disaster management in Indian Railways, covering definitions and types of railway disasters.	2016	Comptroller and Auditor General of India	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Disaster Management Plan of Indian Railways	Railway Board 11.2009	Railway Board disaster management plan covering the concept of disaster, the Disaster Management Act 2005, NDMA and NDRF.	2009-11	Railway Board	Live
Disaster Management Plan Part I - South East Central Railway, 2017	SECR 2017	Zonal Disaster Management Plan of South East Central Railway giving step by step guidelines for response to disasters, rescue and relief, prepared under the Disaster Management Act 2005.	2017	South East Central Railway	Live
Disaster Management Plan, Indian Railways	Railway Board 11.2019	Railway Board disaster management plan for Indian Railways.	2019-11	Railway Board	Live
Guidelines on Disaster Resistant Telecom Buildings and Towers	Department of Telecommunications No. 800-4/2001-VAS	Department of Telecommunications guidelines on disaster resistant telecom buildings and towers with reference to earthquake and cyclone.	2005-10-24	Department of Telecommunications	Live
Handbook on Brief Overview of Communication Facilities Required at Disaster Management Sites	CAMTECH/S&T/2023-24/ CFRDMS/1.0	CAMTECH handbook giving a brief overview of communication facilities required at disaster management sites.	2023-12	CAMTECH	Live
Disaster Management	IRISET 03.2013 G9	IRISET notes on disasters and accidents, disaster management, accident relief medical van and trains, communication arrangements during disaster and do's and don'ts.	2013-03	IRISET	Live
Revised List of Minimum Essential Telecom Equipments to be kept in Accident Relief Trains	Letter No. STT/WL/ARRO(Pt.)/244 Vol-II dated 17.05.2021	Letter to PCSTEs giving the revised list of minimum essential telecom equipment to be kept in Accident Relief Trains.	2021-05-17		Live
Recommendations of High Level Committee on Disaster Management	Railway Board Letter 2004/Tele/TN/2	Railway Board letter to General Managers on implementing recommendations of the High Level Committee on Disaster Management.	2006-06-29	Railway Board	Live
Recommendation of High Level Committee on Disaster Management	Railway Board Letter No. 2004/Tele/TN/2	Railway Board letter to General Managers on the High Level Committee's disaster management recommendations.	2010-06-04	Railway Board	Live
Recommendation No. 97 of High Level Committee on Disaster Management	Railway Board Letter No. 2004/Tele/TN/2 dated 27.04.2007	Railway Board letter to General Managers (S&T) on Recommendation No. 97 of the High Level Committee on Disaster Management.	2007-04-27	Railway Board	Live
Satellite Phone Service for Railway Accident and Disaster Management	Railway Board Letter No. 2012/Tele/11(4)	Railway Board letter to the Ministry of Communication and IT on satellite phone service for managing railway accidents and disasters.	2013-06-18	Railway Board	Live
Satellite Telephone Allotment List - South East Central Railway	SECR	List of satellite telephone sets with locations, handset IMEI numbers and allotted numbers for divisions of South East Central Railway.		South East Central Railway	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Zonal Disaster Management Plan Part I 2023 - South East Central Railway	SECR 2023	Part 1 of the Zonal Disaster Management Plan of South East Central Railway, beginning with abbreviations.	2023	South East Central Railway	Live
Zonal Disaster Management Plan Part II 2023 - South East Central Railway	SECR 2023	Part 2 of the 2023 edition of the Zonal Disaster Management Plan of South East Central Railway.	2023	South East Central Railway	Live
Zonal Disaster Management Plan Part II, South East Central Railway Bilaspur	SECR 05.2025	Zonal disaster management plan Part II covering accident reporting, SMS templates and disaster response by officers at division and headquarters.	2025-05	South East Central Railway	Live

Engineering & electrical (119)

P-way & track (18)

Title	Doc no.	Subject	Issued	Issuer	Status
Comprehensive Guidelines and Specifications for Railway Formation	RDSO/2020/GE:IRS-0004 (including ACS No. 01)	RDSO comprehensive guidelines and specifications for railway formation, September 2020, including advance correction slip 01 dated 16.12.2021.	2020-09	RDSO	Staged (SECR HQ library)
Guidelines and Specifications for Design of Formation for Heavy Axle Load	RDSO/2007/GE:0014	RDSO report on guidelines and specifications for design of formation for heavy axle load.	2009-11	RDSO	Staged (SECR HQ library)
Chart of Movement of LWR/CWR (SEJ measurement format)	IRPWM Annex-3/14	Format for recording the movement of long welded rail at switch expansion joints, as per Annex-3/14 (para 354) of IRPWM.			Staged (SECR HQ library)
Other Suggested Changes in IRPWM - Destressing of LWR, Speed Restrictions (Para 708) and Renewal of Fastenings (Para 628)	Unnumbered	Note on suggested IRPWM changes making destressing of LWR mandatory before speed is raised to normal and revising paras 708 and 628.			Staged (SECR HQ library)
LWRs Laid in Violation of Provisions of IRPWM	SECR/HQ/Engg/TC-08/Track Maintenance/03 (18.06.2025)	SECR letter asking divisions to survey LWRs laid in violation of IRPWM, such as on sharp curves, and impose speed restrictions until rectified.	2025-06-18	South East Central Railway	Staged (SECR HQ library)
SECR/HQ/Engg/TC-IA - Turnout Laid in Violation of Provisions of IRPWM	SECR 19.06.2025	SECR letter after a tower car derailment, asking divisions to survey and remove turnouts violating IRPWM para 408(2)(e) within six months.	2025-06-19	South East Central Railway	Staged (SECR HQ library)
↳ IRPWM 2020 Correction Slip No. 5	Railway Board letter 11.02.2022 Slip No. 5	Correction slip No. 5 to the Permanent Way Manual: Table-1A para 103 and Table-1B paras 106/109.	2022-02-11	Railway Board	Live *Slip No. 5 to IRPWM 2020; issued 2022-02-11*

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railways Permanent Way Manual (IRPWM) 2024 - Up to ACS 12	Railway Board Manual	Indian Railways Permanent Way Manual, redrafted 2020 edition updated with correction slips up to ACS 12.		Railway Board	Staged (SECR HQ library) *Consolidated edition, incorporates slips up to 12*
Indian Railways Permanent Way Manual (IRPWM) 2024, Corrected up to ACS-2	Railway Board / IRICEN Pune Manual 2024	Indian Railways Permanent Way Manual 2024 edition published by IRICEN Pune for the Railway Board, corrected up to Advance Correction Slip 2.	2024	Railway Board / IRICEN Pune	Live *Consolidated edition, incorporates slips up to 2*
Execution of OMS Run as per IRPWM-2024 Para 515 at Stipulated Speed	SECR/HQ/Engg/TC-7/OMS-2000/Pt.VI	SECR letter directing 100% completion of scheduled oscillation monitoring system runs at stipulated speeds per IRPWM 2024 para 515.	2025-04-24	South East Central Railway	Staged (SECR HQ library)
↳ IRPWM 2024 Correction Slip No. 6	Railway Board letter 18.08.2025 Slip No. 6	Correction slip No. 6 to IRPWM 2024: paras 838, 852(7), 902(1) and several annexures.	2025-08-18	Railway Board	Live *Slip No. 6 to IRPWM 2024; issued 2025-08-18* *Already incorporated in the staged (Z library) consolidated edition (up to No. 12 per its title): Indian Railways Permanent Way Manual (IRPWM) 2024 - Up to ACS 12*
↳ IRPWM 2024 Correction Slip No. 7	Railway Board letter 17.09.2025 Slip No. 7	Correction slip No. 7 to IRPWM 2024: Annexure 4/3 Part IV sub-paras 429(5)(a) and 429(8)(b), points and crossings inspection.	2025-09-17	Railway Board	Live *Slip No. 7 to IRPWM 2024; issued 2025-09-17* *Already incorporated in the staged (Z library) consolidated edition (up to No. 12 per its title): Indian*

Title	Doc no.	Subject	Issued	Issuer	Status
					Railways Permanent Way Manual (IRPWM) 2024 - Up to ACS 12
↳ Advance Correction Slip (ACS) No. 14 to Indian Railways Permanent Way Manual 2024 (IRPWM)	Railway Board Correction slip 29.07.2026	Railway Board addendum and corrigendum slip to the Indian Railways Permanent Way Manual 2024, circulated to all railways.	2026-07-29	Railway Board	Staged (SECR HQ library) *Slip No. 14 to IRPWM 2024; issued 2026-07-29*
LWR/CWR Manual Extract - Track Structure for LWR/CWR (formation, ballast cushion, sleepers, rails)	Manual	Extract on track structure requirements for long welded rail, covering formation, ballast cushion and section, sleepers and fastenings, with ballast profiles.			Staged (SECR HQ library)
Guidelines on Holes in Rail	South East Central Railway Letter, 19.10.2022	South East Central Railway Principal Chief Engineer letter circulating RDSO guidelines on holes in rail.	2022-10-19	South East Central Railway	Staged (SECR HQ library)
Guidelines on Working of Switch Rail Grinding Machine (SRGM-20 Stones)	RDSO Guidelines 23.12.2022	RDSO guidelines to track engineers on working of the switch rail grinding machine.	2022-12-23	RDSO	Staged (SECR HQ library)
Letter No. CT/PTX/TO/Speed - Increase in Speed on Turnouts	RDSO Letter 20.03.2017	RDSO letter to Railway Board on requirements from track, signal, TI and motive power directorates for increasing speed on turnouts to 50 kmph.	2017-03-20	RDSO	Live
SECR/HQ/Engg/TC-IV/CS/IRPWM/Vol-I	SECR Seminar on Implementation of Correction Slips 149 and 150 to IRPWM (19.09.2019)	SECR letters on nominating officers and supervisors for an RDSO seminar on implementing correction slips 149 and 150 to the Indian Railways Permanent Way Manual.	2019-09-19	South East Central Railway	Staged (SECR HQ library)

Electrical & traction (ACTM etc.) (52)

Title	Doc no.	Subject	Issued	Issuer	Status
ACTM - Duties of Crew Controller and Chief Loco Inspector	Unnumbered	Extract on duties of the crew controller, referring to Chapter 5 on operation of rolling stock.			Staged (SECR HQ library)
ACTM - Violation of Rule	Unnumbered	Document on violation of ACTM rules; no text was available.			Staged (SECR HQ library)
ACTM Volume III - Duties of CCC, CC, TLC and CLI, Vision Test Register and Spare Spectacles	Unnumbered	Extract of ACTM Volume III on duties of crew control and loco inspection staff; no text was available.			Staged (SECR HQ library)
Railway Manual of AC Traction (ACTM) - Complete Compilation	Manual	Compilation of the Railways Manual of AC Traction, beginning with Chapter I on management of AC			Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		traction.			
Issuing of All Competency Certificates as per ACTM Format	SECR/Elect/Safety/315/25 (18.11.2025)	SECR electrical letter directing divisions to issue competency certificates TR-10 to TR-13 for loco crew only in ACTM format and to maintain a register.	2025-11-18	South East Central Railway	Staged (SECR HQ library)
↳ Movement of Tower Wagons	SECR ACTM Vol. II Part I, Chapter 3, Para 20319 ACS No. 9 (11.12.2025)	SECR Chief Electrical Engineer circular conveying advance correction slip No. 9 on the movement of tower wagons.	2025-12-11	South East Central Railway	Staged (SECR HQ library) *Slip No. 9 to ACTM; issued 2025-12-11*
↳ Correction to ACTM	ACTM ACS No. 13 (01.07.2005)	Railway Board advance correction slip No. 13 to the Railways Manual of AC Traction.	2005-07-01	Railway Board	Staged (SECR HQ library) *Slip No. 13 to ACTM; issued 2005-07-01*
↳ Correction to ACTM	ACTM ACS No. 24 (10.01.2013)	Railway Board advance correction slip No. 24 to the Railways Manual of AC Traction.	2013-01-10	Railway Board	Staged (SECR HQ library) *Slip No. 24 to ACTM; issued 2013-01-10*
↳ Correction to ACTM Vol. II Part I	SECR ACTM Vol. II Part I ACS No. 25 (07.11.2014)	SECR Chief Electrical Engineer circular conveying advance correction slip No. 25 to ACTM Volume II Part I.	2014-11-07	South East Central Railway	Staged (SECR HQ library) *Slip No. 25 to ACTM; issued 2014-11-07*
↳ Correction to ACTM	SECR ACTM ACS No. 28 (13.01.2016)	SECR Electrical Department circular conveying advance correction slip No. 28 to ACTM.	2016-01-13	South East Central Railway	Staged (SECR HQ library) *Slip No. 28 to ACTM; issued 2016-01-13*
↳ Correction to ACTM	ACTM ACS No. 29 (25.10.2018)	Railway Board advance correction slip No. 29 to the Railways Manual of AC Traction.	2018-10-25	Railway Board	Staged (SECR HQ library) *Slip No. 29 to ACTM; issued 2018-10-25*
↳ Correction to ACTM	ACTM ACS No. 30 (22.10.2019)	Railway Board advance correction slip No. 30 to the Railways Manual of AC Traction.	2019-10-22	Railway Board	Staged (SECR HQ library) *Slip No. 30 to ACTM; issued 2019-10-22*
↳ Correction to ACTM	ACTM ACS No. 31 (20.01.2020)	Railway Board advance correction slip No. 31 to the Railways Manual of AC Traction.	2020-01-20	Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
					Slip No. 31 to ACTM; issued 2020-01-20
↳ Correction to ACTM	ACTM ACS No. 32 (09.10.2020)	Railway Board advance correction slip No. 32 to the Railways Manual of AC Traction.	2020-10-09	Railway Board	Staged (SECR HQ library) *Slip No. 32 to ACTM; issued 2020-10-09*
Indian Railways Manual of AC Traction Maintenance and Operation (ACTM) 2022, Volume I - General	Railway Board Manual 11.2022	Volume I (General) of the Railway Board AC Traction Maintenance and Operation manual, including management of AC traction.	2022-11	Railway Board	Live
Indian Railways Manual of AC Traction Maintenance and Operation (ACTM) 2022, Volume II Part I - Fixed Installations	Railway Board Manual 11.2022	Volume II Part I (Fixed Installations) of the AC Traction Maintenance and Operation manual, including power supply for traction.	2022-11	Railway Board	Live
Indian Railways Manual of AC Traction Maintenance and Operation (ACTM) 2022, Volume II Part II - Fixed Installations (List of Appendices)	Railway Board Manual 11.2022	Volume II Part II (appendices to fixed installations) of the AC Traction Maintenance and Operation manual.	2022-11	Railway Board	Live
Indian Railways Manual of AC Traction Maintenance and Operation (ACTM) 2022, Volume III - Electric Rolling Stock	Railway Board Manual 11.2022	Volume III (Electric Rolling Stock) of the AC Traction Maintenance and Operation manual.	2022-11	Railway Board	Live
↳ Advance Correction Slip No. 2	Railway Board letter 18.05.2023 Slip No. 2 ACTM 2022	Advance correction slip No. 2 to the ACTM 2022: Vol II Part II Appendix-I para 18.12, masts near level crossings and bridge abutments.	2023-05-18	Railway Board	Live *Slip No. 2 to ACTM 2022; issued 2023-05-18*
↳ Advance Correction Slip No. 3	Railway Board letter 17.08.2023 Slip No. 3 ACTM 2022	Advance correction slip No. 3 to the ACTM 2022: Vol II Part I para 20317(2), periodic 45 days/4500 km inspection of tower wagons.	2023-08-17	Railway Board	Live *Slip No. 3 to ACTM 2022; issued 2023-08-17*
↳ Advance Correction Slip No. 4	Railway Board letter 30.11.2023 Slip No. 4 ACTM 2022	Advance correction slip No. 4 to the ACTM 2022: Vol II Part II paras 17.3 and 21.2, power line crossing clearances.	2023-11-30	Railway Board	Live *Slip No. 4 to ACTM 2022; issued 2023-11-30*
↳ Advance Correction Slip No. 5	Railway Board letter 06.12.2023 Slip No. 5 ACTM 2022	Advance correction slip No. 5 to the ACTM 2022: Vol II Part II Appendix-I paras 20.1, 20.2, 20.9, 30.2 and Table IV, mast implantation.	2023-12-06	Railway Board	Live *Slip No. 5 to ACTM 2022; issued 2023-12-06*

Title	Doc no.	Subject	Issued	Issuer	Status
↳ Advance Correction Slip No. 6	Railway Board letter 28.05.2024 Slip No. 6 ACTM 2022	Advance correction slip No. 6 to the ACTM 2022: Vol II Part II Appendix-6 Annexure A6.01 Sr. 83 and A6.02 Sr. 74, Class 4 hand gloves.	2024-05-28	Railway Board	Live *Slip No. 6 to ACTM 2022; issued 2024-05-28*
↳ Advance Correction Slip No. 7	Railway Board letter 16.12.2024 Slip No. 7 ACTM 2022	Advance correction slip No. 7 to the ACTM 2022: Vol II Part I Chapter-3 para 20319 sub-para 1(c), movement of multiple tower wagons.	2024-12-16	Railway Board	Live *Slip No. 7 to ACTM 2022; issued 2024-12-16*
↳ Advance Correction Slip No. 8	Railway Board letter 25.06.2025 Slip No. 8 ACTM 2022	Advance correction slip No. 8 to the ACTM 2022: Vol II Part I Chapter-10 paras 21001-21018, commissioning of electric traction.	2025-06-25	Railway Board	Live *Slip No. 8 to ACTM 2022; issued 2025-06-25*
↳ Advance Correction Slip No. 9	Railway Board letter 25.06.2025 Slip No. 9 ACTM 2022	Advance correction slip No. 9 to the ACTM 2022: Vol II Part I Chapter-3 para 20319 sub-para 1(c), tower wagon convoy movement.	2025-06-25	Railway Board	Live *Slip No. 9 to ACTM 2022; issued 2025-06-25*
↳ Advance Correction Slip No. 10	Railway Board letter 27.08.2025 Slip No. 10 ACTM 2022	Advance correction slip No. 10 to the ACTM 2022: Vol II Part II Appendix-6 Annexure A6.01 Sr. 83 and A6.02 Sr. 74, hand gloves.	2025-08-27	Railway Board	Live *Slip No. 10 to ACTM 2022; issued 2025-08-27*
↳ Advance Correction Slip No. 11	Railway Board letter 02.12.2025 Slip No. 11 ACTM 2022	Advance correction slip No. 11 to the ACTM 2022: Vol II Part II Appendix-10 page 298, 3:1 regulating equipment diagram and 9-tonne adjustment.	2025-12-02	Railway Board	Live *Slip No. 11 to ACTM 2022; issued 2025-12-02*
↳ Advance Correction Slip No. 12	Railway Board letter 11.12.2025 Slip No. 12 ACTM 2022	Advance correction slip No. 12 to the ACTM 2022: Vol II Part II Appendix-I clause 6.2, use of two track cantilever.	2025-12-11	Railway Board	Live *Slip No. 12 to ACTM 2022; issued 2025-12-11*
↳ Advance Correction Slip No. 13	Railway Board letter 15.12.2025 Slip No. 13 ACTM 2022	Advance correction slip No. 13 to the ACTM 2022: Vol II Part I para 20611(a), new 20611(b) and Annexure-2.04 para 6.1.	2025-12-15	Railway Board	Live *Slip No. 13 to ACTM 2022; issued 2025-12-15*
↳ Advance Correction Slip No. 14	Railway Board letter 09.01.2026 Slip No. 14 ACTM 2022	Advance correction slip No. 14 to the ACTM 2022: Vol II Part II Appendix-6 Annexure A6.02, new Sr. No.	2026-01-09	Railway Board	Live *Slip No. 14 to ACTM 2022;*

Title	Doc no.	Subject	Issued	Issuer	Status
		85 HV VCB testing kit.			*issued 2026-01-09*
↳ Advance Correction Slip No. 15	Railway Board letter 06.05.2026 Slip No. 15 ACTM 2022	Advance correction slip No. 15 to the ACTM 2022: Vol II Part I paras 21203, 21215 and Chapter-12 TR-4, OHE inspection car driver competency.	2026-05-06	Railway Board	Live *Slip No. 15 to ACTM 2022; issued 2026-05-06*
↳ Advance Correction Slip No. 16	Railway Board letter 21.05.2026 Slip No. 16 ACTM 2022	Advance correction slip No. 16 to the ACTM 2022: Vol II Part I para 20322, Annexures 3.01 and 3.03, drone patrolling of OHE.	2026-05-21	Railway Board	Live *Slip No. 16 to ACTM 2022; issued 2026-05-21*
↳ Advance Correction Slip No. 17	Railway Board letter 21.05.2026 Slip No. 17 ACTM 2022	Advance correction slip No. 17 to the ACTM 2022: Vol II Part I para 20321, Live Line OHE Measuring Gauge (LLOMG) in maintenance schedules.	2026-05-21	Railway Board	Live *Slip No. 17 to ACTM 2022; issued 2026-05-21*
↳ Advance Correction Slip No. 18	Railway Board letter 22.05.2026 Slip No. 18 ACTM 2022	Advance correction slip No. 18 to the ACTM 2022: Vol II Part I para 20313 and Vol II Part II Appendix-10 page 302, jumper sizes.	2026-05-22	Railway Board	Live *Slip No. 18 to ACTM 2022; issued 2026-05-22*
↳ Advance Correction Slip No. 19	Railway Board letter 29.05.2026 Slip No. 19 ACTM 2022	Advance correction slip No. 19 to the ACTM 2022: Vol I paras 10103, 10107 and Vol II Part I paras 20202, 20204, 20301-20303, 20832.	2026-05-29	Railway Board	Live *Slip No. 19 to ACTM 2022; issued 2026-05-29*
↳ Advance Correction Slip No. 20	Railway Board letter 08.07.2026 Slip No. 20 ACTM 2022	Advance correction slip No. 20 to the ACTM 2022: Vol II Part II Appendix-VI paras 3.0, 4.0 and T&P Annexures A6.01-A6.04.	2026-07-08	Railway Board	Live *Slip No. 20 to ACTM 2022; issued 2026-07-08*
↳ Advance Correction Slip No. 21	Railway Board letter 30.07.2026 Slip No. 21 ACTM 2022	Advance correction slip No. 21 to the ACTM 2022: Vol II Part II Appendix-I paras 19.6 and 20.8, drop-arm cantilever fitment.	2026-07-30	Railway Board	Live *Slip No. 21 to ACTM 2022; issued 2026-07-30*
↳ Advance Correction Slip No. 22	Railway Board letter 30.07.2026 Slip No. 22 ACTM 2022	Advance correction slip No. 22 to the ACTM 2022: Vol II Part I paras 20241, 20247, 20326(7), 20909, isolator contact resistance measurement.	2026-07-30	Railway Board	Live *Slip No. 22 to ACTM 2022; issued 2026-07-30*

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on Arthur Flury AG PTFE Type Neutral Section	CAMTECH/E/12-13/NS-AG/1.0 (06.2012)	CAMTECH handbook on the Arthur Flury AG neutral section for TrD (OHE) staff.	2012-06	CAMTECH	Staged (SECR HQ library)
Handbook on Artisans Tools for Traction Distribution Depots	CAMTECH/E/2002/ TOOLS(TRD)/1.0	CAMTECH handbook on artisans tools for traction distribution depots.	2002-07	CAMTECH	Staged (SECR HQ library)
Handbook on Check Points for TL Coaches	CAMTECH/E/13-14/Check Points-TL/1.0 (07.2013)	CAMTECH handbook on check points for train lighting coaches for coaching maintenance staff.	2013-07	CAMTECH	Staged (SECR HQ library)
Handbook on Earthing System for Power Supply Installations	CAMTECH/E/10-11/Earthing-PSI/1.0 (2011)	CAMTECH handbook on earthing systems for power supply installations for TrD maintenance staff.	2011	CAMTECH	Staged (SECR HQ library)
Handbook on Electrical Earthing	CAMTECH/E/10-11/El-Earthing/ 1.0	CAMTECH handbook on electrical earthing for general services maintenance staff.		CAMTECH	Staged (SECR HQ library)
Handbook on Maintenance of Diesel Generator Sets (62.5 to 380 kVA)	CAMTECH/E/11-12/DG-Set/1.0 (03.2012)	CAMTECH handbook on maintenance of diesel generator sets of 62.5 kVA to 380 kVA.	2012-03	CAMTECH	Staged (SECR HQ library)
Handbook on Maintenance of Electrical General Services Sub-Station	CAMTECH/E/11-12/Sub-station/1.0 (09.2011)	CAMTECH handbook on maintenance of electrical general services sub-stations.	2011-09	CAMTECH	Staged (SECR HQ library)
Handbook on OHE Inspection	CAMTECH/E/17-18/OHE-Inspection/1.0 (02.2018)	CAMTECH handbook on OHE inspection for TrD OHE staff.	2018-02	CAMTECH	Staged (SECR HQ library)
Handbook on Testing Instruments Required for Condition Based Maintenance of TrD Assets	CAMTECH/E/2009/TI-TRD/1.0	CAMTECH handbook on testing instruments required for condition based maintenance of TrD assets.	2009-08	CAMTECH	Staged (SECR HQ library)
Handbook on V-Belts of TL and AC Coaches	CAMTECH/E/15-16/V-Belts/1.0 (09.2015)	CAMTECH handbook on V-belts of train lighting and AC coaches.	2015-09	CAMTECH	Staged (SECR HQ library)
Maintenance Handbook on AM-12 and Similar Design Pantograph	CAMTECH/E/11-12/Panto AM-12/1.0 (10.2011)	CAMTECH maintenance handbook on AM-12 and similar pantographs, with features on pantograph entanglement.	2011-10	CAMTECH	Staged (SECR HQ library)
Guideline for Maintenance of Transmission Lines Owned/Maintained by Indian Railways	RDSO-TI0LKO(OHE)/9/2024	RDSO guideline for maintenance of transmission lines owned or maintained by Indian Railways.		RDSO	Staged (SECR HQ library)
Clarification regarding Training & Competency Certificates under ACTM Vol II and Vol III, Chapter 12	SECR/Elect./Safety/315/26/235 (29.01.2026)	SECR letter to Railway Board seeking clarification on whether competency certificates TR-10 and TR-11 in ACTM 2022 Vol II and Vol III are common, as the numbering overlaps.	2026-01-29	South East Central Railway	Staged (SECR HQ library)

Works & civil (41)

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railway Code for the Engineering	Up to Advance Correction Slip 48	Engineering code with forms such as the Section			Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
Department		Officers (Accounts) internal check register, corrected up to advance correction slip 48.			HQ library) *Consolidated edition, incorporates slips up to 48*
Guidelines on Pipe Line Crossings under Railway Track	RDSO Report BS-105 (10.2009)	RDSO B&S Directorate report on guidelines for pipeline crossings under railway track.	2009-10	RDSO	Staged (SECR HQ library)
Specification for Ready Mixed Paint, Brushing, Zinc Chrome, Priming	Bureau of Indian Standards IS 104:1979	Indian Standard specification for zinc chrome priming paint.	1979	Bureau of Indian Standards	RDSO intranet - being processed
Code of Practice for Design and Construction of Radar Antenna, Microwave and TV Tower Foundations	Bureau of Indian Standards IS 11233:1985	Indian Standard code of practice for design and construction of tower foundations.	1985	Bureau of Indian Standards	RDSO intranet - being processed
Steel Tubes for Structural Purposes, Specification (Fourth Revision)	Bureau of Indian Standards IS 1161:1998	Indian Standard specification for steel tubes for structural purposes.	1998	Bureau of Indian Standards	RDSO intranet - being processed
Hexagon Head Transmission Tower Bolts, Specification (First Revision)	Bureau of Indian Standards IS 12427:2001	Indian Standard specification for threaded steel hexagon head transmission tower bolts.	2001	Bureau of Indian Standards	RDSO intranet - being processed
Bolts and Nuts (Ladder)	Bureau of Indian Standards IS 1367 (Part 3):2002	Indian Standard on threaded steel fasteners, bolts and nuts; text not available.	2002	Bureau of Indian Standards	RDSO intranet - being processed
Code of Practice for Painting of Ferrous Metals in Buildings, Pretreatment (First Revision)	Bureau of Indian Standards IS 1477 (Part 1):1971	Indian Standard code of practice for pretreatment before painting of ferrous metals.	1971	Bureau of Indian Standards	RDSO intranet - being processed
Code of Practice for Painting of Ferrous Metals in Buildings, Painting (First Revision)	Bureau of Indian Standards IS 1477 (Part 2):1971	Indian Standard code of practice for painting of ferrous metals in buildings.	1971	Bureau of Indian Standards	RDSO intranet - being processed
Portland-Pozzolana Cement, Specification, Fly Ash Based (Third Revision)	Bureau of Indian Standards IS 1489 (Part 1):1991	Indian Standard specification for fly ash based Portland-pozzolana cement.	1991	Bureau of Indian Standards	RDSO intranet - being processed
High Strength Deformed Steel Bars and Wires for Concrete Reinforcement, Specification (Fourth Revision)	Bureau of Indian Standards IS 1786:2008	Indian Standard specification for high strength deformed steel bars and wires for reinforcement.	2008	Bureau of Indian Standards	RDSO intranet - being processed
Hot Rolled Medium and High Tensile Structural Steel, Specification (Seventh Revision)	Bureau of Indian Standards IS 2062:2011	Indian Standard specification for hot rolled medium and high tensile structural steel.	2011	Bureau of Indian Standards	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Ordinary Portland Cement, Specification (Sixth Revision)	Bureau of Indian Standards IS 269 (2015)	Indian Standard specification for ordinary Portland cement.	2015	Bureau of Indian Standards	RDSO intranet - being processed
Specification for Coarse and Fine Aggregates from Natural Sources for Concrete (Second Revision)	Bureau of Indian Standards IS 383:1970	Indian Standard specification for coarse and fine aggregates for concrete.	1970	Bureau of Indian Standards	RDSO intranet - being processed
Plain and Reinforced Concrete, Code of Practice (Fourth Revision)	Bureau of Indian Standards IS 456:2000	Indian Standard code of practice for plain and reinforced concrete.	2000	Bureau of Indian Standards	RDSO intranet - being processed
Hot-Dip Zinc Coatings on Structural Steel and Other Allied Products, Specification (Third Revision)	Bureau of Indian Standards IS 4759:1996	Indian Standard specification for hot-dip zinc coatings on structural steel.	1996	Bureau of Indian Standards	RDSO intranet - being processed
Ready-Mixed Concrete, Code of Practice (Second Revision)	Bureau of Indian Standards IS 4926:2003	Indian Standard code of practice for ready-mixed concrete.	2003	Bureau of Indian Standards	RDSO intranet - being processed
Welding Rods and Bare Electrodes for Gas Shielded Arc Welding of Structural Steels, Specification (First Revision)	Bureau of Indian Standards IS 6419:1996	Indian Standard specification for welding rods and bare electrodes for gas shielded arc welding.	1996	Bureau of Indian Standards	RDSO intranet - being processed
General Construction in Steel, Code of Practice (Third Revision)	Bureau of Indian Standards IS 800:2007	Indian Standard code of practice for general construction in steel.	2007	Bureau of Indian Standards	RDSO intranet - being processed
IS 875 (Part 1) - Code of Practice for Design Loads (Other than Earthquake): Dead Loads, Unit Weights of Building Materials	Bureau of Indian Standards	Indian Standard on dead loads and unit weights of building materials for design of buildings and structures.		Bureau of Indian Standards	RDSO intranet - being processed
IS 875 (Part 2) - Code of Practice for Design Loads (Other than Earthquake) for Buildings and Structures: Imposed Loads	Bureau of Indian Standards	Indian Standard on imposed (live) loads for design of buildings and structures.		Bureau of Indian Standards	RDSO intranet - being processed
Code of Practice for Design Loads (Other than Earthquake): Wind Loads (Second Revision)	Bureau of Indian Standards IS 875 (Part 3):1987	Indian Standard on wind loads for design of buildings and structures.	1987	Bureau of Indian Standards	RDSO intranet - being processed
Design Basis Report / Checklist for Design of Superstructure of TCAS Tower	RDSO B&S Directorate No. CBS/R/DRT/TCAS dated 11.01.2021	RDSO B&S Directorate note on design basis report and checklist for the superstructure of TCAS towers, referring to a meeting of B&S and Telecom Directorates.	2021-01-11	RDSO	Live
Inspection, Maintenance and Construction of Road Under Bridges	RDSO Guideline BS-138 (06.08.2024)	RDSO letter issuing guideline BS-138 on inspection, maintenance and construction of road under	2024-08-06	RDSO	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
(RUB)		bridges.			
Guidelines for Construction of Limited Height Subway (LHS) by Cut and Cover Method	RDSO Guidelines 04.2015	RDSO Bridge & Structures Directorate guidelines for constructing limited height subways by the cut and cover method.	2015-04	RDSO	Staged (SECR HQ library)
Guidelines for Construction of Limited Height Subway (LHS) by Cut and Cover Method	SECR Letter SECR/HQ/Engg/RSW/Policy/03 (13.05.2015)	South East Central Railway letter forwarding RDSO guidelines for limited height subway construction by cut and cover method.	2015-05-13	South East Central Railway	Staged (SECR HQ library)
Guidelines for Fabrication, Erection, Launching and Testing of RDSO Standard Bow String Girders (BS-139)	RDSO Guidelines 03.03.2025	RDSO letter issuing guidelines for fabrication, erection, launching and testing of standard bow string girders.	2025-03-03	RDSO	Staged (SECR HQ library)
Preparation of Detailed Project Plan (DPP) for Major Works	SECR Policy Circular 10/2020	SECR S&T policy circular requiring a detailed project plan before commencing S&T works above Rs 5 crore.	2020-07-20	South East Central Railway	Staged (SECR HQ library)
Principal Chief Engineer	SECR Master Circular of CE's Circular No. 17 (Civil Works), Proposed Modification 10.08.2023	SECR Chief Engineer list of civil works types and tender policy references for CE circular No. 17.	2023-08-10	South East Central Railway	Staged (SECR HQ library)
Principal Chief Engineer	SECR Master Circular of CE's Circular No. 17 (Civil Works), Proposed Modification 12.07.2023	SECR Chief Engineer table of proposed modifications to types of civil works in CE circular No. 17.	2023-07-12	South East Central Railway	Staged (SECR HQ library)
Site Order Works and Field Registers	SECR S&T Policy Letter No. 675 (22.03.2006)	SECR S&T letter on maintaining site order books and field registers for contract works.	2006-03-22	South East Central Railway	Staged (SECR HQ library)
SECR/HQ/Engg/Plg./HQL - Minimum Width of Island Platforms Infringing with IRSOD, letter to Railway Board	SECR Letter 30.04.2026	SECR letter to Railway Board seeking one-time dispensation for existing island platforms narrower than 6.5 m, which the CRS says IRSOD requires.	2026-04-30	South East Central Railway	Staged (SECR HQ library)
The Railways (Opening for Public Carriage of Passengers) Rules, 2000	Railway Board 21.07.2000	Gazette notification of the Railways (Opening for Public Carriage of Passengers) Rules, 2000.	2000-07-21	Railway Board	Staged (SECR HQ library)
The Railways (Opening for Public Carriage of Passengers) Rules, 2000	Railway Board Amended up to 11.03.2024	Railways (Opening for Public Carriage of Passengers) Rules, 2000 as last amended on 11 March 2024.	2024-03-11	Railway Board	Staged (SECR HQ library)
The Railways (Opening for Public Carriage of Passengers) Rules, 2000 - Showing All Amendments up to 11.03.2024	Railway Board 11.03.2024	Consolidated Railways (Opening for Public Carriage of Passengers) Rules, 2000 showing all amendments up to the amendment of 11 March 2024.	2024-03-11	Railway Board	Staged (SECR HQ library)
The Railways (Opening for Public Carriage of Passengers) Rules, 2000 - Showing All Amendments up to	Railway Board 18.09.2024	Consolidated Railways (Opening for Public Carriage of Passengers) Rules, 2000 showing all amendments up to the amendment of 18 September 2024.	2024-09-18	Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
18.09.2024					
The Railways (Opening for Public Carriage of Passengers) Second Amendment Rules, 2024	Railway Board G.S.R. 579(E) (18.09.2024)	Gazette notification of the second amendment to the Railways (Opening for Public Carriage of Passengers) Rules, 2000.	2024-09-18	Railway Board	Staged (SECR HQ library)
Indian Railways Works Manual 2000 (Internet Version embodying advance correction slips up to No. 10 dated 17.02.05)	Railway Board Correction slip 2000	Railway Board Indian Railways Works Manual covering procedures and practices for buildings and structures, in updated and revised form.	2000	Railway Board	Staged (SECR HQ library) *Consolidated edition, incorporates slips up to 10*
↳ Indian Railway Works Manual 2000, Advance Correction Slip No. 12	Railway Board No. 2024/CE-I/ACS-12/IRWM	Railway Board letter issuing Advance Correction Slip No. 12 to the Indian Railway Works Manual 2000, with distribution list.	2024-08-13	Railway Board	Staged (SECR HQ library) *Slip No. 12 to Works Manual (IRWM); issued 2024-08-13*
↳ Indian Railway Works Manual 2000	Advance Correction Slip No. 13, with SECR forwarding letter (17.11.2025)	SECR letter forwarding Railway Board Advance Correction Slip 13 to the Works Manual, updating paras 424 and 425 on station name boards and platform sign boards.	2025-11-17	South East Central Railway	Staged (SECR HQ library) *Slip No. 13 to Works Manual (IRWM) 2000; issued 2025-11-17*
Indian Railways Works Manual, January 2026	Railway Board Manual 01.2026	Railway Board Indian Railways Works Manual, January 2026 edition.	2026-01	Railway Board	Live

Other engineering (8)

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railways Code for the Engineering Department, Revised Edition 1982 (Fourth Re-print 2012) with Correction Slips	Railway Board Correction slip	Railway Board code for the Engineering Department covering organisation, investigation of projects and other engineering provisions, with all correction slips incorporated.		Railway Board	Live
Handbook on Bogie Mounted Brake System for Freight Stock	CAMTECH/2012-13/M/BMBS for Fr. stock/1.0	CAMTECH handbook on the bogie mounted brake system used in freight stock.	2012-09	CAMTECH	Staged (SECR HQ library)
Handbook on Train Parting of Freight Stock (Causes and Remedies)	CAMTECH/2011-12/M/Train Parting/1.0	CAMTECH handbook on causes and remedies of train parting of freight stock.	2011-08	CAMTECH	Staged (SECR HQ library)
Handbook on Train Parting of Freight Stock (pages 64 to end)	CAMTECH Handbook	Later pages of the CAMTECH handbook on train parting of freight stock; no text was extracted.		CAMTECH	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railways Schedule of Dimensions, 1676 mm Gauge (BG), Revised 2022	Railway Board No. 2021/CEDO/SD/IRSOD2021	Railway Board letter issuing the revised Indian Railways Schedule of Dimensions for broad gauge, incorporating correction slips and new provisions.	2022-07-27	Railway Board	Live
Pamphlet on Long Haul Train Operation	CAMTECH/M/2011-12/LHT/1.0	CAMTECH pamphlet on long haul train operation, defined as a composition of more than one standard train formation.	2011-07	CAMTECH	Staged (SECR HQ library)
Clarifications on Comprehensive Guideline for Maintenance of CASNUB Bogie	RDSO Guidelines	RDSO letter giving clarifications on the comprehensive guideline for maintenance of CASNUB bogies.		RDSO	Staged (SECR HQ library)
Guidelines to Restrict Adapter Rotation Cases in LWLH25 Bogies Fitted in BLCS Rakes - Letter to PCMEs	RDSO Letter	RDSO letter to PCMEs of zonal railways on modification to restrict adapter rotation in LWLH25 bogies.		RDSO	Staged (SECR HQ library)

Personnel & establishment (187)

Establishment & service rules (105)

Title	Doc no.	Subject	Issued	Issuer	Status
Advance Correction Slips for IREM Vol I - Index of ACS Nos. 143 Onwards	SECR Correction slip	Table listing advance correction slips to IREM Volume I with ACS number, paragraph, RBE number, date and SECR number.		South East Central Railway	Staged (SECR HQ library)
Advance Correction Slips for IREM Vol II - Index	SECR Correction slip	Table listing advance correction slips to IREM Volume II with ACS number, paragraph, RBE number and date.		South East Central Railway	Staged (SECR HQ library)
Conduct Rules - Time Limit beyond which Permission May be Assumed to Have Been Granted	Railway Board	Instruction under the Railway Services (Conduct) Rules, 1966 on the time limit for assuming permission has been granted.		Railway Board	Staged (SECR HQ library)
D&A Rules - RBE 13 and 14 of 1993 - Promotion of Railway Servants under Suspension or Departmental Proceedings	Railway Board 1993	Railway Board instructions on promotion of Group D and C railway servants under suspension or facing departmental proceedings or prosecution.	1993	Railway Board	Staged (SECR HQ library)
Discipline and Appeal Rules - Proceedings (Handwritten Notes)	Railway Board	Handwritten, poorly legible notes on D&A rules proceedings.		Railway Board	Staged (SECR HQ library)
Master Circular on Technical Resignation and Lien in Central Services	DoPT Master Circular	DoPT master circular on lien and technical resignation in central services.		DoPT	Staged (SECR HQ library)
Amendment to IREM Volume I	SECR Establishment Circular 25-2016	South East Central Railway circular on an amendment to the Indian Railway Establishment Manual Volume I.	2016	South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Amendment to Indian Railway Establishment Code Vol. I, Chapter V Leave Rules	Railway Board Establishment Circular 30/2016	Amendment to Rule 510 of the Indian Railway Establishment Code Volume I (1985 edition, reprint 2008), Chapter V on leave rules.	2016	Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Code up to ACS 54	Railway Board	Indian Railway Establishment Code updated up to advance correction slip 54; scanned, text not available.		Railway Board	Staged (SECR HQ library) *Consolidated edition, incorporates slips up to 54*
Establishment Manuals and Codes for Indian Railways - Chapter 13 Railway Fundamental Rules: Pay and Increment	Railway Board Manual	Fundamental Rules chapter on commencement and cessation of pay and allowances of a railway servant.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual	Railway Board Chapter 1401	Single scanned page of IREM chapter 1401; no text could be extracted.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual - Extract on Retention of Lien (Para 1404)	Railway Board Manual	Extract of IREM para 1404 on retention of lien of a permanent railway employee selected for posts in other Central Government departments.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol I - Chapter III: Rules Regulating Seniority of Railway Servants	Railway Board Manual	IREM Volume I chapter laying down general principles for determining seniority of non-gazetted railway servants.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol I - Pages	Railway Board Manual	Scanned two-page extract of IREM Volume I; no text could be extracted.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol II - Chapter XVII Extract: Railway Quarters and Recovery of Rent	Railway Board Manual	Extract of IREM Volume II chapter XVII on railway quarters and recovery of rent, including the limit of rent against emoluments.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol II - Chapter XXV: Rules for the Recognition of Service Associations of Railway Servants	Railway Board Manual	IREM Volume II chapter laying down rules for official recognition of service associations of gazetted railway servants and related provisions.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol II - Chapter XXVI: Staff Councils and Negotiating Machinery	Railway Board Manual	IREM Volume II chapter on the object and working of staff councils and negotiating machinery for non-gazetted staff.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol II - Document with No Extractable Text	Railway Board Manual	IREM Volume II file with no extractable text; contents cannot be confirmed from the given text.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter IV - Scales of Pay Applicable to Principal Categories of Non-Gazetted Staff	Railway Board Manual	IREM Volume I Chapter IV listing scales of pay for principal categories of non-gazetted staff.		Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railway Establishment Manual Vol. I Chapter V - Percentage of Posts Fixed for Various Categories	Railway Board Manual	IREM Volume I Chapter V on distribution of non-gazetted posts into grades by percentage.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter VI - Pay, Increments and Efficiency Bars	Railway Board Manual	IREM Volume I Chapter VI on fixation of pay, increments and efficiency bars.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter VII - Compensatory and Other Allowances	Railway Board Manual	IREM Volume I Chapter VII on compensatory and other allowances.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter VIII - Dearness Allowance	Railway Board Manual	IREM Volume I Chapter VIII, the Railway Servants Dearness Allowance Rules.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter XI - Advances	Railway Board Manual	IREM Volume I Chapter XI on types of advances and interest charged.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter XII - Change in Name	Railway Board Manual	IREM Volume I Chapter XII on change in name; scanned, text not available.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter XIII - Absorption of Disabled or Medically Decategorised Staff in Alternative Employment	Railway Board Manual	IREM Volume I Chapter XIII on absorption of disabled or medically decategorised staff in alternative employment.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter XIV - Forwarding of Applications from Serving Railway Employees for Posts Outside Railways	Railway Board Manual	IREM Volume I chapter on forwarding applications of serving railway employees for posts outside railways.		Railway Board	Staged (SECR HQ library) *Same document also found in: SECR HQ staged library (merged, see DUPLICATES.tsv)*
Indian Railway Establishment Manual Vol. I Chapter XV - Terms and Conditions Applicable to Railway Servants and Substitutes in Temporary Service	Railway Board Manual	IREM Volume I Chapter XV on terms and conditions of temporary railway servants and substitutes.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. II Chapter XIX - Apprentices	Railway Board Manual	IREM Volume II Chapter XIX on rules for apprentices recruited on railways.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. II Chapter XVII - Railway Quarters and Recovery of Rent	Railway Board Manual	IREM Volume II Chapter XVII on charging and recovery of rent for railway quarters.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. II Chapter XVIII - Attachments of Pay	Railway Board Manual	IREM Volume II Chapter XVIII on extent of deductions and attachment of pay and allowances		Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
and Allowances for Debt		for debt.			
Indian Railway Establishment Manual Vol. II Chapter XX - Casual Labour	Railway Board Manual	IREM Volume II Chapter XX on definition and engagement of casual labour.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. II Chapter XXI - Use of Staff Cars	Railway Board Manual	IREM Volume II Chapter XXI on rules regulating the use of staff cars by officers.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. II Chapter XXII - Staff Welfare	Railway Board Manual	IREM Volume II Chapter XXII on staff welfare, including railway schools and educational assistance.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. II Chapter XXIII - Co-operative Societies	Railway Board Manual	IREM Volume II Chapter XXIII on types of co-operative societies on the railways.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. II Chapter XXIV - Grants-in-Aid	Railway Board Manual	IREM Volume II Chapter XXIV on grants-in-aid to institutions such as educational and medical bodies and railway institutes.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol I (Revised Edition 1989)	Railway Board Updated up to Correction Slip 226 (30.08.2013)	IREM Volume I, revised edition 1989, embodying correction slips issued up to ACS No. 226 dated 30-08-2013.	2013-08-30	Railway Board	Staged (SECR HQ library) *Consolidated edition, incorporates slips up to 226*
Indian Railway Establishment Manual Vol II (Revised Edition 1990) - Chapters XVII onwards	Railway Board Manual	IREM Volume II, revised edition 1990, with chapters on railway quarters, casual labour, apprentices, staff welfare and co-operative societies.		Railway Board	Staged (SECR HQ library)
Master Circular on Product Design and Exit from NPS (RBA No. 16/2013)	Railway Board Establishment Rule No. 112/2013	Circular forwarding a PFRDA master circular on product design and exit from the National Pension System.	2013-07-02	Railway Board	Staged (SECR HQ library)
Hours of Employment Regulations (HOER) - Question Notes	Railway Board Question paper	Fill-in-the-blank study notes on hours of employment regulations for essentially intermittent staff and hours of rest.		Railway Board	Staged (SECR HQ library)
Index of D&A and Conduct Rules Letters (SECR Personnel Department)	SECR Letter	Index listing personnel department letters on discipline and appeal and conduct rules, with letter number, date and subject.		South East Central Railway	Staged (SECR HQ library)
Special Casual Leave	Railway Board Master Circular No. 10	Railway Board master circular on grant of special casual leave.		Railway Board	Staged (SECR HQ library)
Honorarium	Railway Board Master Circular No. 11	Railway Board master circular on honorarium, covering limits, powers and rates in various cases.		Railway Board	Staged (SECR HQ library)
Date of Birth and its Alteration	Railway Board Master Circular No. 12	Railway Board master circular on declaration, recording and alteration of date of birth.		Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Casual Leave	Railway Board Master Circular No. 15	Railway Board master circular on definition, admissibility and rules of casual leave.		Railway Board	Staged (SECR HQ library)
Educational Assistance	Railway Board Master Circular No. 17	Railway Board master circular on children educational assistance, tuition reimbursement and hostel subsidy.		Railway Board	Staged (SECR HQ library)
Confirmation of Non-Gazetted Staff	Railway Board Master Circular No. 19	Railway Board master circular on confirmation of non-gazetted staff in the initial grade and on promotion.		Railway Board	Staged (SECR HQ library)
Substitutes	Railway Board Master Circular No. 20	Railway Board master circular consolidating instructions on substitutes.		Railway Board	Staged (SECR HQ library)
Resignation	Railway Board Master Circular No. 21	Railway Board master circular on resignation of railway servants, including pending enquiries, date of resignation and re-employment.		Railway Board	Staged (SECR HQ library)
Surplus Staff	Railway Board Master Circular No. 22	Railway Board master circular on identification, bank of posts, redeployment and seniority of surplus staff.		Railway Board	Staged (SECR HQ library)
The Factories Act, 1948	Railway Board Master Circular No. 23	Railway Board master circular on interpretation and application of the Factories Act 1948 to railway workshops.		Railway Board	Staged (SECR HQ library)
Absorption of Medically Decategorised Staff	Railway Board Master Circular No. 25	Railway Board master circular on alternative appointment and absorption of medically decategorised staff.		Railway Board	Staged (SECR HQ library)
Contract Labour (Regulation and Abolition) Act	Railway Board Master Circular No. 26	Railway Board master circular on application of the Contract Labour (Regulation and Abolition) Act 1970.		Railway Board	Staged (SECR HQ library)
Legal Assistance to Railway Staff	Railway Board Master Circular No. 27	Railway Board master circular on when railway staff are entitled to legal assistance.		Railway Board	Staged (SECR HQ library)
Confidential Report of Staff (APAR)	Railway Board Master Circular No. 28	Railway Board master circular on annual confidential reports of staff, forms and reporting authorities.		Railway Board	Staged (SECR HQ library)
Railway Institutes and Clubs	Railway Board Master Circular No. 3	Railway Board master circular on railway institutes and clubs, their cost, management and staff.		Railway Board	Staged (SECR HQ library)
Forwarding of Application for Posts Outside Railways	Railway Board Master Circular No. 30	Railway Board master circular consolidating procedure for forwarding applications of serving railway employees for posts outside the Railways.		Railway Board	Staged (SECR HQ library)
Extension in Service and Re-employment	Railway Board Master Circular No. 33	Railway Board master circular on criteria and powers for extension of service and re-employment.		Railway Board	Staged (SECR HQ library)
Seniority of Non-Gazetted Staff	Railway Board Master Circular No. 34	Railway Board master circular on seniority of non-gazetted staff, covering general principle, transfers		Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		and mutual exchange.			
Retirement	Railway Board Master Circular No. 35	Railway Board master circular on age and date of retirement, premature and medical retirement.		Railway Board	Staged (SECR HQ library)
Arrear Claims and Investigation Thereof	Railway Board Master Circular No. 36	Railway Board master circular on arrear claims, their sanction and procedure.		Railway Board	Staged (SECR HQ library)
Advances from State Railway Provident Fund	Railway Board Master Circular No. 39	Railway Board master circular on advances from the State Railway Provident Fund, sanctioning authority and conditions.		Railway Board	Staged (SECR HQ library)
Drawal of Increments of Non-Gazetted Staff	Railway Board Master Circular No. 46	Railway Board master circular consolidating instructions on drawal of increments of non-gazetted staff.		Railway Board	Staged (SECR HQ library)
Holidays	Railway Board Master Circular No. 47	Railway Board master circular on classification of staff for holidays, entitlement, national holidays and monetary compensation.		Railway Board	Staged (SECR HQ library)
Casual Labour	Railway Board Master Circular No. 48	Railway Board master circular on engagement of casual labour, project casual labour, qualifications, screening and reservation.		Railway Board	Staged (SECR HQ library)
Railway Quarters	Railway Board Master Circular No. 49	Railway Board master circular on allotment of railway quarters, out of turn allotment and related provisions.		Railway Board	Staged (SECR HQ library)
Service Records and Books	Railway Board Master Circular No. 5	Railway Board master circular consolidating orders on service records and books.		Railway Board	Staged (SECR HQ library)
House Building Advance	Railway Board Master Circular No. 50	Railway Board master circular on house building advance: purposes, eligibility, amounts, interest and recovery.		Railway Board	Staged (SECR HQ library)
Pension Scheme on Railways	Railway Board Master Circular No. 53	Railway Board master circular on introduction of the pension scheme on railways and pension options for provident fund employees.		Railway Board	Staged (SECR HQ library)
Qualifying Service for Pensionary Purposes	Railway Board Master Circular No. 54	Railway Board master circular on the concept of qualifying service for pension.		Railway Board	Staged (SECR HQ library)
Emoluments for Retirement Benefits	Railway Board Master Circular No. 55	Railway Board master circular on treatment of absence on EOL or suspension and emoluments for retirement benefits of staff including running staff.		Railway Board	Staged (SECR HQ library)
Fixation of Pay	Railway Board Master Circular No. 56	Railway Board master circular consolidating instructions on fixation of pay.		Railway Board	Staged (SECR HQ library)
Fixation of Pay (under FRs)	Railway Board Master Circular	Master circular on fixation of pay under		Railway Board	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
	No. 56	Fundamental Rules, including pay on promotion or appointment to a higher post.			HQ library)
Master Circular No. 57	Deputation (Updated June 2022, RBE No. 72/2022)	Railway Board master circular consolidating instructions on deputation, updated June 2022.	2022-06-23	Railway Board	Staged (SECR HQ library)
Increments and Efficiency Bar	Railway Board Master Circular No. 58	Railway Board master circular on increments and efficiency bar, including probationers.		Railway Board	Staged (SECR HQ library)
Joining Time	Railway Board Master Circular No. 6	Railway Board master circular on grant of joining time under Chapter 11 of IREC Vol. I.		Railway Board	Staged (SECR HQ library)
Pension Rules	Railway Board Master Circular No. 60	Railway Board master circular on eligibility to pension, classes of pension and superannuation and retiring pension.		Railway Board	Staged (SECR HQ library)
Commutation of Pension	Railway Board Master Circular No. 61	Railway Board master circular on commutation of pension and calculation of commuted value.		Railway Board	Staged (SECR HQ library)
State Railway Provident Fund	Railway Board Master Circular No. 62	Railway Board master circular on State Railway Provident Fund: definitions, compulsory and voluntary subscription and recovery.		Railway Board	Staged (SECR HQ library)
Conduct of Pension Adalats on Railways	Railway Board Master Circular No. 63	Railway Board master circular on conducting pension adalats to redress pensioners' grievances.		Railway Board	Staged (SECR HQ library)
Suspension of Railway Employees	Railway Board Master Circular No. 64	Railway Board master circular consolidating provisions on suspension of railway employees under the Discipline and Appeal Rules 1968.		Railway Board	Staged (SECR HQ library)
Penalties and Disciplinary Authorities	Railway Board Master Circular No. 66	Railway Board master circular on penalties and disciplinary authorities under the Railway Servants (Discipline and Appeal) Rules, 1968.		Railway Board	Staged (SECR HQ library)
Handling of Disciplinary Cases (DAR)	Railway Board Master Circular No. 67	Master circular on points for disciplinary, appellate, revisionary and reviewing authorities and inquiry officers handling disciplinary cases.		Railway Board	Staged (SECR HQ library)
Irregular Retention in Service beyond the Age of Superannuation	SECR Master Circular No. 9 (22.08.2019)	Circular forwarding Master Circular No. 9 on irregular retention in service beyond the age of superannuation.	2019-08-22	South East Central Railway	Staged (SECR HQ library)
Railway Servants (Pass) Rules, 1986 (1993 Edition)	Railway Board Embodying Correction Slips up to 56 (08.05.2008)	Railway Board pass rules for railway servants, 1993 edition including correction slips up to No. 56.	2008-05-08	Railway Board	Staged (SECR HQ library) *Consolidated edition, incorporates slips up to 56*
Railway Servants (Discipline & Appeal)	IRIMEE Jamalpur	IRIMEE slides on the Discipline and Appeal Rules		IRIMEE Jamalpur	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Rules 1968 - IRIMEE Teaching Slides		1968, covering minor and major penalties and standard forms SF-1 to SF-11.			
Railway Servants (Discipline and Appeal) Rules, 1968	Railway Board	Text of the Railway Servants (Discipline and Appeal) Rules, 1968 made under Article 309 of the Constitution.		Railway Board	Staged (SECR HQ library) *Same document also found in: SECR HQ staged library (merged, see DUPLICATES.tsv)*
Railway Servants (Discipline and Appeal) Rules, 1968 - IRIMEE Course Notes	IRIMEE Jamalpur	IRIMEE course notes on the Railway Servants (Discipline and Appeal) Rules, 1968 in seven parts and 31 rules covering penalties, procedure, appeals and revision.		IRIMEE Jamalpur	Live
Railway Servants (Hours of Work and Period of Rest) Rules, 2005	Railway Board 28.02.2005	Rules amending the Hours of Employment Rules 1961 by notification G.S.R. 75 dated 28.02.05.	2005-02-28	Railway Board	Staged (SECR HQ library)
Railway Servants (Hours of Work and Period of Rest) Rules, 2005 (HOER) - IRIMEE Course Notes	IRIMEE Jamalpur	IRIMEE course notes on the hours of employment and period of rest rules, covering definitions, classification, rosters and rest.		IRIMEE Jamalpur	Live
Railway Services (Conduct) Rules, 1966	Railway Board 1966	Railway Services (Conduct) Rules, 1966: short title, definitions and conduct provisions.	1966	Railway Board	Staged (SECR HQ library)
Railway Services (Conduct) Rules, 1966	South Central Railway Summary (11.11.2021)	Summary of the main duties of a railway employee under the Railway Services (Conduct) Rules, 1966.	2021-11-11	South Central Railway	Staged (SECR HQ library)
Railway Services (Pension) Rules, 1993 - Embodying All Amendments up to 17.06.16	Railway Board 17.06.2016	Railway Board pension rules for railway services, with all amendments up to 17 June 2016.	2016-06-17	Railway Board	Staged (SECR HQ library)
Revision of Railway Servants (Hours of Employment) Rules, 1961 - G.S.R. 75	Railway Board 28.02.2005	Railway Board notification G.S.R. 75 revising the Railway Servants (Hours of Employment) Rules, 1961.	2005-02-28	Railway Board	Staged (SECR HQ library)
Circular - Disciplinary Authority	SECR Circular 03.03.2020	SECR clarification on whether an officer on the agreed or secret list can act as disciplinary authority.	2020-03-03	South East Central Railway	Staged (SECR HQ library)
Circular - Filing of Court Cases by Railway Servants without Following Official Procedure	SECR Circular	SECR circular on railway servants filing court cases without following official procedure, under Rule 19 of the Conduct Rules 1966.		South East Central Railway	Staged (SECR HQ library)
Circular - Practice of D&A Rules	SECR Circular	SECR circular forwarding a Railway Board letter on the hierarchy followed in D&A rules cases.		South East Central Railway	Staged (SECR HQ library)
Appointment of Substitutes on the Railways	SECR Establishment Rule No. 172/2010	SECR publication of Railway Board letter RBE No. 137/2010 on appointment of substitutes on the	2010	South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		railways.			
Transfer on Own Request Policy Guidelines	SECR Establishment Rule No. 232/2017	SECR Personnel Department guidelines on transfer on own request following Railway Board Establishment Rule instructions.	2017	South East Central Railway	Staged (SECR HQ library)
Engagement, Absorption and Discharge of Substitute Bungalow Peons and TADK	SECR Establishment Rule No. 250/2010	SECR policy on engagement, absorption and discharge of substitute bungalow peons and telephone attendant dak khalasis.	2010	South East Central Railway	Staged (SECR HQ library)
Comprehensive Transfer Policy, Eligibility Service Condition for Non-Gazetted Employees on Inter-Railway Request Transfer	SECR Establishment Rule No. 92/2022	SECR circular on eligibility service conditions for non-gazetted employees seeking inter-railway request transfer.	2022-03-23	South East Central Railway	Staged (SECR HQ library)
Standard Forms Connected with Discipline and Appeal (DAR) Section	Railway Board	Standard forms under the Railway Servants (Discipline and Appeal) Rules, 1968, such as the order of suspension.		Railway Board	Staged (SECR HQ library)
Standard Forms for Major and Minor Penalty Charge Memorandums	Railway Board 1968	Instructions on standard forms for major and minor penalty charge memorandums, based on Railway Board letters of 1966 and 1968.	1968	Railway Board	Staged (SECR HQ library)
The Railway Servants (Discipline and Appeal) Rules, 1968	Railway Board 1968	Railway Board edition of the Railway Servants (Discipline and Appeal) Rules, 1968 with an amendment table.	1968	Railway Board	Live
The Railway Services (Conduct) Rules, 1966	Document 1966	Text of the Railway Services (Conduct) Rules, 1966, starting with short title and definitions.	1966		Live

Recruitment & promotion (56)

Title	Doc no.	Subject	Issued	Issuer	Status
Central Administrative Tribunal, Jabalpur Bench	Central Administrative Tribunal, Jabalpur Bench OA No. 200/263/2023, Reservation in Promotion	Judgment of the Central Administrative Tribunal, Jabalpur Bench, in an original application on reservation in promotion.	2023-07-13	Central Administrative Tribunal, Jabalpur Bench	Staged (SECR HQ library)
Consolidated Instructions Governing Promotion from Group C to Group B	Railway Board 30.03.2007	Railway Board master circular consolidating instructions on promotion from Group C (non-gazetted) to Group B (gazetted) posts.	2007-03-30	Railway Board	Staged (SECR HQ library)
Master Circular on Probation and Confirmation in Central Services	DoPT Master Circular	DoPT office memorandum master circular on probation and confirmation in central services.		DoPT	Staged (SECR HQ library)
Inserting a General Provision in IREM for Diversion of Unfilled Vacancies to	Establishment Circular 161-2014	Circular on a general provision in IREM to divert unfilled departmental vacancies to LDCE/GDCE or	2014		Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
LDCE/GDCE or DR Quota		direct recruitment quota.			
Clarification on Recruitment Rules of Loco Pilots, Shunters, Drivers and Loco Inspectors in IREM Vol. I	Railway Board Establishment Circular 326/2019	Railway Board clarification on the meaning of cadre for loco running staff in the recruitment rules of IREM Volume I.	2019-08-16	Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol I - Extract on Recruitment Qualifications	Railway Board Manual	Extract of IREM Volume I text on direct recruitment through Railway Recruitment Boards and the educational qualifications required.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Appendix 4 - Promotion to and Confirmation in the Rank of Stock Verifiers	Railway Board Manual	IREM Volume I appendix on promotion of Accounts Assistants to Accounts Stock Verifiers and confirmation.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter I Section D - Verification of Character and Antecedents	Railway Board Manual	IREM Volume I Chapter I Section D on verification of character and antecedents before appointment and exclusion from government service.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter II - Rules Governing Promotion of Subordinate Staff	Railway Board Manual	IREM Volume I Chapter II on promotion of Group B and subordinate staff.		Railway Board	Staged (SECR HQ library)
Appendix II (IREM) Examination 2010 - Elementary Book Keeping	SECR Question paper 2010	South East Central Railway Appendix II IREM examination question paper 2010 on elementary book keeping.	2010	South East Central Railway	Staged (SECR HQ library)
Appendix II (IREM) Examination 2012-13 - Elementary Book Keeping	SECR Question paper 2012	South East Central Railway Appendix II IREM examination question paper 2012-13 on elementary book keeping.	2012	South East Central Railway	Staged (SECR HQ library)
Appendix II (IREM) Examination 2015 - General Expenditure	SECR Question paper 2015	South East Central Railway Appendix II IREM examination question paper 2015 on general expenditure.	2015	South East Central Railway	Staged (SECR HQ library)
Appendix II (IREM) Examination 2016 - Elementary Book Keeping	SECR Question paper 2016	South East Central Railway Appendix II IREM examination question paper 2016 on elementary book keeping.	2016	South East Central Railway	Staged (SECR HQ library)
Appendix II (IREM) Examination 2018 - Elementary Book Keeping	SECR Question paper 2018	South East Central Railway Appendix II IREM examination question paper 2018 on elementary book keeping.	2018	South East Central Railway	Staged (SECR HQ library)
Appendix II (IREM) Examination 2019 - Elementary Book Keeping	SECR Question paper 2019	South East Central Railway Appendix II IREM examination question paper 2019 on elementary book keeping.	2019	South East Central Railway	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I - Updated July 2023	Railway Board Manual 07.2023	IREM Volume I updated July 2023, beginning with Chapter I on recruitment, training, confirmation and	2023-07	Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		re-employment.			
Appendix II (IREM) Examination 2023 (Accounts)	SECR Notification dated 16.11.2023	South East Central Railway Principal Financial Adviser notification concerning the Appendix II IREM examination 2023.	2023-11-16	South East Central Railway	Staged (SECR HQ library)
Index of Reservation in Promotion Instructions	SECR	Index of Railway Board letters, RBE numbers and SECR letters on reservation in promotion, starting from 1997.		South East Central Railway	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I - Chapter I Recruitment, Training, Confirmation and Re-employment (Initial)	Railway Board Manual	IREM Volume I Chapter I contents on training of officers, recruitment and training of Group C and D and workshop staff.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Appendix 1 - Training of Indian Railway Accounts Service Probationers	Railway Board Manual	IREM Volume I appendix on training of Indian Railway Accounts Service probationers.		Railway Board	Staged (SECR HQ library)
Indian Railway Establishment Manual Vol. I Chapter I - Recruitment, Training, Confirmation and Re-employment	Railway Board Manual	IREM Volume I Chapter I on recruitment to the lowest grade of a category and related rules.		Railway Board	Staged (SECR HQ library)
Legal Notice on Reservation in Promotion (27.12.2023)	Document 27.12.2023	Legal notice addressed to the Railway Board and the Department of Personnel and Training on reservation in promotion.	2023-12-27		Staged (SECR HQ library)
Reservation in Jobs for Physically Handicapped Persons	Railway Board Master Circular No. 13	Railway Board master circular on quota, categories, vacancy counting and concessions for reservation of jobs for physically handicapped persons.		Railway Board	Staged (SECR HQ library)
Recruitment Against Sports Quota	Railway Board Master Circular No. 14	Railway Board master circular on recruitment of sportspersons, quotas and minimum norms.		Railway Board	Staged (SECR HQ library)
Training of Direct Recruit Staff	Railway Board Master Circular No. 29	Railway Board master circular on training period, qualifying examination and service agreement for direct recruit staff.		Railway Board	Staged (SECR HQ library)
Promotion to Selection Posts	Railway Board Master Circular No. 31	Railway Board master circular on selection posts, selection boards and selection procedure for promotion.		Railway Board	Staged (SECR HQ library)
Recruitment Rules and Recruitment of Non-Gazetted Staff	Railway Board Master Circular No. 32	Railway Board master circular consolidating orders on recruitment rules and recruitment of non-gazetted staff.		Railway Board	Staged (SECR HQ library)
Promotion of Non-Gazetted Staff	Railway Board Master Circular No. 37	Railway Board master circular on promotion: definition, non-selection posts, vacancies, eligibility and suitability tests.		Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Trade Tests	Railway Board Master Circular No. 43	Railway Board master circular on trade tests: procedure, calculation of vacancies, approval and repeat trade test.		Railway Board	Staged (SECR HQ library)
Reservation for Scheduled Castes and Scheduled Tribes in Railway Services	Railway Board Master Circular No. 51	Railway Board master circular on reservation for SC/ST in railway services: scope, exemptions, rosters and definitions.		Railway Board	Staged (SECR HQ library)
Re-employment Including Employment of Consultants	Railway Board Master Circular No. 52	Railway Board master circular on re-employment after superannuation and employment of consultants.		Railway Board	Staged (SECR HQ library)
Promotion from Group C to Group B (2019)	Railway Board Master Circular No. 68 (2019)	Railway Board master circular on consolidated instructions governing promotion from Group C to Group B posts.	2019	Railway Board	Staged (SECR HQ library)
Policy on PwBD Reservation in Promotion (23 March 2023)	SECR Policy 23.03.2023	South East Central Railway headquarters personnel department policy on reservation in promotion for persons with benchmark disabilities.	2023-03-23	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion to Persons with Benchmark Disabilities	Railway Board Letter No. E(GP)2022/2/20	Railway Board letter to General Managers and Production Units on reservation in promotion for persons with benchmark disabilities.	2023-03-13	Railway Board	Staged (SECR HQ library)
Modified Assured Career Progression (MACP)	RBE No. 101/2009	Railway Board circular PC-V/2009/ACP/2 to General Managers on the assured career progression scheme.	2009-06-10	Railway Board	Staged (SECR HQ library)
Reservation in Promotion (04-01-2024)	Document 04.01.2024	Document on reservation in promotion dated 04-01-2024; no text was available.	2024-01-04		Staged (SECR HQ library)
Appendix II (IREM) Examination 2014 - Question Paper	SECR Question paper 2014	South East Central Railway Appendix II IREM examination question paper 2014 with accounting questions.	2014	South East Central Railway	Staged (SECR HQ library)
Appendix II (IREM) Examination 2020 - Question Paper	SECR Question paper 2020	South East Central Railway Appendix II IREM examination question paper 2020 with accounting questions.	2020	South East Central Railway	Staged (SECR HQ library)
Circular - Selection of Investigating Inspector (Vigilance) in Vigilance Directorate, Railway Board	SECR Circular 2015	Circular on selection of Investigating Inspector (Vigilance) / Civil Engineering in the Vigilance Directorate, Railway Board.	2015	South East Central Railway	Staged (SECR HQ library)
Establishment Rule - Implementation of RBE No. 117/2016 (Estt. Rule No. 150/2016) on Reserved Category Promotions, Clarification	SECR 2017	SECR personnel circular clarifying implementation of RBE 117/2016 on promotions of reserved category staff to unreserved posts.	2017	South East Central Railway	Staged (SECR HQ library)
Letter	SECR Reference to Board's Letter	South East Central Railway personnel department	2024-01-02	South East Central	Staged (SECR

Title	Doc no.	Subject	Issued	Issuer	Status
	89, Reservation in Promotion (02.01.2024)	letter on reservation in promotion referring to a Railway Board letter.		Railway	HQ library)
Reservation in Promotion for SC and ST Non-Gazetted Staff, 2023	SECR Letter	South East Central Railway personnel department instructions on reservation in promotion for SC and ST non-gazetted staff.		South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion for PwBDs, Clarification	SECR Letter 216-2023	South East Central Railway personnel department letter clarifying reservation in promotion for persons with benchmark disabilities.	2023-11-20	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion for PwBDs	SECR Letter 239-2023	South East Central Railway personnel department letter on reservation in promotion for persons with benchmark disabilities.	2023-12-12	South East Central Railway	Staged (SECR HQ library)
Letter P-HQ/RUL - Reservation in Promotion to PwD	SECR Letter 03.02.2023	South East Central Railway personnel department letter on reservation in promotion for persons with disabilities.	2023-02-03	South East Central Railway	Staged (SECR HQ library)
Clarification on Application of Reservation in Promotion	SECR Letter P-HQ/RUL/105/2 (27.01.2023)	South East Central Railway personnel department letter clarifying the application of reservation in promotion.	2023-01-27	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion (04.01.2024)	SECR Letter P-HQ/RUL/105/2 (04.01.2024)	South East Central Railway personnel department letter on reservation in promotion, sent to divisional personnel officers.	2024-01-04	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion (09.11.2023)	SECR Letter P-HQ/RUL/105/2 (09.11.2023)	South East Central Railway personnel department letter to the Railway Board on reservation in promotion.	2023-11-09	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion to PwBD (05.08.2024)	SECR Letter P-HQ/RUL/105/5 (05.08.2024)	South East Central Railway letter to Railway Board on reservation in promotion to persons with benchmark disabilities.	2024-08-05	South East Central Railway	Staged (SECR HQ library)
Clarification on Reservation in Promotion (19.12.2024)	SECR Letter P-HQ/RUL/123/1 (19.12.2024)	South East Central Railway personnel department letter clarifying reservation in promotion.	2024-12-19	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion	SECR Letter P-HQ/RUL/123/1 (19.06.2023)	South East Central Railway personnel department reply to a staff association on reservation in promotion.	2023-06-19	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion for PwBD (26.12.2023)	SECR Letter P-HQ/RUL/123/2 (26.12.2023)	South East Central Railway personnel department letter to the Railway Board on reservation in promotion for persons with benchmark disabilities.	2023-12-26	South East Central Railway	Staged (SECR HQ library)
Reservation in Promotion to Persons with Benchmark Disabilities (May 2024)	SECR Letter P-HQ/RUL/123/2 (05.2024)	South East Central Railway letter on reservation in promotion for persons with benchmark disabilities, referring to a DoPT OM.	2024-05	South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Personnel Circular - Master Circular on Promotion of Non-Gazetted Staff	SECR Master Circular 2019	SECR headquarters personnel department circular on promotion of non-gazetted staff, referring to Railway Board instructions.	2019	South East Central Railway	Staged (SECR HQ library)
Amendment to Para 122 of IREM Vol. I, Filling up Posts of Station Masters	SECR Personnel Circular 138-2023	South East Central Railway circular on amendment to Para 122 of IREM Vol. I regarding filling up posts of Station Masters.	2023	South East Central Railway	Staged (SECR HQ library)
Staff Association Representation on PWD Reservation in Promotion (24.05.2022)	Presentation 24.05.2022	Representation to the General Manager, South East Central Railway, on reservation in promotion for persons with disabilities, with court references.	2022-05-24		Staged (SECR HQ library)

Other personnel (26)

Title	Doc no.	Subject	Issued	Issuer	Status
Comprehensive Transfer Policy - IRRT 10 Years	Policy	Document on the comprehensive transfer policy and the 10-year provision; no text was available.			Staged (SECR HQ library)
Comprehensive Transfer Policy for Railway Officers (145-2015)	SECR Policy	South East Central Railway personnel department circular on the comprehensive transfer policy for railway officers.		South East Central Railway	Staged (SECR HQ library)
Comprehensive Transfer Policy of Officers	Policy	Document on the comprehensive transfer policy of officers; no text was available.			Staged (SECR HQ library)
Comprehensive Transfer Policy of Railway Officers and Committee for Transfers	Policy	Note on the comprehensive transfer policy for railway officers, referring to Railway Board letters of 31.08.2015 and 30.12.2015.			Staged (SECR HQ library)
Handbook on Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013	CAMTECH Handbook	CAMTECH handbook on the 2013 Act on sexual harassment of women at workplace for employers, institutions and complaints committees.		CAMTECH	Staged (SECR HQ library)
Index of Railway Board Master Circulars	Railway Board Master Circular	Index table of master circulars with MC number, date, subject, RBE number and ER number.		Railway Board	Staged (SECR HQ library)
Holiday Homes	Railway Board Master Circular No. 2	Railway Board master circular on holiday homes: principles, charges and list of holiday homes on railways.		Railway Board	Staged (SECR HQ library)
Canteens on Railways	Railway Board Master Circular No. 38	Railway Board master circular on statutory and non-statutory canteens, setting up of canteens and terms of canteen staff.		Railway Board	Staged (SECR HQ library)
Staff Benefit Fund	Railway Board Master Circular No. 4	Railway Board master circular on the objectives, credit sources and per capita distribution of the Staff Benefit Fund.		Railway Board	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Deputation of Railway Employees	Railway Board Master Circular No. 40	Railway Board master circular on deputation to public enterprises, abroad, RITES/IRCON and other departments.		Railway Board	Staged (SECR HQ library)
Leave Reserve	Railway Board Master Circular No. 41	Railway Board master circular on leave reserve for permanent and temporary posts and its distribution.		Railway Board	Staged (SECR HQ library)
Cultural Activities on Railways	Railway Board Master Circular No. 42	Railway Board master circular on promotion of cultural activities on the Railways and inter-divisional and inter-railway cultural events.		Railway Board	Staged (SECR HQ library)
Staff Under Training	Railway Board Master Circular No. 44	Railway Board master circular covering train passing and non-train passing staff, training periods and trainee reserve posts.		Railway Board	Staged (SECR HQ library)
Miscellaneous Instructions	Railway Board Master Circular No. 59	Railway Board master circular on miscellaneous subjects such as recovery for loss of duty card passes and festival advance.		Railway Board	Staged (SECR HQ library)
Dealings with Associations	Railway Board Master Circular No. 65	Railway Board master circular on examination of grievances referred by associations, informal meetings and special casual leave for office bearers.		Railway Board	Staged (SECR HQ library)
Master Circular - Product Design and Exit from National Pension System (NPS)	PFRDA Master Circular 22.01.2013	PFRDA master circular on product design and exit from the National Pension System.	2013-01-22	PFRDA	Staged (SECR HQ library)
Signal and Telecom Directorate Organisation Chart (Signal) dated 2026-10-16	RDSO 16.10.2026	Organisation chart of RDSO Signal and Telecom Directorate showing the Signal, Kavach, QA and Lab posts.	2026-10-16	RDSO	RDSO intranet - being processed
Signal and Telecom Directorate Organisation Chart in English (dated 2026-10-16)	RDSO 16.10.2026	Organisation chart of the RDSO Signal and Telecom Directorate showing Signal, Kavach, QA and Lab posts.	2026-10-16	RDSO	RDSO intranet - being processed
Signal and Telecom Directorate Organisation Chart in Hindi (dated 2026-10-16)	RDSO 16.10.2026	Hindi organisation chart of the RDSO Signal and Telecom Directorate; no text extracted.	2026-10-16	RDSO	RDSO intranet - being processed
Telecom Directorate Organisation Chart (dated 2026-08-31)	RDSO 31.08.2026	Organisation chart of the RDSO Telecom Directorate showing posts under the Principal Executive Director/Signal and Telecom.	2026-08-31	RDSO	RDSO intranet - being processed
Comprehensive Transfer Policy	SECR Estt Rule No. 15/2023	South East Central Railway personnel department letter on the comprehensive transfer policy.	2023-01-06	South East Central Railway	Staged (SECR HQ library)
Transfer Policy	SECR File No. SECR-HQ0PERS(RUL)/3/2020	South East Central Railway personnel department document on transfer policy.		South East Central Railway	Staged (SECR HQ library)
Comprehensive Transfer Policy, IRRT 10 Years Enhancement	SECR Letter P-HQ/RUL/116/1 (09.05.2023)	South East Central Railway letter to the Railway Board on enhancement of the 10-year provision in	2023-05-09	South East Central Railway	Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
		the comprehensive transfer policy.			
Policy Letter - Cashless Treatment Scheme in Emergency (CTSE) in Empanelled Hospitals for Retired Employees and Dependents	SECR Letter	SECR policy letter on the cashless treatment scheme in emergency for retired employees and their dependent family members, based on a Railway Board letter of 14.07.2016.		South East Central Railway	Staged (SECR HQ library)
Policy Letter - Cashless Treatment Scheme in Emergency (CTSE) in Empanelled Hospitals for Retired Employees, One Time Subscription	SECR Letter 24.01.2017	SECR policy letter on the cashless treatment scheme in emergency for retired employees, including the one time subscription for joining the scheme.	2017-01-24	South East Central Railway	Staged (SECR HQ library)
Electrical Department Letter - HOER Computation of Duty Hours	SECR Letter 19.03.2019	SECR Electrical Department letter on computation of duty hours under the Hours of Employment Regulations (HOER).	2019-03-19	South East Central Railway	Staged (SECR HQ library)

Finance & stores (10)

Finance & accounts (4)

Title	Doc no.	Subject	Issued	Issuer	Status
General Financial Rules 2017 (Annotated, Updated up to 31.01.2026)	Document 31.01.2026	Annotated General Financial Rules 2017 updated up to 31.01.2026.	2026-01-31		Staged (SECR HQ library)
Indian Railway Finance Code Volume II - Appendices (Revised Edition, September 2022)	Railway Board 09.2022	Indian Railway Finance Code Volume II appendices on classification of accounts of expenditure and revenue, embodying correction slips.	2022-09	Railway Board	Staged (SECR HQ library)
Indian Railway Financial Code Vol I, Chapter II - Financial Appraisal of Railway Projects (Consolidated)	Railway Board (Finance)	Consolidated chapter of the Indian Railway Financial Code on financial appraisal of railway projects, including depreciation provision and normal lives of assets.		Railway Board (Finance)	Live
Model Schedule of Powers 2018 (Updated as on 06.08.24)	Railway Board 06.08.2024	Railway Board Model Schedule of Powers 2018, updated as on 06.08.2024.	2024-08-06	Railway Board	Staged (SECR HQ library)

Stores & purchase (2)

Title	Doc no.	Subject	Issued	Issuer	Status
Modifications to Stores Code	Unnumbered	List of modifications to the stores code, including para 501 on scrutiny of contracts and acceptance of tenders.			Staged (SECR HQ library)

Title	Doc no.	Subject	Issued	Issuer	Status
Stores Code Review - Schedule of Powers of COS and CMM	Unnumbered	Table of items, nature of power and extent of powers of the Controller of Stores and Chief Materials Manager.			Staged (SECR HQ library)

Tenders & EoI (4)

Title	Doc no.	Subject	Issued	Issuer	Status
Indian Railways Standard General Conditions of Contract (GCC), April 2022	Railway Board 04.2022	Railway Board standard general conditions of contract for works, April 2022.	2022-04	Railway Board	Staged (SECR HQ library)
General Conditions of Contract for Services	Railway Board Letter No. 2018/Trans. Cell/Mech./Service Contracts	Railway Board letter circulating the general conditions of contract for service contracts.	2018-03-20	Railway Board	Staged (SECR HQ library)
Defining Similar Work in Eligibility Criteria for Works Tender	SECR S&T Policy Letter No. 768 (30.06.2011)	SECR S&T letter clarifying the definition of similar work in eligibility criteria for telecom works tenders.	2011-06-30	South East Central Railway	Staged (SECR HQ library)
EoI for Development of Indigenous Vendors for RFID Readers and RFID Tags for Kavach	Tender CoE-IRISET-03-25 (17.10.2025)	IRISET e-tender document for development of indigenous vendors for RFID readers and tags for Kavach applications, with a 210 day completion period.	2025-10-17	IRISET	RDSO intranet - being processed

Other documents (7)

Unclassified (7)

Title	Doc no.	Subject	Issued	Issuer	Status
Functions of the RDSO Signal Directorate	RDSO	List of functions of the Directorate including design and standardisation of signalling and safety equipment, vendor development, specifications and pre-commissioning checklists.		RDSO	RDSO intranet - being processed
Important Achievements of RDSO Signal Directorate (as on September 2023)	RDSO 09.2023	Table of achievements of the Signal Directorate by year with benefits and status, such as TPWS specification, digital axle counters and LED signals.	2023-09	RDSO	RDSO intranet - being processed
Important Signalling Projects of RDSO as on 21.09.2023	RDSO 21.09.2023	List of important signalling projects, starting with Kavach (TCAS) development and its phase 2 works.	2023-09-21	RDSO	RDSO intranet - being processed
Low-Voltage Switchgear and Controlgear, Part 1 General Rules (Ingress Protection)	Bureau of Indian Standards IS 13947 (Part 1): 1993	Indian Standard specification for low-voltage switchgear and controlgear, general rules, identical with IEC 947-1.	1993	Bureau of Indian Standards	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
Outward Rake Area Summary (02-Sep-23)	Document 02.09.2023 MC8	Two-page table summarising outward rake counts by stock group and destination railway as of 24:00 hrs on 02-Sep-23.	2023-09-02		Staged (SECR HQ library)
Computerisation of Goods Terminals under FOIS Terminal Management System	Railway Board Master Policy Circular (Rates Circular No. 2/2005)	Railway Board master policy circular on computerisation of goods terminals under the FOIS Terminal Management System.	2005-01-14	Railway Board	Staged (SECR HQ library)
Station Master - 326 Stations with Code, Division, State, Category and Amenities (Revised 09.10.2026)	SECR 09.10.2026	Table of 326 SECR stations of Bilaspur, Nagpur and Raipur divisions with station code, division, state, category and amenities.	2026-10-09	South East Central Railway	Live

4. By maker / company

Documents grouped by the maker or company named in the title, subject or issuer (fixed list of makers; a document naming several makers appears under each). Makers are tagged by rule, not read by a person: check against the document.

Medha (56)

Title	Doc no.	Subject	Issued	Issuer	Status
Kavach CoE-Medha Joint Note dated 04.01.2023 - Unwarranted RFID Tag Reading, with Annexures	IRISET 2023	Joint note by IRISET CoE and Medha on unwarranted reading of RFID tags from nearby tracks, observed in trials at Maula Ali and Lallaguda sheds.	2023	IRISET	RDSO intranet - being processed
Pre-Installation Check List for Medha Onboard KAVACH, Version 2.0 (MCA110V2-LVK-PICL)	Medha Servo Drives Pvt. Ltd. Test format	Medha pre-installation checklist for onboard Kavach.		Medha Servo Drives Pvt. Ltd.	Live
Pre-Installation Check List for Medha Stationary KAVACH, Version 2.0 (Doc ID MCA110V2-SVK-PICL)	Medha Servo Drives Pvt. Ltd. Test format	Medha pre-installation checklist for stationary Kavach.		Medha Servo Drives Pvt. Ltd.	Live
Pre-commissioning Checklist for Medha Stationary TCAS	RDSO SIF 0516	RDSO pre-commissioning checklist for the Medha stationary TCAS.	2016-01-19	RDSO	Live
Pre-commissioning Check List for Medha STCAS-RIU (Remote Interface Unit)	RDSO SIF-0544 Ver 1.0	RDSO pre-commissioning checklist for the Medha stationary TCAS remote interface unit.	2020-12-21	RDSO	Live
Installation Manual of Onboard Kavach (Medha)	Medha Servo Drives Pvt. Ltd. IM-481 Rev 2.3	Installation manual for the Medha onboard Kavach equipment.		Medha Servo Drives Pvt. Ltd.	Live
Installation Manual of Stationary Kavach (Medha)	Medha Servo Drives Pvt. Ltd. IM-484 Rev 2.4 (07.2025)	Medha installation manual for stationary Kavach equipment.	2025-07	Medha Servo Drives Pvt. Ltd.	Live
CoE Letter to RDSO on Kavach Brake Interfacing Drawings for HHP Diesel	CoE Kavach Letter 15.04.2025	CoE letter sending a draft Kavach interfacing scheme for WDP4D/WDG4D locomotives with Medha	2025-04-15	CoE Kavach (IRISET)	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Locomotives		propulsion and generic interface requirements for review by HHP propulsion makers.			processed
User Manual for MCA110V2 Loco Kavach Driver Machine Interface (Medha)	Medha Servo Drives MCA110V2-DMI-UM-2.4 Ver 2.4 (30.06.2025)	Medha user manual for the driver machine interface of the MCA110V2 loco Kavach, made per RDSO/SPN/196/2020.	2025-06-30	Medha Servo Drives	Live
Troubleshooting & Maintenance Manual for MCA110V2 Onboard Kavach (Medha)	Medha Servo Drives MCA110V2-LVK-TMM Ver 2.2 (12.12.2024)	Medha troubleshooting and maintenance manual for the MCA110V2 onboard Kavach, updated per RDSO/SPN/196/2020.	2024-12-12	Medha Servo Drives	Live
User Manual for MCA110V2 Station Master's Operation cum Indication Panel (Medha)	Medha Servo Drives MCA110V2-SOIP-UM Ver 2.1 (29.01.2025)	Medha user manual for the station master's operation cum indication panel of the MCA110V2 stationary Kavach.	2025-01-29	Medha Servo Drives	Live
Troubleshooting & Maintenance Manual for MCA110V2 Stationary Kavach (Medha)	Medha Servo Drives MCA110V2-SVK-TMM Ver 2.2 (06.12.2024)	Medha troubleshooting and maintenance manual for the MCA110V2 stationary Kavach, updated per RDSO/SPN/196/2020.	2024-12-06	Medha Servo Drives	Live
Medha Loco TCAS Configuration Tool User Manual Version 1.6 - Approval with Braking Parameters for WAP-7	Medha Servo Drives Pvt. Ltd. Manual	Medha Loco TCAS configuration tool user manual version 1.6 (Doc Id MEDHA-LTCAS-CNFG_UM-1_6) forwarded for approval with braking parameters for WAP-7.		Medha Servo Drives Pvt. Ltd.	RDSO intranet - being processed
Approval of Medha Onboard Kavach Configuration User Manual Ver 2.5	RDSO Letter No. RDSO/SIGOKVCH(MEDH)/2/2026	RDSO approval of the Medha Onboard Kavach configuration user manual version 2.5 with checksums of train parameter files for various locomotives.	2026-03-12	RDSO	Live
Monthly Maintenance Schedule for Remote Interface Unit (Medha)	RDSO SIF-0549 Ver 1.0	RDSO monthly maintenance schedule for the Medha Kavach (STCAS) Remote Interface Unit covering NMS, power supply, battery charger and equipment checks.	2020-12-21	RDSO	Live
CoE IRISET Letter - Speeds Used in Field Trials, SPAD Prevention and Other Tests; Approval of Medha Loco TCAS Configuration Tool User Manual	CoE Kavach Letter 2023	Letter on approval of the Medha loco TCAS configuration tool manual with braking parameters for WAP-7 and speeds used in field trials.	2023	CoE Kavach (IRISET)	RDSO intranet - being processed
Kavach: Observations on Medha Loco Simulator at Site for Testing Stationary Kavach	IRISET CoE Letter dated 25.07.2023	IRISET CoE letter of 25 July 2023 with observations on the Medha loco simulator used at site for testing stationary Kavach; no text available.	2023	IRISET	RDSO intranet - being processed
CoE Letter to Medha on Delay in BP Dropping during Kavach ATP Brake Application through IRAB BIU	CoE Kavach Letter 03.10.2023	CoE letter to Medha Servo on delay in brake pipe dropping when Kavach applies brakes through the Medha IRAB brake interface unit, with test results on a locomotive.	2023-10-03	CoE Kavach (IRISET)	RDSO intranet - being processed

Title	Doc no.	Subject	Issued	Issuer	Status
IRISET/CoE/Kavach/Misc - Delay in BP Dropping during Application of Brakes through Kavach BIU in Loco 22592	IRISET Letter 09.06.2023	IRISET CoE letter to Medha on delayed brake pipe dropping on Kavach brake application in a loco, traced to the BIU A9 control module.	2023-06-09	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Approval of Products with Functionally Dissimilar Timeouts from Different Makes	IRISET Letter 20.12.2023	IRISET CoE letter to RDSO noting that Kernex and Medha onboard Kavach use different timeouts for transition to limited supervision despite approval to the same specification.	2023-12-20	IRISET	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Testing of Medha RFID Reader with Updated Firmware in Locomotives	IRISET Letter 21.02.2023	IRISET CoE letter to RDSO reporting joint testing with Medha of an RFID reader with updated firmware, in which unwarranted reading was not noticed.	2023-02-21	IRISET	RDSO intranet - being processed
Interoperability Issue of HBL L-Kavach in Medha S-Kavach Section	CoE-14/2026	CoE note on failures of HBL locomotive Kavach in a Medha station Kavach section on the PWL-NZM section.	2026	CoE Kavach (IRISET)	RDSO intranet - being processed
Independent Safety Assessment of Medha MCA110 Train Collision Avoidance System (TCAS)	IND.MTCAS/OR052/21 AS/01 Rev 1.0 (06.03.2024)	Independent safety assessment report of the Medha MCA110 train collision avoidance system for a specific application on an SCR project.	2024-03-06		Live
Medha MEI633 Electronic Interlocking System Manual	Medha Servo Drives IM-146 Rev 4.1 Ver 1.1 (11.2021)	Medha system manual for the MEI633 electronic interlocking covering description, subsystems, configuration and features per RDSO/SPN/192/2019.	2021-11	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Troubleshooting & Maintenance Manual	Medha Servo Drives IM-177 Rev 3.2 Ver 1.1 (12.2022)	Medha manual for troubleshooting, recovery and maintenance of the MEI633 electronic interlocking per RDSO/SPN/192/2019, with monthly maintenance schedule.	2022-12	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Startup Manual	Medha Servo Drives IM-178 Rev 3.1 Ver 1.1 (11.2021)	Medha manual on startup of the MEI633 electronic interlocking, covering initial checks, power on, indications, changeover and panel PC indications.	2021-11	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Installation and Commissioning Manual	Medha Servo Drives IM-192 Rev 2.1 Ver 1.1 (11.2021)	Medha manual for installation and commissioning of the MEI633 electronic interlocking per RDSO/SPN/192/2019, with checklists, power, wiring, earthing and OFC arrangements.	2021-11	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Configuration & Programming Guide	Medha Servo Drives IM-193 Rev 3.2 Ver 1.1 (11.2021)	Medha guide to printed circuit board configuration and application data programming of the MEI633 electronic interlocking per RDSO/SPN/192/2019.	2021-11	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Installation and Commissioning Manual	Medha Servo Drives MEI633 IACM-1.1 Ver 1.1 (15.07.2010)	Medha manual for installation and commissioning of the MEI633 electronic interlocking, including pre-commissioning checklist, wiring, earthing and testing.	2010-07-15	Medha Servo Drives	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Medha MEI633 Electronic Interlocking Maintenance Terminal User Manual	Medha Servo Drives MEI633 MT UM 1.1 Ver 1.1 (10.07.2010)	Medha user manual for the maintenance terminal of the MEI633 electronic interlocking, describing menu options and screens.	2010-07-10	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking System Manual	Medha Servo Drives MEI633 SM 1.0 Ver 1.0 (03.02.2010)	Medha system manual for the MEI633 electronic interlocking describing its functions, subsystems and software.	2010-02-03	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Training Manual	Medha Servo Drives MEI633 TM-1.1 Ver 1.1 (04.07.2010)	Medha training manual for the MEI633 electronic interlocking covering subsystems, hardware, and troubleshooting.	2010-07-04	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking Troubleshooting & Maintenance Manual	Medha Servo Drives MEI633 TMM-1.1 Ver 1.1 (15.07.2010)	Medha manual for troubleshooting and maintenance of the MEI633 electronic interlocking, covering subsystem components, controls and indications.	2010-07-15	Medha Servo Drives	Live
Medha MEI633 Electronic Interlocking System Overview	Medha Servo Drives MEI633-SYSOVR-1.0 Ver 1.0 (04.2010)	Medha system overview of the MEI633 electronic interlocking covering development, operation, hardware, software, communication and safety concept.	2010-04	Medha Servo Drives	Live
Relisting of Medha MEI 633 Electronic Interlocking	RDSO Letter No. STS/L/SSI/Medha/Vol 65/612 (09.05.2019)	RDSO letter relisting the Medha MEI-633 electronic interlocking as approved vendor for developmental orders after upgrade of executive software to version 1.2.	2019-05-09	RDSO	Live
Technical Advisory Note - Guidelines on Minor Modifications in Application Software of Medha Electronic Interlocking (MEI)	RDSO Specification	RDSO technical advisory note giving guidelines on minor modifications or alterations in the application software of Medha electronic interlocking.		RDSO	Live
STS/L/SSI/Medha - Initial Type Approval for Electronic Interlocking MEI633 (Medha Servo Drives)	RDSO Specification 14.03.2012	RDSO initial type approval for the Medha MEI633 electronic interlocking per RDSO/SPN/192/2005, with terms and conditions.	2012-03-14	RDSO	Live
Certificate of Maintenance Type Approval for Medha MEI633 Electronic Interlocking (STS/Signal/2014/004)	RDSO STS/L/SSI/Medha/407 (21.02.2014)	RDSO certificate of maintenance type approval for the Medha MEI633 electronic interlocking per RDSO/SPN/192/2005, with terms and conditions.	2014-02-21	RDSO	Live
Instructions on Upgradation of Executive Software Ver 1.2 of Medha MEI633 EI at Existing Stations	RDSO STS/L/SSI/Medha/Vol.-65/613 (09.05.2019)	RDSO letter instructing upgradation of existing Medha MEI633 electronic interlocking to executive software Ver 1.2 and restoring hot standby mode.	2019-05-09	RDSO	Live
Pre-commissioning Check List for Medha MEI634 Electronic Interlocking, with Letter No. RDSO-SIG0EI(M634)/1/2020	RDSO Format SIG-0705 Version 3.0	RDSO letter forwarding the pre-commissioning check list for Medha MEI634 electronic interlocking as per RDSO/SPN/192/2019 Ver 2.0 and RDSO/SPN/203/2011 Ver 1.0.	2022-06-23	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Performa for Medha MEI634 Electronic Interlocking, with Letter No. RDSO-SIG0EI(M634)/1/2020	RDSO SI-F 7.1-0382 Version 2.0	RDSO letter issuing the approved acceptance test performa for Medha MEI634 electronic interlocking as per RDSO/SPN/192/2019 and RDSO/SPN/203/2011, effective 21.06.2022.	2022-06-23	RDSO	Live
Pre-commissioning Check List for Medha MEI633 Electronic Interlocking, with Letter No. RDSO-SIG-EI(NIPP)/1/2020	RDSO SI-G-7.1-0705 Version 3.0	RDSO letter issuing revised pre-commissioning checklist for Medha MEI633 electronic interlocking, effective 05.01.2024, to PCSTEs of zonal railways.	2024-01-08	RDSO	Live
Acceptance Test Performa for Medha MEI633 Electronic Interlocking, with covering letter	RDSO SIF 0720 Ver 5.0	RDSO letter approving the acceptance test format for Medha make MEI633 electronic interlocking per RDSO/SPN/192/2019 Ver 2.0, with the format.	2022-11-07	RDSO	Live
Approval of Medha MEI634 Electronic Interlocking as per RDSO/SPN/192/2019	RDSO Letter No. RDSO-SIG0EI(M634)/1/2021	RDSO letter approving Medha MEI634 electronic interlocking after field trials and removing the limit on supply quantity, with approved part list.	2024-01-23	RDSO	Live
Final Decision on Registration of Medha MEI634 (Big EI) Electronic Interlocking	RDSO Letter No. RDSO/108/1901/00007588	RDSO final decision letter provisionally approving Medha MEI634 electronic interlocking for big yards for field trial with a maximum of 10 systems, with conditions.	2021-12-23	RDSO	Live
Final Decision on Registration of Medha MEI634 Electronic Interlocking as per RDSO/SPN/192	RDSO Letter No. RDSO/108/1901/00031533	RDSO final decision letter on Medha vendor registration, noting approval for model MEI633 and provisional approval of MEI634 for up to 10 systems, with conditions.	2023-04-03	RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Medha 20.11.2025	Medha reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Medha	RDSO intranet - being processed
Acceptance Test Proforma for Single Section Digital Axle Counters 2DP-1S Configuration (SSDAC-2DP1S) of Medha Servo Drives	RDSO SIF 0692 Ver 1.0	RDSO acceptance test proforma for the 2DP-1S single section digital axle counter of Medha Servo Drives, Hyderabad.	2015-03-18	RDSO	Live
Acceptance Test Proforma for MSDAC (MAC181) of Medha Servo Drives Pvt Ltd	RDSO SIF 7.1 0696	Acceptance test proforma for the MAC181 multi section digital axle counter of Medha Servo Drives, Hyderabad.	2015-05-15	RDSO	Live
Revised PCCL SIG-0622 Ver 3 for Medha MSDAC MAC181	RDSO Letter RDSO-SIGOMDAC (MEDH)/1/2020	RDSO letter to Medha Servo Drives issuing revised pre-commissioning check list SIG-0622 Version 3 for the MSDAC MAC181.	2025-03-27	RDSO	Live
Revised PCCL SIG 0628 for Medha MSDAC MAC181V2	RDSO Letter RDSO-SIGOMDAC (MEDH)/2/2020	RDSO letter to Medha Servo Drives issuing revised pre-commissioning check list SIG 0628 for the MSDAC MAC181V2.	2025-04-03	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Revised PCCL No. SIG-0618 Ver 2 for Medha SSDAC MAC180	RDSO Letter RDSO-SIGOSDAC(MEDH)/1/2020	RDSO letter to Medha Servo Drives issuing revised pre-commissioning check list SIG-0618 Version 2 for the SSDAC MAC180.	2025-03-28	RDSO	Live
Station and Loco Kavach, Medha Make (IRISET Kavach Lab presentation)	IRISET KAV 13 (14.03.2023)	IRISET Kavach Lab presentation on the architecture and subsystems of Medha make station and loco Kavach.	2023-03-14	IRISET	Live
Handbook on Installation, Maintenance & Troubleshooting of Medha MSDAC (MAC181)	CAMTECH/S&T/2024-25/ MAC181/1.0	CAMTECH handbook on installation, maintenance and troubleshooting of the Medha MAC181 multi-section digital axle counting system.	2024-06	CAMTECH	Live
Maintenance Handbook on Medha MEI633 Electronic Interlocking System	CAMTECH/S/PROJ/2020-21/ SP7/1.0	CAMTECH maintenance handbook acquainting signal staff with the Medha MEI633 electronic interlocking system for maintenance and troubleshooting.	2020-10	CAMTECH	Live
Electronic Interlocking (Medha)	STTC Gorakhpur Handbook ST-31	Study material on the Medha MEI 633 electronic interlocking system and data logger.		STTC Gorakhpur (North Eastern Railway)	Live

Siemens (41)

Title	Doc no.	Subject	Issued	Issuer	Status
Letter on Integration of Kavach in D9 Locomotives of Siemens (Installation and Integration MOM)	RDSO Letter 07.10.2025	RDSO letter approving in principle the Kavach integration scheme for Siemens D9 locomotives, subject to compliance with CoE remarks and resubmission after customizations.	2025-10-07	RDSO	RDSO intranet - being processed
Minutes of Meeting at CoE/IRISET on Integration of Kavach in Siemens D9 (9000HP) Locomotives with ILS Brake System	CoE Kavach Minutes 02.09.2025	Minutes of the 02.09.2025 meeting on integrating Kavach in Siemens D9 locomotives with Wabtec ILS brake system.	2025-09-02	CoE Kavach (IRISET)	RDSO intranet - being processed
Installation and Maintenance Practices for Electronic Interlocking - Siemens (Day 2 Session 1)	Siemens Limited Manual	Siemens presentation agenda on EI installation and maintenance, covering cable segregation, VDU PC maintenance, voltage logging, material storage and WESTRACE Mk2 cards.		Siemens Limited	RDSO intranet - being processed
Deployment of Rail9000 (R9K) VDU Software	RDSO Letter 20.09.2023	RDSO letter to Siemens on deployment of Rail9000 (R9K) VDU software for WESTRACE MK2 electronic interlocking.	2023-09-20	RDSO	Live
System Alarms on VDU and Datalogger for Siemens Westrace Electronic Interlocking	RDSO-SIG-0EI(SIEMENS)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of Siemens Westrace MK-II electronic interlocking.		RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
TAN on Minor Modifications in Application Logic of VLM6 Westrace Electronic Interlocking (Siemens)	RDSO STS/E/TAN/3011 Ver 1.0	Technical Advisory Note with guidelines for minor modifications in application logic of Siemens Westrace VLM6 electronic interlocking at existing stations.	2014-08-14	RDSO	Live
Acceptance Test Format for Siemens WESTRACE MK-II Electronic Interlocking (RDSO/SPN/192/2019 Ver 2.0 or RDSO/SPN/203/2011 Ver 1.0)	RDSO SI-F-7.1-0384 Version 6.0	RDSO acceptance test format for Siemens WESTRACE MK-II electronic interlocking, with amendment history and added lamp output module test.	2024-12-20	RDSO	Live
Pre-commissioning Check List for Siemens WESTRACE MK2 Electronic Interlocking, with Letter No. RDSO-SIG0EI(MK2)/1/2020	RDSO SI-G-7.1-0383 Version 1.0	RDSO letter issuing the pre-commissioning checklist for cross-approved Siemens WESTRACE MK2 electronic interlocking, effective 22.02.2024, to PCSTEs of zonal railways.	2024-02-23	RDSO	Live
Inspection of Spare Parts of Siemens SIMIS S Electronic Interlocking	RDSO Letter 30.11.2012	RDSO letter on inspection of spare parts of Siemens SIMIS S electronic interlocking requested by WCR Bhopal.	2012-11-30	RDSO	RDSO intranet - being processed
Name Change of IRSI Firm: Type Approval of WESTRACE VLM6 in the Name of Siemens Rail Automation	RDSO Letter 19.02.2014	RDSO letter on change in name for type approval of WESTRACE VLM6 in the name of Siemens Rail Automation Private Limited.	2014-02-19	RDSO	RDSO intranet - being processed
Permanent Delisting of Siemens from Approved Vendor List for Electronic Interlocking	RDSO Letter	RDSO letter on permanently delisting Siemens SIMIS S electronic interlocking from the approved vendor list.		RDSO	RDSO intranet - being processed
Cross Acceptance Approval of Siemens Westrace MK-2 Electronic Interlocking	RDSO Letter STS/L/SSI/BIG/CA/IRSI/Vol-9/219 (11.10.2019)	RDSO cross acceptance approval letter to Siemens Rail Automation for the Westrace MK-2 electronic interlocking.	2019-10-11	RDSO	Live
A Quick Reference Guide to Siemens ACM 200 Axle Counting System	CAMTECH/S/PROJ/2023-24/ SP1A	CAMTECH quick reference guide for signal maintainers on the Siemens ACM 200 axle counting system, its ZP D 43 wheel detection equipment, functions and features.	2023-04	CAMTECH	Live
Maintenance Guidelines for MSDAC (Siemens make)	RDSO Maintenance Note 7005 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the Siemens Az S 350 U multi section digital axle counter.	2012-05-23	RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Siemens 20.11.2025	Siemens reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Siemens	RDSO intranet - being processed
Az S 350 U Microcomputer Axle Counting System (amended for Indian Railways)	Siemens Maintenance Instructions M0110058886 Rev D	Siemens maintenance instructions for the Az S 350 U microcomputer axle counting system as amended for use on Indian Railways.	2006-11-07	Siemens AG	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Siemens Multi Section Digital Axle Counter (ACM200 & ZP D43) - System Description & Installation Guidance	Siemens Mobility	Siemens Mobility description and installation guidance for the Clearguard ACM 200 axle counting system and ZP D43 wheel detection equipment.		Siemens Mobility	Live
Key Lock Checking Relay with DC Neutral Relay (RDSO letter STS/E/Relay/Siemens, 14.07.2017)	RDSO/SPN/219 Ver 1.0 with Amendment 1 (14.07.2017)	RDSO letter on specification for key lock checking relay with DC neutral relay.	2017-07-14	RDSO	Live
Acceptance Test Format for Siemens AzS 350 U Axle Counter	RDSO SIF 0654	RDSO letter dated 29.05.2008 on the acceptance test format for the Siemens AzS 350 U digital axle counter.	2008-05-29	RDSO	Live
Acceptance Test Proforma for Multi Section Digital Axle Counter ACM200 (Another Variant) of Siemens	RDSO SIF:7.1-1614 Version 3.0	RDSO acceptance test proforma for the Siemens ACM200 multi section digital axle counter, another variant.	2021-10-08	RDSO	Live
Revised PCCL No. SIG 0624 Ver 3.0 for Siemens MSDAC (ACM200 Ver 2)	RDSO Letter RDSO-SIGOMDAC (SIEM)/1/2020	RDSO letter to Siemens Ltd. issuing revised pre-commissioning check list SIG 0624 Version 3.0 for the ACM200 MSDAC.	2025-03-11	RDSO	Live
Pre-Commissioning Check List for Siemens MSDAC (ACM200 Ver 2.0) as per RDSO/SPN/176/2013 Ver 3.0	RDSO PCCL No. SIG-7.1-0624 Ver 4.0	RDSO revised pre-commissioning check list for Siemens multi-section digital axle counter ACM200 version 2.0.	2026-10-15	RDSO	RDSO intranet - being processed - newer version
Pre-commissioning Check List of MSDAC AzS 350 U Firmware, Trackside Equipment, of Siemens	RDSO SIG 0601 Ver 1	RDSO pre-commissioning check list for the Siemens AzS 350 U multi section digital axle counter and its trackside equipment.	2009-01-02	RDSO	Live
Layout Facing Point B.G. with Siemens EPM (Drive Rod, Drive Lug, Sleeve)	RDSO Drawing SA 8805, S 8806, S 8807	Standard drawing of the facing point layout for broad gauge with Siemens electric point machine, showing drive rod, drive lug and sleeve.		RDSO	RDSO intranet - being processed
Detector Rod Jaw Pin and Lock Bar Assembly Special Head Bolt	RDSO Drawings S-3426 and S-3427 Alt-1	RDSO drawing: detector rod jaw pin and lock bar assembly bolt, layout 60 kg TWS Siemens point machine; scanned, text partly unreadable.		RDSO	RDSO intranet - being processed
Notes S15 - Panel Interlocking with Metal-Metal Relays (Siemens)	IRISET 11.2009	IRISET notes on panel interlocking with metal-metal relays: table of control, button relays, point and signal operation, route release and indications.	2009-11	IRISET	Live
Interlocking with Metal-Metal Relays (Siemens) (Issued June 2025)	IRISET 06.2025 S 14	IRISET notes on interlocking with Siemens metal-metal relays.	2025-06	IRISET	Live
Panel Interlocking with Metal-Metal Relays (Siemens)	IRISET S-15	IRISET study material on panel interlocking with Siemens metal-metal relays.		IRISET	Live
Route Relay Interlocking (Siemens)	IRISET S-16	IRISET study material on Siemens route relay interlocking, covering sequence of operations, point		IRISET	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		groups and commissioning.			
Circuit Practice - Metal-Metal Contact Relays (Siemens)	IRISET 03.2014 S-17	IRISET study material on circuit practice for Siemens metal-metal contact relays.	2014-03	IRISET	Live
Interlocking with Metal to Metal Relays (Siemens)	IRISET S14 Ver 1.0	IRISET study material on relay interlocking with Siemens metal to metal relays, covering panel interlocking and route relay interlocking.		IRISET	Live
Relays and Cables	IRISET S19	IRISET notes on signalling relays and cables, including symbols, British and Siemens practice relays and nomenclature.		IRISET	Live
Data Logger, ERTMS/ETCS Levels, TPWS (Ansaldo and Siemens) and AWS (Slide Deck)	IRISET S28	IRISET study material on data loggers, ERTMS/ETCS levels, TPWS and AWS.		IRISET	Live
Handbook on Installation, Maintenance & Troubleshooting of Siemens ACM 200 Axle Counting System	CAMTECH/S&T/2023-24/ACM 200/1.0	CAMTECH handbook on installation, maintenance and troubleshooting of the Siemens ACM 200 axle counting system.	2023-04	CAMTECH	Live
Siemens Point Machine (Pamphlet)	CAMTECH/S/2006/SPM/1.0	CAMTECH pamphlet on the Siemens electric point machine type BSG-ANTR-9i, its introduction and main parts.		CAMTECH	Live
Handbook on Maintenance of Digital Axle Counters (AzLS, AzLM, AzS350U, DACF 710A/P, G36)	CAMTECH/S/PROJ/2012-13/HB-DAC(M)/1.0	CAMTECH handbook on maintenance of digital axle counters of Eldyne, Siemens, CEL and GG Tronics, in vendor-specific sections.	2013-02	CAMTECH	Live
Handbook on Installation of Digital Axle Counters (Eldyne AzLS/AzLM, Siemens AzS350U, CEL DACF 710A/P, GG Tronics G36)	CAMTECH/S/PROJ/2014-15/HB-DAC(I)/1.0	CAMTECH handbook with vendor-specific installation guidelines for digital axle counters of RDSO approved firms.	2014-10	CAMTECH	Live
Handbook on Flowcharts for RRI Siemens	CAMTECH/S/PROJ/2013-14/ FCRRIS/1.0	CAMTECH handbook of flowcharts and relay operation sequences for Siemens route relay interlocking.	2014-01	CAMTECH	Live
Quick Reference Guide for Siemens ACM 200 Axle Counting System	CAMTECH 04.2023	CAMTECH quick reference guide in Hindi for the Siemens ACM 200 axle counting system, for SSE/JE (Signal) and signal maintainers.	2023-04	CAMTECH	Live
Panel Interlocking, Siemens Type (STTC Study Material)	STTC Nainpur Handbook ST-23(b)	Hindi study material on Siemens type panel interlocking for railway signalling.		STTC Nainpur	Live
Technical Audit of Failure of Siemens MK-1 Electronic Interlocking at Sasaram, East Central Railway	RDSO Letter RDSO-SIG0EI(TA)/1/2020	RDSO letter to Siemens Rail Automation on the failure of the Siemens MK-1 system at Sasaram and its technical audit.	2022-12-20	RDSO	Live

Kyosan (34)

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance Procedure for Kyosan K5BMC and K5D Electronic Interlocking System	Kyosan India Pvt Ltd KI-EI-001 Ver 00 (08.05.2024)	Kyosan maintenance procedure for K5BMC and K5D electronic interlocking, Document No. KI-EI-001 Version 00.	2024-05-08	Kyosan India Pvt Ltd	Live
Installation Procedure for Kyosan K5BMC and K5D Electronic Interlocking System	Kyosan India Pvt Ltd KI-EI-002 Ver 00 (31.05.2024)	Kyosan installation procedure for K5BMC and K5D electronic interlocking, Document No. KI-EI-002 Version 00.	2024-05-31	Kyosan India Pvt Ltd	Live
Procedure for Implementation of Cyber Security TAN for Kyosan K5BMC and K5D EI	Kyosan India Pvt Ltd KI-TAN-001 Ver 00 (22.11.2023)	Kyosan procedure for implementing the cyber security technical advisory note on K5BMC and K5D electronic interlocking.	2023-11-22	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI - DO's and DON'Ts (R02)	Kyosan India Pvt Ltd Manual	One-page list of do's and don'ts for handling the K5BMC electronic interlocking.		Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Interface Design (Training Slides)	Kyosan India Manual	Training slides on K5BMC electronic interlocking interface design, covering signals, points, crank handles, LX, block and axle counters.		Kyosan India	Live
Submission of EI-K5D Installation and Maintenance Manuals, Procedure and Checklist	Kyosan Letter KIPL/EI/RDSO/2895	Kyosan India letter to RDSO submitting installation and maintenance manuals, procedure and checklist for the K5D electronic interlocking.	2024-12-19	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Handbook for Installation, Maintenance and Troubleshooting (Technician / JE Level)	Kyosan India Pvt Ltd Z914-C36 (25.04.2014)	Kyosan handbook for the K5BMC electronic interlocking at technician and JE level, first edition.	2014-04-25	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Troubleshooting Manual (Engineer Level)	Kyosan India Pvt Ltd Z914-C36000237 Ver 1	Kyosan troubleshooting manual for the K5BMC electronic interlocking at engineer level.	2014-03-14	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Troubleshooting Manual (Direct Interface with Data Logger)	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C36000237B Ver 2	Kyosan troubleshooting manual for the K5BMC electronic interlocking with direct data logger interface.	2017-01-06	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Handbook for Installation, Maintenance and Troubleshooting (Direct Interface with Data Logger)	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C36000245B Ver 2	Kyosan handbook for installation, maintenance and troubleshooting of the K5BMC electronic interlocking with direct data logger interface.	2017-01-05	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5D EI Instruction Manual for LDC (Local Data Collector) System	Kyosan Electric Mfg Co / Kyosan India Z914-C36000562 Ver 1	Instruction manual for the Local Data Collector system of the K5D electronic interlocking.	2021-11-11	Kyosan Electric Mfg Co / Kyosan India	Live
Kyosan K5BMC EI Maintenance Manual (Higher Management Level)	Kyosan India Pvt Ltd Z914-C72000496C Ver 3	Kyosan maintenance manual for the K5BMC electronic interlocking at higher management level.	2011-02-12	Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Maintenance Manual (Direct Interface with Data Logger)	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C72000496D	Kyosan maintenance manual for the K5BMC electronic interlocking with direct data logger	2017-01-06	Kyosan Electric Mfg Co / Kyosan India	Live

Title	Doc no.	Subject	Issued	Issuer	Status
	Ver 4	interface.		Pvt Ltd	
Kyosan K5BMC EI Functional Requirement Specification (as per Para 10 of RDSO Specification)	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C73000020B Rev 2	Functional requirement specification for the Kyosan K5BMC electronic interlocking, prepared per para 10 of the RDSO specification.	2009-11-20	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI MTC Failure Display Specification	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C73000030E Ver 5	Specification of MTC failure displays for the K5BMC electronic interlocking.	2011-02-12	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC EI Instruction Manual for LDC (Local Data Collector) System for Windows	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-C73000035B Ver 2	Instruction manual for the Local Data Collector system of the K5BMC electronic interlocking.	2011-02-12	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5D EI Handbook (Installation, Maintenance and Troubleshooting)	Kyosan India Pvt Ltd / Kyosan Electric Mfg Co Z914-F19033-00000002 Ver 2	Kyosan handbook for installation, maintenance and troubleshooting of the K5D electronic interlocking.	2023-10-04	Kyosan India Pvt Ltd / Kyosan Electric Mfg Co	Live
Kyosan K5D EI MTC Failure Display Specification	Kyosan Electric Mfg Co / Kyosan India Z914-F19033-00000004 Ver 1	Specification of MTC failure displays for the K5D electronic interlocking.	2021-11-12	Kyosan Electric Mfg Co / Kyosan India	Live
Kyosan K5D EI Troubleshooting Manual	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd Z914-F19033-00000005 Ver 1	Kyosan troubleshooting manual for the K5D electronic interlocking.	2021-11-12	Kyosan Electric Mfg Co / Kyosan India Pvt Ltd	Live
Kyosan K5BMC Electronic Interlocking as per RDSO/SPN/203/2011	RDSO Approval Letter No. STS/L/EI/SPN203/CA/KYOSAN/Vol-IV/113 (02.03.2020)	RDSO letter approving Kyosan K5BMC electronic interlocking for big yards for the list of vendors for developmental orders under cross acceptance, limited to 10 equipments.	2020-03-02	RDSO	Live
Kyosan K5D Electronic Interlocking as per RDSO/SPN/192/2019 Ver 2.0	RDSO Cross Approval Letter No. RDSO-SIG-0EI(K5D)/1/2021	RDSO cross approval of Kyosan India K5D electronic interlocking, an upgraded model of K5BMC, as per RDSO/SPN/192/2019 Ver 2.0 with terms and conditions.	2022-09-30	RDSO	Live
Cross Approval of VHSC26 and HSC-SUB6M-2B Cards of K5BMC Electronic Interlocking	RDSO Letter 26.11.2018	RDSO letter on cross approval of VHSC26 and HSC-SUB6M-2B cards of the Kyosan K5BMC electronic interlocking.	2018-11-26	RDSO	Live
Approval of Simplified System Architecture of K5BMC EI	RDSO Letter No. STS/L/EI192/CA/KYOSAN/234 (20.02.2018)	RDSO approval of the simplified system architecture of Kyosan K5BMC electronic interlocking for future installations, with revised hardware composition and software version.	2018-02-20	RDSO	Live
Letter to Kyosan - Provisional Approval of K5D Electronic Interlocking E-E4 and E-P5 Sub Racks for Outdoor Trackside Use	RDSO Letter	RDSO letter provisionally approving use of K5D E-E4 and E-P5 sub racks with PCBs and cabinet outdoors at trackside, as per RDSO/SPN/192 Ver 2.0.		RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
System Alarms on Datalogger and VDU for Kyosan make Electronic Interlocking (K5BMC and K5D)	RDSO-SIG0EI(PERF)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of Kyosan K5BMC and K5D electronic interlocking.		RDSO	Live
Kyosan K5BMC and K5D Post-Commissioning Inspection Checklist	Kyosan India Pvt Ltd KI-EI-003 Rev 0 (30.03.2024)	Post-commissioning inspection checklist for Kyosan K5BMC and K5D electronic interlocking.	2024-03-30	Kyosan India Pvt Ltd	Live
Kyosan K5BMC and K5D Preventive Maintenance Checklist	Kyosan India Pvt Ltd KI-EI-006 Rev 00 (19.04.2024)	Preventive maintenance checklist for Kyosan K5BMC and K5D electronic interlocking.	2024-04-19	Kyosan India Pvt Ltd	Live
Acceptance Test Format for Kyosan K5BMC Electronic Interlocking	RDSO SI-F-7.1-0154 Ver 2.0	RDSO acceptance test format for Kyosan K5BMC electronic interlocking under RDSO/SPN/192/2019 Ver 2.0 or RDSO/SPN/203/2011 Ver 1.0.	2024-01-25	RDSO	Live
Type Test Format for Kyosan K5BMC Electronic Interlocking (RDSO/SPN/192/2019 Ver 2.0 or RDSO/SPN/203/2011 Ver 1.0)	RDSO SI-F-7.1-0155 Version 1.0	RDSO letter and type test format for Kyosan K5BMC electronic interlocking, effective 24.04.2025, to be used for all future type tests.	2025-04-24	RDSO	Live
Acceptance Test Format for Kyosan K5D Electronic Interlocking	RDSO SI-F-7.1-0158 Ver 3.0	RDSO acceptance test format for Kyosan K5D electronic interlocking, the upgraded model of K5BMC.	2025-02-17	RDSO	Live
Pre-commissioning Check List for Kyosan K5BMC Electronic Interlocking	RDSO SI-G-7.1-0379 Version 2.0	RDSO pre-commissioning check list for Kyosan K5BMC electronic interlocking with amendment history and software version and checksum records.	2023-07-18	RDSO	Live
Pre-commissioning Check List for Kyosan K5D Electronic Interlocking	RDSO SI-G-7.1-0380 Version 1.0	RDSO pre-commissioning check list for Kyosan K5D electronic interlocking, an upgraded model of K5BMC, listing reference documents and software checksums.	2024-03-22	RDSO	Live
Technical Audit of Kyosan Make Electronic Interlocking at Jogighopa, North East Frontier Railway	RDSO Letter RDSO-SIG0EI(PERF)/1/2020	RDSO letter to NFR on the technical audit of the Kyosan make electronic interlocking at Jogighopa station, Rangiya division.	2023-02-08	RDSO	Live
Maintenance Handbook on Kyosan K5BMC Electronic Interlocking (EI Maintenance Instructions Series III)	CAMTECH/S&T/2025-26/EI	CAMTECH maintenance handbook on Kyosan K5BMC electronic interlocking, covering system composition and hardware.	2026-03	CAMTECH	Live

Westinghouse / WRSA (21)

Title	Doc no.	Subject	Issued	Issuer	Status
Invensys Rail WESTRACE EI for Indian Railways (VLM6 / MK-1) - Installation Manual Issue 2.0	Invensys Rail Systems India Manual 03.12.2012	Invensys Rail installation manual for the WESTRACE electronic interlocking for Indian Railways, covering WESTRACE and WESTRONICS S2 modules.	2012-12-03	Invensys Rail Systems India	Live

Title	Doc no.	Subject	Issued	Issuer	Status
WRTCMOV Issue 1.0 - Controlguide MoviolaW Installation and Configuration Manual (WESTRACE MK2)	Siemens Manual 16.08.2013	Siemens installation and configuration manual for the MoviolaW tool used with WESTRACE MK2; the tool is not safety related.	2013-08-16	Siemens	Live
WRTO-ICS-WRSI Issue 7.0 - Westinghouse WESTRACE Installation Check System (ICS) User Manual	Westinghouse Rail Systems Australia Manual 13.02.2009	Westinghouse Rail Systems Australia user manual for the WESTRACE Installation Check System, whose checks are carried out whenever interlocking configuration data is altered.	2009-02-13	Westinghouse Rail Systems Australia	Live
WRTOAPPM Issue 11.0	Invensys Rail Manual 12.2011	Manufacturer application manual for the WESTRACE Mk I vital signalling equipment.	2011-12	Invensys Rail	Live
WRTOAPPM-WRSI Issue 11.0 - Westinghouse WESTRACE Application Manual (User Manual)	Westinghouse Rail Systems Australia Manual 09.02.2009	Westinghouse Rail Systems Australia application manual for WESTRACE vital signalling equipment, covering system design, configuration, installation and maintenance rules.	2009-02-09	Westinghouse Rail Systems Australia	Live
WRTOFLDR Issue 14.0 - Trackguard WESTRACE MK2 First-Line Maintenance Manual	Siemens Rail Automation Manual 12.2020	Siemens first-line maintenance manual for the Trackguard WESTRACE MK2 electronic interlocking.	2020-12	Siemens Rail Automation	Live
WRTOFLMM Issue 10.0 - Westinghouse WESTRACE First-Line Maintenance Manual	Westinghouse Rail Systems Australia Manual 10.02.2009	Westinghouse Rail Systems Australia first-line maintenance manual for WESTRACE vital signalling equipment and WESTECT ATP wayside equipment.	2009-02-10	Westinghouse Rail Systems Australia	Live
WRTOGCSS Issue 9.0 - Westinghouse WESTRACE Graphical Configuration Sub-System (GCSS) User Manual	Westinghouse Rail Systems Australia Manual 11.02.2009	Westinghouse Rail Systems Australia user manual for the WESTRACE Graphical Configuration Sub-System used to design WESTRACE systems.	2009-02-11	Westinghouse Rail Systems Australia	Live
WRTOGSIM Issue 11.0	Invensys Rail Manual 05.2011	Manufacturer user manual for the WESTRACE Graphical Simulator, version 8.0.	2011-05	Invensys Rail	Live
WRTOOVDR Issue 6.0 - Trackguard WESTRACE MK2 System Overview Manual	Siemens Rail Automation Manual 03.2015	Siemens system overview manual for the Trackguard WESTRACE MK2 electronic interlocking, covering features, manuals suite and system description.	2015-03	Siemens Rail Automation	Live
WRTOOVER Issue 6.0 - Westinghouse WESTRACE System Overview Manual	Westinghouse Rail Systems Australia Manual 12.02.2009	Westinghouse Rail Systems Australia system overview manual for WESTRACE, covering system operation and vital logic equipment architecture.	2009-02-12	Westinghouse Rail Systems Australia	Live
WESTRACE Mark II Electronic Interlocking as per RDSO/SPN/192/2005	RDSO Cross Acceptance Approval Letter No. STS/L/SSI/CA/192/IRSI/Vol III/SN 140 (10.03.2017)	RDSO cross acceptance approval of Siemens WESTRACE Mark II electronic interlocking as per RDSO/SPN/192/2005 V1.0 with details, terms and conditions.	2017-03-10	RDSO	Live
Approval of Rail9000 as VDU Software for WESTRACE MK2 EI System	RDSO Letter No. RDSO-SIG0EI(MK2)/1/2020	RDSO approval of Rail9000 LOW Release 3.1.1 Crocodile VDU software for WESTRACE MK2 electronic interlocking with instructions on its use.	2022-10-21	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Approval of Newer Version of Westrace Mk2 Modules	RDSO Letter No. RDSO-SIGOEI(MK2)/1/2020	RDSO letter listing approved newer versions of Westrace MK2 modules of Siemens electronic interlocking, with checksum annexure.	2021-06-01	RDSO	Live
Letter No. STS/L/SSI/CA/IRSI - Upgradation of Executive Software Version 4.0 for WESTRACE VLM6	RDSO Letter 27.11.2013	RDSO letter permitting regular use of executive software version 4.0 for WESTRACE VLM6 electronic interlocking and upgradation of existing systems.	2013-11-27	RDSO	Live
Pre-commissioning Check List of Electronic Interlocking WESTRACE-VLM6	RDSO SIG-0701 Ver 1	Pre-commissioning checklist for the WESTRACE-VLM6 electronic interlocking, specification RDSO/SPN/132/2005.	2009-09-30	RDSO	Live
Maintenance Type Approval Certificate - Invensys WESTRACE VLM6 Electronic Interlocking, Executive Software Version 2.00	RDSO 07.02.2013	RDSO maintenance type approval certificate for the Invensys WESTRACE VLM6 electronic interlocking with executive software version 2.00.	2013-02-07	RDSO	Live
Letter No. STS/L/SSI/CA/IRSI - Invensys Data Download Without Moviola	RDSO Letter 20.10.2011	RDSO letter dated 20.10.2011 to the zonal railways about data download from Invensys electronic interlocking without Moviola.	2011-10-20	RDSO	Live
Handbook on Troubleshooting of Electronic Interlocking (MICROLOK II and WESTRACE VLM6)	CAMTECH/S/PROJ/2018-19/SP7/1.0	CAMTECH handbook on troubleshooting of electronic interlocking systems, covering MICROLOK II and WESTRACE VLM6.	2019-01	CAMTECH	Live
Pamphlet on WESTRACE Mark II Electronic Interlocking	CAMTECH/S/PROJ/2019-20/SP5	CAMTECH pamphlet for signal staff describing the WESTRACE Mk2 electronic interlocking architecture and its processor and input modules.	2019-10	CAMTECH	Live
Electronic Interlocking Maintenance Instructions Series II - WESTRACE VLM6	CAMTECH/S/PROJ/2014-15/HB-EI-MIS/1.0	CAMTECH maintenance instructions handbook for the WESTRACE VLM6 electronic interlocking system.	2015-01	CAMTECH	Live

HBL (19)

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Format for Stationary TCAS of M/s HBL, Hyderabad	RDSO SIF 0514 Version 3.0	RDSO acceptance test format for stationary TCAS of HBL, effective 10.12.2020.	2020-12-10	RDSO	RDSO intranet - being processed
Pre-commissioning Checklist for HBL Stationary TCAS	RDSO SIF 0518 Ver 0	RDSO pre-commissioning checklist for HBL stationary TCAS, effective 08.07.2016.	2016-07-08	RDSO	RDSO intranet - being processed
Pre-commissioning Checklist for Onboard KAVACH (Diesel/Electrical) of M/s HBL Engineering Ltd	RDSO SIF No. 1508 Ver 1.0	RDSO pre-commissioning checklist for HBL onboard Kavach as per RDSO/SPN/196/2020 version 4.0.	2025-05-16	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Format of Loco TCAS of M/s HBL, Hyderabad (as per RDSO/SPN/196/2012 Ver 3.2)	RDSO SIF-0546 Ver 1.0d1	RDSO acceptance test format for hardware of Loco TCAS (train collision avoidance system) of HBL as per RDSO/SPN/196/2012 version 3.2.	2020-12-29	RDSO	Live
Pre-installation Checklist for HBL STCAS-RIU (Remote Interface Unit)	RDSO SIF-0551 Ver 1.0	RDSO pre-installation checklist for the HBL stationary TCAS remote interface unit.	2021-01-21	RDSO	Live
Pre-commissioning Check List for HBL STCAS-RIU (Remote Interface Unit)	RDSO SIF0550 Ver 1.0	RDSO pre-commissioning checklist for the HBL stationary TCAS remote interface unit.	2021-01-21	RDSO	Live
HBL Loco Configuration File Preparation and Loading Manual for Train Collision Avoidance System	RDSO-SIG0TCAS(HBL)/1/2021	HBL manual on preparing and loading loco configuration files for the train collision avoidance system, with RDSO approval letter.	2023-11-02	HBL Engineering Ltd / RDSO	Live
HBL Loco Kavach Configuration Parameters Manual	HBL Engineering Ltd Document 5 51 53 0019, Version 1.4	HBL Engineering Loco Kavach configuration parameters manual, version 1.4.	2026-06-10	HBL Engineering Ltd	Live
Approval of Fitment of RFID Tags in CC Apron Area and PSC Sleeper	RDSO Letter No. RDSO-SIG0TCAS(HBL)/1/2021	RDSO letter conveying Track Design Directorate approval for fixing RFID tags in CC apron area of Kavach stations using mounting clamps as per drawing SDO/S&T/TCAS/008.	2021-06-07	RDSO	Live
RFID Tag Layout MQL 1.0 - Mirkhal Station, TCAS (Kavach), Nanded Division, South Central Railway	HBL Power Systems Ltd. 09.09.2020	HBL Power Systems TCAS RFID tag layout drawing for Mirkhal (MQL) station on Nanded Division, South Central Railway, with tag legend and revision history.	2020-09-09	HBL Power Systems Ltd.	Live
Monthly Maintenance Schedule for HBL STCAS RIU (Remote Interface Unit)	RDSO SIF-0552 Ver 1.0	RDSO monthly maintenance schedule for the HBL Kavach (STCAS) Remote Interface Unit, with daily and monthly checks of NMS, power supply and battery chargers.	2021-01-21	RDSO	Live
CoE Letter - Kavach: Improper Implementation of Interfacing Scheme for E-70 Brake by HBL	CoE Kavach Letter 23.05.2024	CoE letter on improper implementation of the Kavach interfacing scheme with the E-70 brake by HBL, tested on a WAP-7 locomotive.	2024-05-23	CoE Kavach (IRISET)	RDSO intranet - being processed
CoE Letter - Kavach: Early Transition to LS Mode within 10 Seconds	IRISET Letter 18.12.2023	IRISET CoE letter analysing an HBL Kavach event log in which the loco moved from full supervision to limited supervision after loss of 15 packet cycles from the station.	2023-12-18	IRISET	RDSO intranet - being processed
Approval of HBL Loco Kavach Braking Configuration Parameters Manual	RDSO-SIG0KVCH(HBL)/1/2024	RDSO letter approving the Loco Kavach configuration parameters manual of HBL Engineering Limited.	2025-08-08	RDSO	Live
Interoperability Issue of HBL L-Kavach in Medha S-Kavach Section	CoE-14/2026	CoE note on failures of HBL locomotive Kavach in a Medha station Kavach section on the PWL-NZM section.	2026	CoE Kavach (IRISET)	RDSO intranet - being processed
Pre-Commissioning Checklist Electrical Loco TCAS of M/s HBL (SIF No. 0531	RDSO Checklist 18.10.2017	RDSO Signal Directorate pre-commissioning checklist for HBL electric loco TCAS, with references and sign-	2017-10-18	RDSO	RDSO intranet - being

Title	Doc no.	Subject	Issued	Issuer	Status
Version 0)		off by firm and railway representatives.			processed
Pre-commissioning Checklist for Diesel Loco TCAS of HBL (SIF-0530 Ver 0) with Motive Power Directorate Note	RDSO Checklist 16.10.2017	RDSO Motive Power Directorate note finding the HBL diesel loco TCAS pre-commissioning checklist in order, with the checklist SIF-0530.	2017-10-16	RDSO	RDSO intranet - being processed
Letter No. STS/E/Data logger - Modified FEP Software	RDSO Letter 13.02.2012	RDSO letter to data logger firms (Efftronics, HBL Power Systems and others) on modified FEP software.	2012-02-13	RDSO	Live
Installation and Maintenance Handbook on Integrated Power Supply for Signalling (Make Amararaja and HBL), RDSO/SPN/165/2023 Ver 4.0	CAMTECH/S&T/2025-26/IPS-II/ 4.1	CAMTECH handbook on installation and maintenance of SMPS based integrated power supply for signalling of Amararaja and HBL make.		CAMTECH	Live

Ansaldo / Hitachi (18)

Title	Doc no.	Subject	Issued	Issuer	Status
Microlok II Communication Printed Circuit Board	Ansaldo STS USA 1D1.0026 Rev 2 (SM6800B)	Ansaldo STS USA module describing the Microlok II communication PCB, which connects the system to Ethernet networks through two ports.	2009-10	Ansaldo STS USA	Live
Microlok II Synchronization Printed Circuit Board	Ansaldo STS USA 1D1.0027 Rev 3 (SM6800B)	Ansaldo STS USA module describing the Microlok II synchronization PCB that links two units as a synchronized redundant pair.	2009-11	Ansaldo STS USA	Live
Microlok II Communication PCB Software	Ansaldo STS USA 1D1.0029 Rev 1 (SM6800D)	Ansaldo STS USA module describing Microlok II communication PCB software features, Ethernet connectivity and the Safe-P protocol in executive version 3.x.	2010-03	Ansaldo STS USA	Live
Microlok II Synchronization PCB Software	Ansaldo STS USA 1D1.0030 Rev 2 (SM6800D)	Ansaldo STS USA module describing Microlok II synchronization PCB software features for synchronized redundant pairs in executive version 3.x.	2010-04	Ansaldo STS USA	Live
Ansaldo STS	Ansaldo STS USA MICROLOK II System Maintenance: Troubleshooting Guide, IT-1002 Rev 2.9	Ansaldo STS troubleshooting guide for MICROLOK II system maintenance covering errors, warnings, events, CPU and power supply.	2009-02	Ansaldo STS USA	Live
Ansaldo STS	Ansaldo STS USA MICROLOK II Troubleshooting Flowcharts, IT-1029 Rev 1.a	Ansaldo STS troubleshooting flowcharts for the MICROLOK II system.	2009-01	Ansaldo STS USA	Live
MicroLok II 2/2 System Startup,	Hitachi Rail STS SM 1A1.0003 Rev	Hitachi Rail STS manual on cardfile controls and	2019-03	Hitachi Rail STS	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Troubleshooting and Maintenance (Hitachi Rail STS)	2	indications, startup, troubleshooting and maintenance of the MicroLok II 2/2 system.			
MicroLok II 2/2 System Description (Hitachi Rail STS)	Hitachi Rail STS SM 1D1.0006 Rev 3	Hitachi Rail STS system description of the MicroLok II 2/2 interlocking covering application, hardware and software elements and basic interlocking control.	2019-03	Hitachi Rail STS	Live
Microlok II Electronic Interlocking Installation Manual	Ansaldo STS India UM-6800B Rev 2.10	Ansaldo STS India manual on Microlok II installation practices, covering cardfile, surge protection, bonding, grounding and hot standby.	2011-07	Ansaldo STS India	Live
Letter RDSO-SIG0EI(MLK2)/1/2020 dated 29.09.2025 to Hitachi Rail STS India	RDSO Letter 29.09.2025	RDSO Signal Directorate letter to Hitachi Rail STS India concerning Microlock-II electronic interlocking.	2025-09-29	RDSO	Live
Ansaldo Approval for Version CC3.2	RDSO Letter Annexure of STS/L/SSI.CA/US&S/Vol. 46 (28.09.2016)	RDSO letter to Ansaldo STS Transportation Systems conveying approval of version CC3.2 with annexure.	2016-09-28	RDSO	Live
System Alarms on VDU and Datalogger for Hitachi make Electronic Interlocking	RDSO-SIG0EI(PERF)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of Hitachi Microlok II electronic interlocking.		RDSO	Live
STS/L/SSI/CA/US&S - Maintenance Type Approval for Microlok-II Electronic Interlocking (Ansaldo STS)	RDSO Specification 09.01.2015	RDSO letter granting maintenance type approval for the indigenised Microlok-II electronic interlocking per RDSO/SPN/192/2005, with terms and conditions.	2015-01-09	RDSO	Live
STS/L/SSI/CA/US&S	RDSO Comprehensive Guidelines Letter dated 26.07.2011 (Ansaldo)	RDSO letter of 26.07.2011 to the Railway Board and zonal railways issuing comprehensive guidelines on Ansaldo electronic interlocking.	2011-07-26	RDSO	Live
Pre-commissioning Check List for Microlok II Electronic Interlocking (Ansaldo STS), with Letter No. STS/E/SSI/CA/US&S	RDSO Format No. SIG-0703 Revision 5	RDSO letter circulating the pre-commissioning check list for Microlok II electronic interlocking to Railway Board and zonal railways.	2014-10-28	RDSO	Live
Improvement of Configuration for Microlok II Electronic Interlocking (Ansaldo Upgradation Cost)	Railway Board Letter 24.08.2012	Railway Board letter on improving the configuration of Microlok II electronic interlocking to improve performance.	2012-08-24	Railway Board	RDSO intranet - being processed
Corrigendum to Letter dated 16.09.2026 on Corrective and Preventive Action Measures in Hitachi make EI System	RDSO-SIG0EI(MLK2)/1/2020	RDSO corrigendum correcting a date of temporary delisting of Hitachi in the action plan letter for corrective and preventive measures in Hitachi EI.	2026-09-16	RDSO	Live
Data Logger, ERTMS/ETCS Levels, TPWS (Ansaldo and Siemens) and AWS (Slide Deck)	IRISET S28	IRISET study material on data loggers, ERTMS/ETCS levels, TPWS and AWS.		IRISET	Live

G.G.Tronics (17)

Title	Doc no.	Subject	Issued	Issuer	Status
Issue of Pre-commissioning Checklist for Stationary KAVACH (SIF-1514 Ver 1.0) of GG Tronics	RDSO Letter RDSO-SIGTCAS(GGT)/1/2022	RDSO letter approving the pre-commissioning checklist for stationary Kavach of GG Tronics as per version 4.0, with the checklist enclosed.	2025-09-16	RDSO	Live
IRISET/CoE/Kavach/Misc - Moving Block: Field Concept Trial for Auto Traction using Kavach Hardware (G.G. Tronics)	IRISET Letter 29.01.2024	IRISET CoE letter to Railway Board reporting field concept trials of automatic traction with G.G. Tronics Kavach hardware towards a moving block on the Kavach platform.	2024-01-29	IRISET	RDSO intranet - being processed
An Insight into Multi Section Digital Axle Counter MSDAC-G39 (RDSO/SPN/176/2013 Ver 3.0), Version 16.0	G.G. Tronics 03.2020	G.G. Tronics presentation giving an overview of the MSDAC-G39 digital axle counter, its architecture, certification progress and salient features.	2020-03	G.G. Tronics	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	CG Tronics 20.11.2025	CG Tronics reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	CG Tronics	RDSO intranet - being processed
Maintenance Guidelines for SSDAC (G.G. Tronics make, SSDAC-G36 2DP-1S)	RDSO Maintenance Note 7001 Ver 1	RDSO maintenance guidelines defining maintenance practices for the G.G. Tronics SSDAC-G36 2DP-1S single section digital axle counter.	2012-05-23	RDSO	Live
Multi Section Digital Axle Counter (MSDAC-G39) Operation and Maintenance Procedure	G.G.Tronics India Pvt Ltd MSDAC-G39-SYS-DGN-OMPR (18.07.2020)	G.G. Tronics operation and maintenance procedure for the MSDAC-G39 multi section digital axle counter.	2020-07-18	G.G.Tronics India Pvt Ltd	Live
Acceptance Test Proforma for SSDAC-G36 3DP1S Configuration of G.G. Tronics, with covering letter	RDSO SI-F-7.1-0660 Ver 1.0	RDSO letter issuing the acceptance test format for G.G. Tronics single section digital axle counter SSDAC-G36 in 3DP1S configuration per RDSO/SPN/177/2012 Ver 3.0.	2021-12-30	RDSO	Live
Acceptance Test Proforma for MSDAC-G39 of G.G. Tronics, with covering letter	RDSO SI-F-7.1-1604 Ver 1.1	RDSO letter issuing the modified acceptance test format for the G.G. Tronics G39 multi section digital axle counter per RDSO/SPN/176/2013 Ver 3.0.	2020-12-31	RDSO	Live
Acceptance Test Proforma for SSDAC-G36 of G.G. Tronics, with covering letter	RDSO SIF 0656 Ver 4.1	RDSO letter issuing corrected acceptance test proformas SIF 0656 Ver 4.1 and SIF 0680 Ver 2.1 for G.G. Tronics single section digital axle counters.	2022-09-13	RDSO	Live
Acceptance Test Proforma for HA-SSDAC-G36R of G.G. Tronics, with covering letter	RDSO SIF 0680 Ver 2.1	RDSO letter issuing corrected acceptance test proformas SIF 0656 Ver 4.1 and SIF 0680 Ver 2.1 for G.G. Tronics single section digital axle counters.	2022-09-13	RDSO	Live
Multi Section Digital Axle Counter (MSDAC G39) of G.G. Tronics, with covering letter	RDSO Pre-Commissioning Check List SIG:0627 Ver 2.0	RDSO letter issuing revised Pre-Commissioning Check List Ver 2.0 for the G.G. Tronics G39 multi section digital axle counter, with the checklist itself.	2025-12-12	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
PCCL SI-G-0616 Ver 3 for GG Tronics HASSDAC G36R	RDSO Letter RDSO-SIGOHSDC (GGT)/1/2020	RDSO letter to G.G. Tronics issuing pre-commissioning check list SI-G-0616 Version 3 for the HASSDAC G36R.	2025-09-04	RDSO	Live
PCCL SI-G-0606 Ver 3 for GG Tronics SSDAC G36	RDSO Letter RDSO-SIGOSDAC (GGT)/1/2020	RDSO letter to G.G. Tronics issuing pre-commissioning check list SI-G-0606 Version 3 for the SSDAC G36.	2025-09-04	RDSO	Live
Ver 1 Pre-commissioning Check List for Single Section Digital Axle Counter SSDAC-G36, 3DP1S Configuration, of GG Tronics	RDSO Letter SIG 0610 RDSO-SIGOSDAC(GGT)/1/2020	RDSO letter issuing the pre-commissioning check list for the GG Tronics SSDAC-G36 single section digital axle counter in 3DP1S configuration.	2021-12-30	RDSO	Live
Handbook on Maintenance of Digital Axle Counters (AzLS, AzLM, AzS350U, DACF 710A/P, G36)	CAMTECH/S/PROJ/2012-13/HB-DAC(M)/1.0	CAMTECH handbook on maintenance of digital axle counters of Eldyne, Siemens, CEL and GG Tronics, in vendor-specific sections.	2013-02	CAMTECH	Live
Handbook on Installation of Digital Axle Counters (Eldyne AzLS/AzLM, Siemens AzS350U, CEL DACF 710A/P, GG Tronics G36)	CAMTECH/S/PROJ/2014-15/HB-DAC(I)/1.0	CAMTECH handbook with vendor-specific installation guidelines for digital axle counters of RDSO approved firms.	2014-10	CAMTECH	Live
Handbook on GGTronics High Availability Single Section Digital Axle Counter (HA-SSDAC G36R)	CAMTECH/S/PROJ/2020-21/SP4/1.0	CAMTECH handbook helping signal personnel maintain the GGTronics G36R high availability single section digital axle counter.	2020-08	CAMTECH	Live

Kernex (14)

Title	Doc no.	Subject	Issued	Issuer	Status
Pre-commissioning Check List for Kernex Stationary TCAS System	RDSO SIF-0520 Ver 1.0	RDSO pre-commissioning checklist for the Kernex stationary TCAS system.	2021-07-05	RDSO	Live
Pre-commissioning Checklist for Diesel/Electric Loco TCAS of M/s Kernex	RDSO SIF-0528 Ver 1.0	RDSO pre-commissioning checklist for the Kernex diesel and electric loco TCAS.	2021-07-05	RDSO	Live
Pre-installation Checklist for Kernex RIU (Remote Interface Unit)	RDSO SIF-0555 Ver 1.0	RDSO pre-installation checklist for the Kernex remote interface unit.	2021-07-05	RDSO	Live
Pre-commissioning Check List for Kernex RIU (Remote Interface Unit)	RDSO SIF-0556 Ver 1.0	RDSO pre-commissioning checklist for the Kernex remote interface unit.	2021-07-05	RDSO	Live
KMIL KAVACH-LBCFG Params Version 1.2 - Loco Kavach Brake Configuration Parameters	Kernex Microsystems (India) Ltd.	Kernex Microsystems manual on loco Kavach brake configuration parameters, Version 1.2.		Kernex Microsystems (India) Ltd.	Live
Installation Manual of Onboard KAVACH (CCB Locomotive), Kernex KAVACH 2.1	Kernex Microsystems (India) Ltd. KMIL-0032-009-26-KAVACH2.1-	Kernex Microsystems installation manual for onboard Kavach 2.1 on CCB locomotives.		Kernex Microsystems (India)	Live

Title	Doc no.	Subject	Issued	Issuer	Status
	IM-L (CCB) Rev 3			Ltd.	
Installation Manual of Onboard KAVACH (E-70 Locomotive), Kernex KAVACH 2.1	Kernex Microsystems (India) Ltd. KMIL-0032-009-26-KAVACH2.1-IM-L (E-70) Rev 3	Kernex Microsystems installation manual for onboard Kavach 2.1 on E-70 locomotives.	2026-03-11	Kernex Microsystems (India) Ltd.	Live
Station KAVACH User Operating Manual, Kernex KAVACH 2.1	Kernex Microsystems (India) Ltd KMIL-0034-009-26-KAVACH2.1-UOM-S Rev 2	Kernex user operating manual for the station Kavach unit of Kernex KAVACH 2.1.	2026-03	Kernex Microsystems (India) Ltd	Live
Onboard Kavach User Operating Manual of Kernex Kavach 2.1	Kernex Microsystems (India) Ltd. KMIL-0035-009-26-KAVACH2.1-UOM-L Rev 2	Kernex user operating manual for the Onboard Kavach 2.1, covering system overview, features and the driver machine interface.	2026-03-11	Kernex Microsystems (India) Ltd.	Live
KMIL:KAVACH-S-IM Version 2.0 - Installation Manual of Stationary KAVACH (Kernex KAVACH 2.0)	Kernex Microsystems (India) Ltd. Manual 30.04.2026	Kernex Microsystems installation manual for stationary Kavach 2.0 (TCAS).	2026-04-30	Kernex Microsystems (India) Ltd.	Live
Maintenance Checklist for Kernex Remote Interface Unit (RIU)	RDSO SIF-0557 Ver 1.0	RDSO maintenance checklist for the Kernex remote interface unit per RDSO/SPN/196/2012 Ver 3.2, effective 05.07.2021.	2021-07-05	RDSO	Live
CoE Letter to Kernex on Kavach Undue Increase of Movement Authority Linking with Wrong Signal	CoE Kavach Letter 27.11.2023	CoE letter to Kernex on a loco event at Marpalli where movement authority kept increasing after communication loss because the old signal route ID was retained.	2023-11-27	CoE Kavach (IRISET)	RDSO intranet - being processed
IRISET/CoE/Kavach/Misc - Kavach: Approval of Products with Functionally Dissimilar Timeouts from Different Makes	IRISET Letter 20.12.2023	IRISET CoE letter to RDSO noting that Kernex and Medha onboard Kavach use different timeouts for transition to limited supervision despite approval to the same specification.	2023-12-20	IRISET	RDSO intranet - being processed
Approval of Kernex for List of Vendors for Development Orders of Train Collision Avoidance System	RDSO-SIG0TCAS(KERX)-1-2020	RDSO approval of Kernex for the list of vendors for development orders of TCAS per RDSO/SPN/196 version 3.2.	2021-07-05	RDSO	RDSO intranet - being processed

MicroLok (US&S) (14)

Title	Doc no.	Subject	Issued	Issuer	Status
MicroLok II 2/2 System Startup, Troubleshooting and Maintenance (Hitachi Rail STS)	Hitachi Rail STS SM 1A1.0003 Rev 2	Hitachi Rail STS manual on cardfile controls and indications, startup, troubleshooting and maintenance of the MicroLok II 2/2 system.	2019-03	Hitachi Rail STS	Live
MicroLok II 2/2 System Description (Hitachi Rail STS)	Hitachi Rail STS SM 1D1.0006 Rev 3	Hitachi Rail STS system description of the MicroLok II 2/2 interlocking covering application, hardware and software elements and basic interlocking control.	2019-03	Hitachi Rail STS	Live

Title	Doc no.	Subject	Issued	Issuer	Status
MICROLOK II Hardware Installation and Maintenance Manual (Union Switch & Signal)	Union Switch & Signal SM 6800B Rev 3	Union Switch & Signal manual on hardware installation and maintenance of the MICROLOK II integrated vital interlocking, coded track circuit and code line controller.	2005-12	Union Switch & Signal	Live
MICROLOK II Network Protocol and Networking Hardware: Installation, Operation, Maintenance	Union Switch & Signal SM 6800K	Union Switch & Signal manual on the MICROLOK II network protocol and networking hardware covering installation, operation and maintenance.	2004-03	Union Switch & Signal	Live
Microlok II Electronic Interlocking Functional Description	US&S India UM-6800A Rev 1.3	US&S India manual describing the functional description of the Microlok II electronic interlocking, its hardware, serial I/O and software.	2005-07-04	US&S India	Live
Microlok II Electronic Interlocking Startup and Maintenance Manual	US&S India UM-6800C Rev 1.2	US&S India manual on Microlok II cardfile controls and indications, modes of operation and the maintenance tools program.	2004-09	US&S India	Live
Microlok II Electronic Interlocking Troubleshooting and Recovery Manual	US&S India UM-6800E Rev 1.3	US&S India manual on isolating malfunctions, restoring normal operation and analysing error and event logs for Microlok II.	2006-02-08	US&S India	Live
Ansaldo Approval for Version CC3.2	RDSO Letter Annexure of STS/L/SSI.CA/US&S/Vol. 46 (28.09.2016)	RDSO letter to Ansaldo STS Transportation Systems conveying approval of version CC3.2 with annexure.	2016-09-28	RDSO	Live
TAN on Minor Modification in MLK II Electronic Interlocking, with letter and annexure	RDSO STS/E/TAN/OS-III/Vol.1 (23.06.2014)	RDSO letter circulating a Technical Advisory Note on minor modifications in the MicroLok II electronic interlocking.	2014-06-23	RDSO	Live
STS/L/SSI/CA/US&S - Maintenance Type Approval for Microlok-II Electronic Interlocking (Ansaldo STS)	RDSO Specification 09.01.2015	RDSO letter granting maintenance type approval for the indigenised Microlok-II electronic interlocking per RDSO/SPN/192/2005, with terms and conditions.	2015-01-09	RDSO	Live
STS/L/SSI/CA/US&S	RDSO Comprehensive Guidelines Letter dated 26.07.2011 (Ansaldo)	RDSO letter of 26.07.2011 to the Railway Board and zonal railways issuing comprehensive guidelines on Ansaldo electronic interlocking.	2011-07-26	RDSO	Live
Pre-commissioning Check List for Microlok II Electronic Interlocking (Ansaldo STS), with Letter No. STS/E/SSI/CA/US&S	RDSO Format No. SIG-0703 Revision 5	RDSO letter circulating the pre-commissioning check list for Microlok II electronic interlocking to Railway Board and zonal railways.	2014-10-28	RDSO	Live
STS/L/SSI/CA/US&S	RDSO Letter dated 22.06.2011 on Electronic Interlocking (Ver 3.0)	RDSO letter of 22.06.2011 to the Railway Board and zonal railways concerning electronic interlocking, filed as Ver 3.0 under Hitachi important letters.	2011-06-22	RDSO	Live
Letter STS/L/SSI/CA/US&S Vol XXXVII - Improvement of Configuration for	RDSO Letter 24.08.2012	RDSO letter to Secretary (Signal), Railway Board, on improving the configuration for electronic	2012-08-24	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Electronic Interlocking (Cost of Hot Standby and PPM)		interlocking, with hot standby and PPM cost.			

CEL (Central Electronics) (12)

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Proforma for HASSDAC Phase Reversal Type, CEL	RDSO SIF No. 0682 Ver 1	RDSO acceptance test proforma for High Availability Single Section Digital Axle Counter (phase reversal type) of CEL.	2017-09-22	RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	CEL 20.11.2025	CEL reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	CEL	RDSO intranet - being processed
CEL Installation Manual - Single Section Digital Axle Counter DACF 710P (Phase Reversal Type), CEL/DAC/IM-04 Ver 1.1	Central Electronics Limited Manual 31.08.2007	Central Electronics Limited installation manual for the DACF 710P single section digital axle counter, designed to RDSO/SPN/177/2005.	2007-08-31	Central Electronics Limited	Live
Maintenance Guidelines for SSDAC (CEL make)	RDSO Maintenance Note 7002 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the CEL single section digital axle counter (model 710P).	2012-05-23	RDSO	Live
Letter No. STS/E/AC/Digital/CEL perfm - Policy on Block Proving by Axle Counter using OFC	RDSO Letter 30.09.2010	RDSO policy letter to zonal railways on use of block proving by digital axle counter with optical fibre.	2010-09-30	RDSO	Live
Acceptance Test Proforma for MSDAC of CEL Sahibabad, with covering letter	RDSO SIF 0666 Ver 2.0	RDSO letter issuing the revised acceptance test proforma for the CEL multi section digital axle counter, covering the new AD-711FS axle detector.	2022-10-21	RDSO	Live
Acceptance Test Proforma for SSDAC of M/s CEL (Amplitude / Phase Reversal Type)	RDSO SIF No. 0638 Ver 9	RDSO acceptance test proforma for single section digital axle counter of CEL as per RDSO/SPN/177, with amendment history.	2017-09-22	RDSO	Live
Final Pre-Commissioning Check List of SSDAC and HASSDAC Ver 7	RDSO Letter RDSO-SIG0SDAC(CEL)/1/2020	RDSO letter to Central Electronics Limited issuing the final pre-commissioning check list Version 7 for SSDAC and HASSDAC.		RDSO	Live
PCCL MSDAC CEL SIG 0615 Ver 1	RDSO Letter RDSO-SIGOMDAC(CEL)/1/2020	RDSO letter to Central Electronics Limited issuing pre-commissioning check list SIG 0615 Version 1 for its MSDAC.		RDSO	Live
Handbook on Maintenance of Digital Axle Counters (AzLS, AzLM, AzS350U, DACF 710A/P, G36)	CAMTECH/S/PROJ/2012-13/HB-DAC(M)/1.0	CAMTECH handbook on maintenance of digital axle counters of Eldyne, Siemens, CEL and GG Tronics, in vendor-specific sections.	2013-02	CAMTECH	Live
Handbook on Installation of Digital Axle	CAMTECH/S/PROJ/2014-15/HB-	CAMTECH handbook with vendor-specific installation	2014-10	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Counters (Eldyne AzLS/AzLM, Siemens AzS350U, CEL DACF 710A/P, GG Tronics G36)	DAC(I)/1.0	guidelines for digital axle counters of RDSO approved firms.			
Maintenance Handbook on CEL DACF-720P High Availability Single Section Digital Axle Counter	CAMTECH/S/PROJ/2016-17/HB-CEL-HASSDAC/1.0	CAMTECH maintenance handbook on the CEL DACF-720P high availability single section digital axle counter, covering components, installation and maintenance.	2017-01	CAMTECH	Live

Efftronics (12)

Title	Doc no.	Subject	Issued	Issuer	Status
CMU User Manual	Efftronics Data Logger System (IRS:S:99/2006)	OEM user manual for the central monitoring unit of the data logger system, covering network management setup, communication settings and online working.		Efftronics Systems Pvt Ltd, Vijayawada	Live
Installation Manual	Efftronics Data Logger System (IRS:S:99/2006)	OEM installation manual for data logger, RTU and FEP covering power supply, inputs, outputs, communication and pre-commissioning checklists.		Efftronics Systems Pvt Ltd, Vijayawada	Live
Maintenance Manual (Hardware)	Efftronics Data Logger System (IRS:S:99/2006)	OEM hardware maintenance manual for the data logger covering logged data, digital and analog inputs, fault identification and other functions such as changing date and time.		Efftronics Systems Pvt Ltd, Vijayawada	Live
Acceptance Test Format for Solid State Block Proving by Axle Counter (Digital) Single Line, Efftronics	RDSO SI-F-7.1-0670 Ver 1.0	RDSO acceptance test format for Efftronics single line digital solid state block proving by axle counter per RDSO/SPN/175/2005 Ver 1.	2016-05-06	RDSO	Live
Acceptance Test Format for Solid State Block Proving by Axle Counter (Digital) Double Line, Efftronics	RDSO SI-F-7.1-0672 Ver 1.0	RDSO acceptance test format for Efftronics double line digital solid state block proving by axle counter per RDSO/SPN/175/2005 Ver 1.	2016-05-06	RDSO	Live
SSBPAC (Digital) Volume II: System Description	CAMTECH/S&T/2022-23/ SSBPAC-D/VOL II/1.0	CAMTECH volume describing the Solid State Block Proving by Axle Counter - Digital system, prepared with Efftronics Systems.	2022-07	CAMTECH	Live
SSBPAC (Digital) Volume III: Installation, Testing & Commissioning	CAMTECH/S&T/2022-23/ SSBPAC-D/VOL III/1.0	CAMTECH volume on installation, testing and commissioning of Solid State Block Proving by Axle Counter - Digital, prepared with Efftronics Systems.	2022-09	CAMTECH	Live
SSBPAC (Digital) Volume IV: Maintenance & Troubleshooting	CAMTECH/S&T/2022-23/ SSBPAC-D/VOL IV/1.0	CAMTECH volume on maintenance and troubleshooting of Solid State Block Proving by Axle Counter - Digital, prepared with Efftronics Systems.	2022-10	CAMTECH	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Pre-commissioning Check List for Solid State Block Proving by Axle Counter (Digital) of Efftronics	RDSO SIG No. 0614 Ver 0	RDSO pre-commissioning check list for the Efftronics solid state block proving by axle counter (digital).	2012-03-30	RDSO	Live
Approval of 128 Digital Input RTU Manufactured by Efftronics Systems for Data Logger	RDSO Letter 21.07.2019	RDSO approval of the 128 bit digital input RTU of Efftronics for use with data loggers.	2019-07-21	RDSO	RDSO intranet - being processed
Approval of Upgraded Version of Data Logger, RTU and FEP of Efftronics Systems as per IRS:S:99/2006 Amdt 3	RDSO Letter 19.12.2024	RDSO approval of the upgraded version of data logger system, RTU and FEP made by Efftronics Systems.	2024-12-19	RDSO	RDSO intranet - being processed
Letter No. STS/E/Data logger - Modified FEP Software	RDSO Letter 13.02.2012	RDSO letter to data logger firms (Efftronics, HBL Power Systems and others) on modified FEP software.	2012-02-13	RDSO	Live

HIMA (11)

Title	Doc no.	Subject	Issued	Issuer	Status
Electronic Interlocking System Manual	HIMA Safeconnect SC 016 SYSTEM 165 Rev 1.2	OEM system manual for the HIMA SafeConnect HIMax / HIMatrix electronic interlocking for Indian Railways.		HIMA Safeconnect	Live
HIMax Electronic Interlocking Installation Manual	HIMA Safeconnect SC 016 INST 164	OEM installation manual for the HIMA SafeConnect HIMax electronic interlocking for Indian Railways.		HIMA Safeconnect	Live
HIMax Electronic Interlocking Maintenance Manual	HIMA Safeconnect SC 016 MNT 163	OEM maintenance manual covering recurring operating and maintenance activities for the HIMax electronic interlocking.		HIMA Safeconnect	Live
HIMA SILworX Programming Tool Manual	HIMA Safeconnect SC 016 SILWORX 166	OEM manual for the SILworX application software development tool for HIMax / HIMatrix electronic interlocking.		HIMA Safeconnect	Live
HIMatrix Manual for Railways (HI 801 673 E, 1.03)	HIMA Paul Hildebrandt GmbH Manual	HIMA manual on HIMatrix safety-related controllers for railway applications.		HIMA Paul Hildebrandt GmbH	Live
HIMatrix System Manual for Safety-Related Controllers	HIMA Paul Hildebrandt GmbH Manual	HIMA system manual for the HIMatrix safety-related controllers.		HIMA Paul Hildebrandt GmbH	Live
Firmware Version Upgradation of HIMA HIMatrix Electronic Interlocking	RDSO Letter No. RDSO-SIG-OEI(HIMA)/1/2020	RDSO approval of firmware version upgrade of the HIMA HIMatrix electronic interlocking controller and IO modules requested by Safeconnect Communication.	2023-12-01	RDSO	Live
Uploading for EI Policy	RDSO Letter RDSO-SIG-0EI(HIMA)/1/2020	RDSO Signal Directorate letter regarding uploading of material for the electronic interlocking policy	2025-08-18	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		(HIMA).			
System Alarms on VDU and Datalogger for HIMA make Electronic Interlocking	RDSO-SIG-0EI(HIMA)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of HIMA make electronic interlocking.		RDSO	Live
Acceptance Test Format for HIMA Electronic Interlocking Models HIMax and HIMatrix	RDSO SI-F-7.1-0156 Ver 1.0	RDSO acceptance test format for HIMax and HIMatrix electronic interlocking as per RDSO/SPN/192/2019 Ver 2.0.	2023-05-12	RDSO	Live
Pre-Commissioning Check List for HIMax-HIMatrix Electronic Interlocking (HIMA), with covering letter	RDSO SI-G-7.1-0382 Ver 2.0	RDSO letter issuing revised Ver 2.0 pre-commissioning checklist for HIMA make HIMax and HIMatrix electronic interlocking, effective 21-08-2026.	2026-08-21	RDSO	Live

Cisco (8)

Title	Doc no.	Subject	Issued	Issuer	Status
Cisco Catalyst 2960 Switch Software Configuration Guide, Cisco IOS Release 12.2(40)SE	Cisco Systems 09.2007	Cisco manual on configuring Catalyst 2960 switches, covering the command-line interface, IP addressing and switch features.	2007-09	Cisco Systems	Live
Cisco Catalyst 4500 Series Command Reference	Cisco Systems 2011	Cisco command reference for Catalyst 4500 series switches, listing show and configuration commands.	2011	Cisco Systems	Live
IP Routing Configuration Guide, Cisco IOS XE 26.x.x (Catalyst 9400 Switches)	Cisco Systems 28.09.2026	Cisco guide to configuring IP routing on Catalyst 9400 switches running IOS XE 26.x.x.	2026-09-28	Cisco Systems	Live
LAN Switching Configuration Guide (Cisco)	Cisco Systems 03.06.2026	Cisco guide covering LAN switching configuration such as ERSPAN and routing between VLANs with IEEE 802.1Q.	2026-06-03	Cisco Systems	Live
Layer 2 Configuration Guide, Cisco IOS XE 17.14.x (Catalyst 9200 Switches)	Cisco Systems 04.2024	Cisco guide to Layer 2 configuration on Catalyst 9200 switches, including Spanning Tree Protocol and loop detection guard.	2024-04	Cisco Systems	Live
Layer 2 Configuration Guide, Cisco IOS XE 26.x.x (Catalyst 9400 Switches)	Cisco Systems 28.09.2026	Cisco guide to Layer 2 configuration on Catalyst 9400 switches, including Spanning Tree Protocol and loop detection guard.	2026-09-28	Cisco Systems	Live
Layer 2 Configuration Guide, Cisco IOS XE Cupertino 17.8.x (Catalyst 9600 Switches)	Cisco Systems 04.2022	Cisco guide to Layer 2 configuration on Catalyst 9600 switches, including optional spanning-tree features and EtherChannels.	2022-04	Cisco Systems	Live
VLAN Configuration Guide, Cisco IOS XE Release 3.6E (Catalyst 3650 Switches)	Cisco Systems 26.06.2014	Cisco guide to VLAN configuration on Catalyst 3650 switches, including CLI, web GUI and VTP.	2014-06-26	Cisco Systems	Live

Coral Telecom (8)

Title	Doc no.	Subject	Issued	Issuer	Status
Coral Telecom Dhvani IP4LP IP Phone - Configuration & User Manual, First Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for installing, configuring and using the Dhvani IP4LP IP phone.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom Dhvani IP6LP IP Phone - Configuration & User Manual	Coral Telecom Ltd. Manual	Coral Telecom manual for installing, configuring and using the Dhvani IP6LP IP phone.		Coral Telecom Ltd.	Live
Coral Telecom Dhvani IP6LP V3.0 IP Phone	Coral Telecom Ltd. User Manual Ver 1.04, Fourth Edition (01.04.2024)	Coral Telecom user manual for the Dhvani IP6LP V3.0 IP phone.	2024-04-01	Coral Telecom Ltd.	Live
Coral Telecom Drishti AVP6LP Video IP Phone - Configuration & User Manual	Coral Telecom Ltd. Manual	Coral Telecom manual for installing, configuring and using the Drishti AVP6LP video IP phone.		Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud Media Gateway (MGW) - Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud MGW - FXO Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the FXO interface of the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud MGW - FXS Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the FXS interface of the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live
Coral Telecom IRIS IVDX Cloud MGW - PRI Configuration Manual, Third Edition	Coral Telecom Ltd. Manual 01.01.2024	Coral Telecom manual for configuring the PRI interface of the IRIS IVDX Cloud media gateway.	2024-01-01	Coral Telecom Ltd.	Live

Frauscher (8)

Title	Doc no.	Subject	Issued	Issuer	Status
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Frauscher 20.11.2025	Frauscher reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Frauscher	RDSO intranet - being processed
Advanced Counter FAdC - System Description, Installation and Maintenance Practices (Day 1 Session 1)	Frauscher 06.04.2020	Frauscher presentation for Indian Railways on the FAdC axle counter system description and installation and maintenance practices and tools.	2020-04-06	Frauscher	RDSO intranet - being processed
Frauscher FAdC R2 - Technical Manual PdM100041 Version 3	Frauscher Sensor Technology India Pvt Ltd Manual 10.03.2020	OEM technical manual for the Frauscher FAdC R2 axle counter evaluator, covering intended use, safety and technical details.	2020-03-10	Frauscher Sensor Technology India Pvt Ltd	Live
Acceptance Test Proforma for Multi Section Axle Counter FAdC R2 of Frauscher, with covering letter	RDSO SIF 7.1-1602 Ver 5.5	RDSO letter issuing the revised acceptance test proforma for the Frauscher FAdC R2 multi section digital axle counter, effective from 15.09.2025.	2025-09-15	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
Final PCCL Frauscher SIG 0620 Ver 5.5	RDSO Letter RDSO-SIGOMDAC(FRAS)/1/2020	RDSO letter to Frauscher Sensor Technology India issuing the final pre-commissioning check list SIG 0620 Version 5.5.		RDSO	Live
Pocket Book on Frauscher Advanced Counter FAdC	CAMTECH/S/PROJ/2018-19/SP5	Pocket book covering outdoor and indoor equipment, wheel sensor RSR 180, power supply and maintenance of the Frauscher FAdC axle counter.	2018-11	CAMTECH	Live
Handbook on Installation, Maintenance and Troubleshooting of Frauscher Advanced Counter FAdC	CAMTECH/S&T/2023-24/FAdC/1.0	CAMTECH handbook for SSEs and JEs (S&T) on installation, maintenance and troubleshooting of the Frauscher Advanced Counter axle counter.	2023-06	CAMTECH	Live
Maintenance Handbook on Frauscher ACS2000 Multi Section Digital Axle Counter	CAMTECH/S/PROJ/2015-16/MHB-F-MSDAC/1.0	CAMTECH maintenance handbook on the Frauscher ACS 2000 multi section digital axle counter covering overview, installation, maintenance, troubleshooting and precautions.	2016-03	CAMTECH	Live

Deltron (7)

Title	Doc no.	Subject	Issued	Issuer	Status
Users Manual for Block Proving with Axle Counter using UFSBI for Double Line (IRS:S-105/2012)	Deltron Equipment & Systems BPAC/UM/DL 1.0	User manual for block proving with axle counter using UFSBI on double line, describing block panel components and relay nomenclature.		Deltron Equipment & Systems	Live
Letter No. STS/E/FOFIS/UFSBI/Deltron - Block Working on Wireless Media using UFSBI and 2.4 GHz FHSS Radio	RDSO Letter 06.10.2010	RDSO letter approving radio interface for UFSBI over 2.4 GHz FHSS radio in 20 block sections for extended field trials, with application conditions.	2010-10-06	RDSO	Live
Acceptance Test Format for Deltron Make UFSBI	RDSO SIF 0506 Ver 5.0	RDSO acceptance test proforma for Deltron make universal fail-safe block interface (UFSBI) to IRS-S-104/2012.	2016-01-12	RDSO	Live
Acceptance Test Format for Block Panel Double Line with SSDAC and UFSBI (Deltron make)	RDSO SIF 0644 Ver 1	RDSO acceptance test format for double line block panel with single section digital axle counter and UFSBI, Deltron make.	2006-02-04	RDSO	Live
Acceptance Test Format for Block Panel with SSDAC and UFSBI for Single Line (Deltron make)	RDSO SIF 0662 Ver 1	RDSO acceptance test format for single line block panel with single section digital axle counter and UFSBI, Deltron make.	2007-05-25	RDSO	Live
Pre-Commissioning Check List for Universal Fail Safe Block Interface (UFSBI) as per IRS:S-104/2012	Deltron Equipment & Systems Pvt. Ltd. Checklist	Pre-commissioning check list for the UFSBI working with IBS, from Deltron Equipment & Systems Pvt. Ltd.		Deltron Equipment & Systems Pvt. Ltd.	Live
Universal Fail Safe Block Interface (UFSBI), Deltron Make	STTC Gorakhpur Handbook ST-25(d)	Study material on the UFSBI push button block instrument, Deltron make.		STTC Gorakhpur (North Eastern	Live

Title	Doc no.	Subject	Issued	Issuer	Status
				Railway)	

Eldyne (7)

Title	Doc no.	Subject	Issued	Issuer	Status
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Eldyne 20.11.2025	Eldyne reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Eldyne	RDSO intranet - being processed
Acceptance Test Format SIF 7.1 0646 Ver 6 for Multi-Section Digital Axle Counter (AzLM) of Eldyne	RDSO Letter RDSO-SIGOMDAC(ELDY)/1/2020	RDSO letter issuing the acceptance test format for the Eldyne AzLM multi-section digital axle counter.	2021-02-01	RDSO	Live
Letter STS/E/AC/Digital/Eldyne/AzLS - Modified Acceptance Test Proforma SIF 7.1 0642 Ver 4 for Single Section Digital Axle Counter (AzLS) of Eldyne	RDSO Letter 15.05.2017	RDSO letter issuing the modified acceptance test proforma for the Eldyne AzLS single section digital axle counter.	2017-05-15	RDSO	Live
Pre-Commissioning Check List SIG-0604 Ver 5.0 for Eldyne MSDAC AzLM	RDSO Letter RDSO-SIGOMDAC (ELDY)/1/2022	RDSO letter to Eldyne Electro-systems issuing pre-commissioning check list SIG-0604 Version 5.0 for the MSDAC AzLM.	2025-04-01	RDSO	Live
PCCL Ver 1 for Eldyne SSDAC AzLS Ver 1.1	RDSO Letter RDSO-SIGOSDAC (ELDY)/1/2020	RDSO letter to Eldyne Electro-systems issuing pre-commissioning check list Version 1 for the SSDAC AzLS.	2025-09-17	RDSO	Live
Handbook on Maintenance of Digital Axle Counters (AzLS, AzLM, AzS350U, DACF 710A/P, G36)	CAMTECH/S/PROJ/2012-13/HB-DAC(M)/1.0	CAMTECH handbook on maintenance of digital axle counters of Eldyne, Siemens, CEL and GG Tronics, in vendor-specific sections.	2013-02	CAMTECH	Live
Handbook on Installation of Digital Axle Counters (Eldyne AzLS/AzLM, Siemens AzS350U, CEL DACF 710A/P, GG Tronics G36)	CAMTECH/S/PROJ/2014-15/HB-DAC(I)/1.0	CAMTECH handbook with vendor-specific installation guidelines for digital axle counters of RDSO approved firms.	2014-10	CAMTECH	Live

Nippon Signal (7)

Title	Doc no.	Subject	Issued	Issuer	Status
EI32SA/LA Electronic Interlocking	Nippon Signal Installation Manual, Doc. No. A-MA6008A-001 Rev A	Nippon Signal bilingual (Japanese/English) installation manual for the EI32SA/LA electronic interlocking equipment.		Nippon Signal	Live
EI32SA/LA Electronic Interlocking	Nippon Signal Maintenance Manual, Doc. No. A-MA6008A-	Nippon Signal bilingual (Japanese/English) maintenance manual for the EI32SA/LA electronic		Nippon Signal	Live

Title	Doc no.	Subject	Issued	Issuer	Status
	201 Rev B	interlocking equipment, covering system, self-diagnosis and handling.			
EI32SA/LA Electronic Interlocking	Nippon Signal Operation Manual, Doc. No. A-MA6008A-101 Rev A	Nippon Signal bilingual (Japanese/English) operation manual for the EI32SA/LA electronic interlocking equipment.		Nippon Signal	Live
Revised Software Baseline Hash Value, EI32SA/LA (Nippon Signal)	RDSO Approval Letter No. RDSO-SIG0EI(NIPP)/1/2020	RDSO letter approving the revised software baseline hash value for the Nippon Signal EI32SA/LA electronic interlocking system.	2023-10-20	RDSO	Live
Fresh Registration of Nippon Signal India for Electronic Interlocking EI32SA-LA	RDSO Final Decision Letter RDSO/108/1901/00018538	RDSO decision letter including Nippon Signal India in the vendor directory for electronic interlocking on cross approval for model EI32SA-LA.	2022-06-03	RDSO	Live
System Alarms on VDU and Datalogger for Nippon make Electronic Interlocking (EI32SA/LA)	RDSO-SIG0EI(PERF)/1/2020	RDSO letter listing system warnings and indications provided on the VDU and datalogger of Nippon EI32SA/LA electronic interlocking.		RDSO	Live
Acceptance Test Format for Nippon Signal EI32SA/LA Electronic Interlocking	RDSO SI-F-7.1-0154 Ver 1.2	RDSO acceptance test format for Nippon Signal EI32SA/LA electronic interlocking as per RDSO/SPN/192/2019 Ver 2.0.	2024-04-24	RDSO	Live

DCC (Digital Communication & Control) (6)

Title	Doc no.	Subject	Issued	Issuer	Status
Acceptance Test Format for Block Panel Double Line with SSDAC and UFSBI (DCC make)	RDSO SIF 0644 Ver 1	RDSO acceptance test format for double line block panel with single section digital axle counter and UFSBI, Digital Communication & Control make.	2006-02-04	RDSO	Live
Acceptance Test Format for Block Panel with SSDAC and UFSBI for Single Line (DCC make)	RDSO SIF 0662 Ver 1	RDSO acceptance test format for single line block panel with single section digital axle counter and UFSBI, Digital Communication & Control make.	2007-05-25	RDSO	Live
Pre-Commissioning Check List for Double Line Block Proving with Axle Counter using UFSBI (IRS:S-105/2012)	Digital Communication & Control Pvt. Ltd. Checklist	Pre-commissioning check list for double line block proving with axle counter using UFSBI, by Digital Communication & Control Pvt. Ltd.		Digital Communication & Control Pvt. Ltd.	Live
Pre-Commissioning Check List for Single Line Block Proving with Axle Counter using UFSBI (IRS:S-105/2012)	Digital Communication & Control Pvt. Ltd. Checklist	Pre-commissioning check list for single line block proving with axle counter using UFSBI, by Digital Communication & Control Pvt. Ltd.		Digital Communication & Control Pvt. Ltd.	Live
Full Circuit Diagram	Digital Communication & Control, Kolkata Single Line Tokenless Block Instrument to IRS:S98/2001, DCC Make (Drg	Full circuit diagram of a single line tokenless block instrument made by Digital Communication & Control, based on RDSO drawing RDSO/S-14486.	2004-02-16	Digital Communication & Control, Kolkata	Live

Title	Doc no.	Subject	Issued	Issuer	Status
	No. DCC/TBI/WD/01)				
Single Line Tokenless Block Instrument (DCC Make)	STTC Gorakhpur Handbook ST-25(b)	Study material on the single line tokenless block instrument, DCC make.		STTC Gorakhpur (North Eastern Railway)	Live

Motorola (6)

Title	Doc no.	Subject	Issued	Issuer	Status
Letter Submitting Type Test Report for Motorola 5 Watt VHF Digital Walkie-Talkie Set	Letter 22.02.2024	Letter submitting the type test report for Motorola 5 watt VHF digital walkie-talkie sets supplied against a railway tender.	2024-02-22		RDSO intranet - being processed
MOTOTRBO XiR P6600/XiR P6600i Series Non-Keypad Portable Radio User Guide	Motorola Solutions MN003673A01-AJ	Motorola Solutions user guide for the MOTOTRBO XiR P6600 and P6600i non-keypad digital portable two-way radios.	2022-03	Motorola Solutions	Live
Motorola GP328 Professional Two-Way Radio - User Manual	Motorola Inc. Manual 27.05.1998	Motorola user manual and warranty information for the GP328 professional two-way radio.	1998-05-27	Motorola Inc.	Live
MOTOTRBO XiR P6600i Series Digital Two-Way Radios - Product Data Sheet	Motorola Solutions	Product data sheet for the MOTOTRBO XiR P6600i series DMR digital two-way radios, listing features, safety, battery life and models.		Motorola Solutions	Live
Motorola VHF Walkie-Talkie PoC 2	Document 04.2026	Proof of concept document for Motorola VHF walkie-talkie sets; text not available.	2026-04		RDSO intranet - being processed
PoC Trial for 5-Watt VHF Sets of Motorola with Seamless Communication Systems (PoC 1)	RDSO Letter 09.02.2024	RDSO letter on proof of concept trial of Motorola 5 watt VHF sets supplied by Seamless Communication Systems.	2024-02-09	RDSO	RDSO intranet - being processed

GE Transportation (5)

Title	Doc no.	Subject	Issued	Issuer	Status
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 1 of 4 (pages 1-67)	OEM installation and maintenance manual for the GE VHLC hardware components, including modules, serial port modules and specifications.		GE Transportation Global Signaling	Live
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 2 of 4 (pages 68-134)	OEM installation and maintenance manual for the GE VHLC hardware components, including modules, serial port modules and specifications.		GE Transportation Global Signaling	Live
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 3	OEM installation and maintenance manual for the GE VHLC hardware components, including modules,		GE Transportation Global Signaling	Live

Title	Doc no.	Subject	Issued	Issuer	Status
	of 4 (pages 135-201)	serial port modules and specifications.			
GE Transportation VHLC (Vital Harmon Logic Controller) Hardware Components	Installation and Maintenance, IM-355 (100355-003 AE0), Part 4 of 4 (pages 202-268)	OEM installation and maintenance manual for the GE VHLC hardware components, including modules, serial port modules and specifications.		GE Transportation Global Signaling	Live
Pre-commissioning Check List for GE (GETS) VHLC Electronic Interlocking	RDSO Format No. SIG-0704 Version 0	RDSO pre-commissioning check list for the GE Transportation VHLC electronic interlocking, covering general information, reference documents and outdoor and indoor checks.	2008-09-30	RDSO	Live

Avaya (4)

Title	Doc no.	Subject	Issued	Issuer	Status
Avaya IP Telephony Implementation Guide - Communication Manager 3.1	Avaya Inc. 05.2006	Avaya Labs guide giving implementation guidelines for Avaya Communication Manager, media servers, gateways and 4600 Series IP telephones, including VLANs.	2006-05	Avaya Inc.	Live
Avaya IP600 / G3 / S87xx - UCC / Avaya one-X Speech Server Integration	Avaya Inc. Configuration Note 3603 Rev K	Avaya configuration note on integrating Avaya IP600/G3/S87xx with the UCC / Avaya one-X Speech Server using E1 QSIG.	2009-02	Avaya Inc.	Live
Avaya System 75/85, Definity G1/G2/G3 and Prologix	Avaya Inc. Octel 350 Digital Set Emulation, Configuration Note 4082 Ver M	Avaya configuration note on Octel 350 message server integration using digital set emulation with Definity and System 75/85 PBXs.	2002-10	Avaya Inc.	Live
Using Avaya 9608/9608G/9611G IP Deskphones SIP, Release 6.3.1, Issue 2	Avaya 01.2014	Avaya user guide for the 9608, 9608G and 9611G IP deskphones using SIP, release 6.3.1.	2014-01	Avaya	Live

Webfil (4)

Title	Doc no.	Subject	Issued	Issuer	Status
Webfil Access MUX - User's Manual	Webfil Ltd Manual	Webfil user's manual for the Access Mux, a truncated drop/insert multiplexer with E1 streams, covering technical data, installation, operation and network management.		Webfil Ltd	Live
Webfil FlexiMUX Programmable Drop/Insert Multiplexer - Technical Handbook	Webfil Ltd Handbook	Webfil technical handbook for the FlexiMUX E1 drop/insert multiplexer, covering technical data, installation, maintenance and network management.		Webfil Ltd	Live
Acceptance Test Format for BPAC using UFSBI for Single Line (Webfil make)	RDSO SI-F-7.1-0692 Ver 1.0	RDSO acceptance test format for block proving axle counter using UFSBI for single line, Webfil make, to	2015-08-11	RDSO	Live

Title	Doc no.	Subject	Issued	Issuer	Status
		IRS:S 105/2012.			
Acceptance Test Format for BPAC using UFSBI for Double Line (Webfil make)	RDSO SI-F-7.1-0694 Ver 1.0	RDSO acceptance test format for block proving axle counter using UFSBI for double line, Webfil make, to IRS:S 105/2012.	2015-08-11	RDSO	Live

Sigma (3)

Title	Doc no.	Subject	Issued	Issuer	Status
ATP Sigma MSDAC Version 5.0	RDSO Letter RDSO-SIGOMDAC (SIGM)/1/2020 to Sigma Rail Systems	RDSO letter to Sigma Rail Systems Pvt. Ltd., Kolkata, concerning the MSDAC version 5.0.		RDSO	Live
Escalation Matrix for MSDAC/DAC Failure Reporting at Zonal Level	Sigma 20.11.2025	Sigma reply to RDSO letter RDSO-SIG0SDAC/1/2020 giving its zonal escalation matrix for failure reporting of digital axle counters.	2025-11-20	Sigma	RDSO intranet - being processed
PCCL Ver 3.0 for Sigma MSDAC (BO 23)	RDSO Letter RDSO-SIGOMDAC (SIGM)/1/2020	RDSO letter to Sigma Rail Systems Pvt. Ltd. on pre-commissioning check list Version 3.0 for its MSDAC.		RDSO	Live

Statcon (3)

Title	Doc no.	Subject	Issued	Issuer	Status
Installation, Commissioning and Servicing Manual for 48V SMPS Based Power Plant (RDSO/SPN/TL/23/99 Ver 4.0)	Statcon Electronics Doc No. S-MAN-SEIL-208-18 Rev 1	Statcon installation, commissioning and servicing manual for a 48V, 50A SMPS based power plant made to RDSO/SPN/TL/23/99 version 4.0.		Statcon Electronics India Ltd	Live
IPS Presentation (Statcon) - Day 3 Installation and Maintenance Practices, 10.04.2020	Presentation 10.04.2020	Company presentation of an integrated power supply and battery charger supplier to Indian Railways, covering company background and approvals.	2020-04-10		RDSO intranet - being processed
Installation and Maintenance Handbook on Integrated Power Supply for Signalling (Make Gallant Power and Statcon Energiaa), RDSO/SPN/165/2023 Ver 4.0	CAMTECH/S&T/2024-25/IPS/4.1	CAMTECH handbook for SSE/JE Signal and technicians on SMPS based integrated power supply for signalling of Gallant Power and Statcon Energiaa make.	2025-12	CAMTECH	Live

TP-Link (3)

Title	Doc no.	Subject	Issued	Issuer	Status
Archer C6 Router - User Manual	TP-Link Manual	TP-Link user manual for the Archer C6 router covering setup and configuration.		TP-Link	Live

Title	Doc no.	Subject	Issued	Issuer	Status
JetStream Series Switch - Installation Guide	TP-Link	TP-Link installation guide for JetStream series switches.		TP-Link	Live
Series Switch - Configuration Guide	TP-Link T1600G	TP-Link configuration guide for T1600G series switches.		TP-Link	Live

Alstom (2)

Title	Doc no.	Subject	Issued	Issuer	Status
In-Principle Approval of Kavach Layout and Interface Drawings for WAG12B Locomotives (Alstom)	RDSO Drawing	RDSO in-principle approval of Alstom's Kavach layout and interface drawings for WAG12B electric locomotives.		RDSO	RDSO intranet - being processed
Minutes of Meeting at CoE/IRISET on Integration of Kavach in Alstom WAG12B Locomotives with CCB 2.0 Brake System	CoE Kavach Minutes 02.09.2025	Minutes of the 02.09.2025 meeting on integrating Kavach in Alstom WAG12B locomotives with CCB 2.0 brakes.	2025-09-02	CoE Kavach (IRISET)	RDSO intranet - being processed

Amara Raja (2)

Title	Doc no.	Subject	Issued	Issuer	Status
Amara Raja Power Systems	Amara Raja Power Systems Ltd Integrated Power Supply (IPS) Manual to RDSO/SPN/165/2012 Ver 3.0	Amara Raja Power Systems manual for its integrated power supply to RDSO/SPN/165/2012 Ver 3.0, with amendment record and abbreviations.		Amara Raja Power Systems Ltd	Live
Maintenance Handbook on SMPS Power Plant for Telecom Installations (Amara Raja make)	CAMTECH/S/PROJ/16-17/HB-SMPS/1.0	CAMTECH handbook on 48 V DC SMPS power plants for telecom installations to RDSO/SPN/TC/23/99, with the Amara Raja AR-4 system as example.		CAMTECH	Live

Crompton Greaves (2)

Title	Doc no.	Subject	Issued	Issuer	Status
Temporary Delisting of M/s Crompton Greaves Ltd., Pithampur, for Data Logger System as per IRS:S-99/2006	RDSO Letter 06.09.2016 Amdt.3	RDSO letter on temporary delisting of a firm for the data logger system per IRS:S-99/2006.	2016-09-06	RDSO	RDSO intranet - being processed
Minutes of Meeting with M/s Crompton Greaves Ltd. held on 09.06.2016	RDSO Letter 08.07.2016	RDSO minutes of the meeting held with Crompton Greaves Ltd. at RDSO Lucknow on 09.06.2016.	2016-07-08	RDSO	RDSO intranet - being processed

D-Link (2)

Title	Doc no.	Subject	Issued	Issuer	Status
Access Point User Manual	D-Link Manual DAP-3662	D-Link user manual for the DAP-3662 access point covering installation, operational modes and wireless settings.		D-Link	Live
Router Quick Start Manual	D-Link Manual DIR-842	D-Link quick start manual for the DIR-842 router covering connection, configuration and troubleshooting.		D-Link	Live

Team Engineers (2)

Title	Doc no.	Subject	Issued	Issuer	Status
TEAMLINK 3002 LE 4-Port LAN Extender (G.SHDSL) - Technical Specifications	Team Engineers, Hyderabad Specification	Team Engineers technical specifications for the 4-port G.SHDSL LAN extender TEAMLINK 3002 LE.		Team Engineers, Hyderabad	Live
TEAMLINK 3002 SHDSL LCD Modem (2-Wire Leased Line, 2 Mbps G.SHDSL) - User Manual	Team Engineers, Hyderabad Manual	Team Engineers user manual for the TEAMLINK 3002 SHDSL LCD modem for 2-wire leased line.		Team Engineers, Hyderabad	Live

Thales (2)

Title	Doc no.	Subject	Issued	Issuer	Status
Maintenance Guidelines for MSDAC (Thales make)	RDSO Maintenance Note 7003 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the Thales multi section digital axle counter and its hardware.	2012-05-23	RDSO	Live
Maintenance Guidelines for SSDAC (AzLS Ver 1.1, Thales make)	RDSO Maintenance Note 7004 Ver 1.0	RDSO maintenance guidelines defining maintenance practices for the Thales AzLS ver 1.1 single section digital axle counter.	2012-05-23	RDSO	Live

ALTPRO (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Axle Counter	ALTPRO User BO23 Documentation D215600-0501060102 Version 6	Altpro user documentation for the BO23 axle counter, covering technical description, outdoor and indoor units, wiring and application, supplied in India by Sigma Rail.	2016-12-08	ALTPRO	Live

Convey (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Digital Two-way Radio - Quick Start Guide	CONVEY C1-DP	Quick start guide for the CONVEY C1-DP digital two-way radio covering accessories, battery installation, antenna and charging.		CONVEY	Live

Energiaa (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Installation and Maintenance Handbook on Integrated Power Supply for Signalling (Make Gallant Power and Statcon Energiaa), RDSO/SPN/165/2023 Ver 4.0	CAMTECH/S&T/2024-25/IPS/4.1	CAMTECH handbook for SSE/JE Signal and technicians on SMPS based integrated power supply for signalling of Gallant Power and Statcon Energiaa make.	2025-12	CAMTECH	Live

Fujikura (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Fujikura 45S Clad Alignment Fusion Splicer - Instruction Manual Rev02	Fujikura Ltd. Manual	OEM instruction manual for the Fujikura 45S clad alignment fusion splicer, including safety information and general operation.		Fujikura Ltd.	Live

JMV LPS (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Protection of Sensitive S&T Equipment against Lightning and Surges - Earthing and Surge Protection Practices (Day 1 Session 2)	JMV LPS Limited	JMV LPS presentation on maintenance free earthing, lightning protection design, surge protection devices and installation practices for signalling installations.		JMV LPS Limited	RDSO intranet - being processed

Komplex (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Marker Database PC Software v.2.0.0.1 User Manual	Komplex s.r.o. Manual 2019	Komplex s.r.o. user manual for the Marker Database PC software version 2.0.0.1.	2019	Komplex s.r.o.	Live

NETGEAR (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Intelligent Edge Series - Hardware Installation Manual	NETGEAR Manual M4300	NETGEAR hardware installation manual for the M4300 series switches: hardware features, stacking, ports, power supplies and installation steps.		NETGEAR	Live

Puncom (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Puncom VMX-0100 Primary E1 Add/Drop Multiplexer - User Manual	Punjab Communications Ltd (Puncom) Manual	Punjab Communications Limited user manual for the VMX-0100 primary E1 add/drop multiplexer.		Punjab Communications Ltd (Puncom)	Live

Sanchar Wireless (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Sanchar STC-700 VHF/UHF Wide-Band Radio - Instruction Manual	Sanchar Wireless Communications Ltd Manual	Instruction manual for the Sanchar STC-700 VHF/UHF wide-band transceiver.		Sanchar Wireless Communications Ltd	Live

Sophos (1)

Title	Doc no.	Subject	Issued	Issuer	Status
XG Firewall - Command Reference Manual	Sophos Manual 2017	Sophos command reference manual for the XG Firewall command line console, covering network, system, routing and device console commands.	2017	Sophos	Live

Tadiran (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Handbook on IP based Telephone Exchange (Aeonix of TADIRAN make)	CAMTECH/S/PROJ/2020-21/SP6 Version 1.0	CAMTECH handbook on the IP based Aeonix telephone exchange of Tadiran make, covering softswitch based VoIP exchange technology.	2020-10	CAMTECH	Live

Tejas (1)

Title	Doc no.	Subject	Issued	Issuer	Status
Series - Installation and Commissioning Manual	Tejas Networks Manual 11.03.2024 TJ1600	Tejas Networks manual for installation and commissioning of TJ1600 series equipment.	2024-03-11	Tejas Networks	Live

VIAVI (1)

Title	Doc no.	Subject	Issued	Issuer	Status
T-BERD/MTS-2000, -4000 V2, -5800, SmartOTDR	VIAVI OTDR Application User Manual 700MAN201 Rev 011 (2025)	VIAVI user manual for the OTDR application on T-BERD/MTS and SmartOTDR platforms.	2025	VIAVI Solutions	Live