

## SUMMARY OF REFERENCE DOCUMENTS

### CHAPTER 1 – ALIGNMENT AND SURVEY

SN	Para No	Ref. document details	
1	101(1), 103	1.01	Setting up of Gati Shakti Units in Divisions Railway Board's Lr. No. 2021/W-I/Genl./Gati Shakti dt. 27.07.2022
2	101(2), 102(3)(a), 104	1.02	Fast-tracking the sanction & execution of Projects - Rly Bd's Lr. No. 2021/W-I/Genl./Gati Shakti dt. 28.10.2022
3	102(3)(C) (vi), 104(3) (q)(i)	1.03	Financial Appraisal framework for evaluation of Railway Project - Railway Board's latest Circular No.2023/Gatishakti/TF/02 dt. 14.09.2023
4	102(3)(C) (vi), 104(3) (q)(ii)	1.04	Economic appraisal framework for evaluation of Railway Projects - Railway Board's latest Circular No.2022/Gatishakti/EU/49 dt. 19.08.2022
5	104	1.05	Proposals for sanction of Final Location Survey (FLS) 2021/W-I/ Genl./Gatishakti Pt. 3 dt. 31.07.2023
6	104(3)(r)	1.06	Proforma for preparation and submission for DPR for NL/MT/GC - Railway Board's Lr. No. 2022/W-I/Gen/DPR Proforma dt. 02.09.2022
7	104(3)(r)(iii)	1.07	Development of a short video by project Proponent on the Proposed Project 2021/W-I/Genl./Gatishakti (E-3378115) dt. 24.08.2023
8	.....	1.08	CAO Conference on the subject "Efficient Project Management" on 22.04.2023 2023/Gatishakti/ Genl./ CAO/Conf. dt. 29.05.2023
9	.....	1.09	Fast-tracking the execution of Projects No.2023/W-I/Genl./CAO/C/ Conference.Pt.7 dt. 16.03.2023

### CHAPTER 2 – PROJECT PLANNING

SN	Para No	Ref. document details	
1	201(1)	2.01	Degree of curvature for new projects of New Line, Gauge conversion and Doubling and Level Crossing in New Line. [Railway Board's Lr. Nos. 2013/W-I/Genl./0/30 Pt-II dt. 04.05.2018 & 28.05.2018]
2	201(1)	2.02	Speed Policy framework for Indian Railways. [Railway Board's Lr. No. 2017/Mobility/2/3 dt. 08/12.06.2018 and 2015/W-1/Genl./ Corr.GM/pt. dt. 06.12.2018]
3	201(2)	2.03	Construction of formation for Doubling on DFC feeder routes. [Railway Board's Lr. No. 2013/W-1/Genl./0/30 Pt-II dt. 18.12.2019]
4	201(4)	2.04	Construction of bridges during doubling. [Railway Board's Lr. No. 2017/29/CE-III/BR/Br.588/ECOR dt. 03.08.2017]
5	201(5)	2.05	Planning of OHE Layout While Executing Electrification work on single line sections. [Railway Board's Lr. No. 2017 /W-I/Genl./NL- RE dt. 27.01.2017]

SN	Para No	Ref. document details	
6	201(6)	2.06	Level Crossings on New Line/Gauge Conversion/ Doubling/ Multi Tracking projects. 2021/W-I/Genl./Gatishakti (e-3378115) dt. 18.08.2023
7	201(8)	2.07	Policy guidelines-Execution and Alignment of 3rd line projects. [Railway Board's Lr. nos. 2013/PL/19/1 (Policy) dt. 05.07.2018, Lr. No. 2018/W-I/Genl./Policy dt. 04.09.2018 and Lr. No. 2023/W-I/Genl/ CAO/C/ Conference. Pt.7 dt. 16.03.2023]
8	201(8)(a)	2.08	Comprehensive instructions for provision of passenger Amenities and user facilities at station. [Railway Board's Lr. No. 2018/ LM(PA)/03/06 dt. 09.04.2018]
9	201(8)(a)	2.09	Platform length at Railway stations for new line, gauge conversion and doubling projects. [Railway Board's Lr. No. 2013/W-I/ Genl./0/30/Pt-II dt. 25.02.2020]
10	201(8)(a)	2.10	Provision of Fixed structures in New Line/Gauge conversion projects and setting of Gate lodges, station buildings etc. alongside the existing track. [Railway Board's Lr. No. 2013NV-I/Genl./0/30 Pt. II dt. 12.05.2017]
11	201(11)	2.11	Up-gradation of electric traction system [Railway Board Lr. No. 2022/RE/161/4 dt. 27.05.2022]
12	202(10)	2.12	Standard yard layouts [Railway Board Lr. No.2015 /Sig/ WG/ Standard layout dt. 12.07.2017]
13	202(3)(A)	2.13	Provision of different type of services/consultancies for project implementation in Indian Railways. [Railway Board's Lr. No. 2023/CE-I/CT/1/Policy dt. 15.03.2023]
14	201(6)	2.14	Policy for Road Crossing Works (ROB /RUB /LHS /FOBs / Subway) to eliminate level crossing and Trespassing areas under PH-30 issued vide Rly. Bd. Lr. No. 2017/CE-IV/LX-Misc./ 244 (LCs) Pt. dt. 02-03-2023

### CHAPTER 3 – LAND ACQUISITION AND FOREST CLEARANCE

SN	Para No	Ref. document details	
1	303(1)(b)	3.01	Railway Board's Lr. no 2010/LML/12/8 dt. 19.12.2014 authorising General Managers of Railways to notify any project as "Special Railway Project."
2	303(1)(c)	3.02	Railway Board's Lr. No. 2018/W-1/Genl/Land Acquisition dt. 25.11.2022 to declare projects as "Special Rly Project".
3	303(1)(c)	3.03	Railway Board's Lr. No. 2010/LML/12/8 dt. 21.02.2020 to declare projects as "Special Rly Project"
4	303(3)(a)	3.04	Railway Board's Lr. no 2015/W-2/SCR/NL/22 dt. 20.10.2016 listing cases where land acquisition can be done under Direct Purchase Policy

SN	Para No	Ref. document details	
5	307(8)	3.05	As per Railway Board's Lr. No. 2018/W-I/Genl./Land Acquisition/ Pt I dt. 06.09.2018 regarding land acquisition for tunnels.
6	310(2), 310(3)(a), 310(6)(a)	3.06	Rly Board's Lr. No. 2008/LML/12/2 dt. 13.02.2008 authorising CAO/C and GM to notify Competent Authority for land acquisition under Rly Act.
7	310(1)	3.07	Sample Gazette Notification to notify Special Railway Project u/s 2(37A) of Railway Act
8	310(2)	3.08	Sample Gazette Notification to notify "Competent Authority for Land Acquisition" u/s 2(7A) of Railway Act
9	310(3)(a)	3.09	Sample Gazette Notification to declare intention to acquire land u/s 20A(1)
10	310(6)(a)	3.10	Sample Gazette Notification for declaration of land acquisition u/s 20E(1)
11	310(9)(a)	3.11	Land Acquisition (Special Railways Projects) Rules, 2016
12	310(9)(a)	3.12	Rly Bd. Lr. No. 2018/W-I/Genl./Land Acquisition dt. 05.02.2020 reg. opening of joint account for payment under Rly Act
13	310 (9) (a)	3.13	Railway Board's Lr. No 2023/ACII/9/2/e 342205 dt. 27.02.2023 reg. opening of joint account for payment under Rly Act
14	311 (17) (d)	3.14	Railway Board's instructions vide Lr. no 2021/W-1/377/SR/7 dt. 06.02.2023, reg. expeditious payment of compensation amount.
15	311(14) (c)	3.15	Railway Board's Lr. No. E(NG)II/2010/RC-5/1 dt. 11.11.2019 reg. Lump sum payment of Rs. 5 lakh and no employment to the affected families
16	314(1)	3.16	Railway Board vide Lr. no 2019/W-1/Genl./Land-LC (E-3280805) dt. 08.06.2023, reg. mutation and completing land records.
17	314(5)	3.17	Railway Board's Lr. No. 2014/LML-11/13/7 dt. 09.07.2014 reg. handing over of land records to open line
18	314(5)(f)	3.18	Sample Copy of Land Taking/handing over note with Railway and Revenue officials
19	318(2)(e)	3.19	MoEF's Lr. dt. 10.03.2022 reg. non applicability of Forest Conservation Act, 1980 and Wild life Protection Act, 1972 for Rly land in forest area.
20	318(2)(e)	3.20	MoEF's Lr. dt. 22.02.2023 reg. non applicability of Forest Conservation Act, 1980 and Wild life Protection Act, 1972 for Rly land in forest area.
21	318(4)	3.21	Ministry of Environment, Forest and Climate Change's Lr. no F.No. IA3-12/3/2023-IA.III (E-220190), dt. 06.10.2023, reg CRZ clearance.
22	317(1)	3.22	Ministry of Defence's Lr. No. 11015/2/2012/D (Lands) dt. 11.3.2015 regarding transfer of defence land.
23	317(1)(vi)	3.23	Ministry of Defence's Lr. No. 11015/2/2012/D (Lands) dt. 02.02.2016 regarding transfer of defence land.

## CHAPTER 4 – DRAWING APPROVALS

SN	Para No	Ref. document details	
1	403	4.01	Approval of Engineering Drgs. – Rly. Bd. Lr. No. 2017/CE-1/CT/13/ Procedure simplification dt. 20.10.2017
2	403	4.02	Advance correction slip No. 36 of IRBM dt. 27.03.2018
3	403	4.03	Advance correction slip No. 38 of IRBM dt. 14.01.2020
4	404 408	4.04	Standard procedure order for ESP, SIP & GAD approval in zonal Rly. 2017/CE-UTC/13/Procedure simplification dt. 22.04.2022
5	405	4.05	Approval of bridge designs and drawings for works being executed by RVNL – Rly Bd. Lr. No. 2021/CE-III/BR/1/Bridge Policy dt. 28.10.2021
6	406	4.06	Rly Bd Lr. No. 2018/Sig/36-SD/1 dt. 26.11.2019, for standard scheme for preparation of SIP.
7	406	4.07	Rly Bd Lr. No. 2020/Sig/Drawings dt. 02.03.2022 regarding guidelines for use of standard layouts of double line sections.
8	406(2)	4.08	IRSEM Drg. No. 8- D2 (Sheets 1 of 4, 2 of 4, 3 of 4, 4 of 4) of control table for double line station for guidance.
9	406(3)	4.09	IRSEM Drg. No. 17- D2 for track circuit bonding diagram for a 4-road station (double line) for guidance.
10	406(4)	4.10	SWRD related details in Operating Manual Chapter station working rules (SWRs) and temporary working order.
11	406(5)	4.11	Interface Circuit and logic Circuit Diagram related details in CHAPTER 4 of Electronic Interlocking notes of IRISSET S-18 regarding installation of electronic interlocking system.
12	406(6)	4.12	IRSEM Drg. No. 21- D5 (Sheet 1 of 2 and 2 of 2) for CONTACT ANALYSIS FORMAT for guidance.
13	406(7)	4.13	IRSEM Drg. No. 8- D3 VDU layout plan for electronic interlocking (EI) for guidance.
14	406(8)	4.14	IRSEM Annexure: 9-A7 Joint Inspection/Handing Over of New Assets.
15	406(9)	4.15	IRSEM Drg. No. 15-D9 (Sheet 1 of 3, 2 of 3 and 3 of 3) i.e. CABLE CORE PLAN for guidance.
16	406(10)	4.16	IRSEM Drg. No. 19-D8 and 19-D9 for location wiring FORMAT for guidance.
17	406(11)	4.17	Relay room floor plan for guidance.
18	406(12)	4.18	Policy guidelines for signalling works by W. Rly, No. SG 216/0 Dt:- 10/11/2022.
19	406(12) (f)	4.19	IRSEM drawings i.e. 21-D1: S&T Building Plan for End Goomties (EI), 21-D2: ASM Room Layout Plan, 21-D3: SM`s Table with Dual VDUs etc. for guidance.
20	406(12) (f)	4.20	Typical Drawing for S&T Service Building (up to 100 routes with single IPS) with Centralized Interlocking System issued vide Railway Board 85 <sup>th</sup> SSC dt. 08.01.2019.

## CHAPTER 5 – TENDER, CONTRACT & CONTRACT MANAGEMENT

SN	Para No	Ref. document details	
1	507(8)	5.01	Railway Board Lr. No. 97/CE. I/CT/42 dt. 04/07/97
2	504(3)(d)(iv)	5.02	CVC Lr. No. 8(1)(h)/98(1) dt. 18/11/98
3	505(3)	5.03	Railway Board Lr. No. 2004/V-1/CVC/1/18 dt. 02/01/06
4	506(17)(a)	5.04	Railway Board Lr. No. 2010/CE-I/CT/11 dt. 11/06/10
5	503(6)	5.05	Railway Board Lr. No. 2012/CE-I/CT/O/5 dt. 09/04/12
6	503(2)(c)(ii)	5.06	Railway Board Lr. no 94/CE-I/CT/4 pt.17 dt. 13/08/12
7	503(1)(g)	5.07	Railway Board Lr. No. 2013/CE-I/CT/O/12/ZT dt. 07/06/13
8	504(4)	5.08	Railway Board Lr. No. 98/W-I/Genl./O/30/Pt-I dt. 03/07/13
9	504(4)	5.09	Railway Board Lr. No. 2012/CE-I/CT/O/10 dt. 26/08/13
10	502(1)(c)	5.10	Railway Board Lr. No. 2010-BC-AP-3.34/08.09 dt. 05/11/13
11	506(9)(b)	5.11	Railway Board Lr. No. 2013/CE-1/CT/O/29/VAR dt. 05/03/14
12	503(8)	5.12	Railway Board Lr. No. 2014/CE-I/WP/5 dt. 05/02/16
13	509(3)(l)	5.13	Railway Board Lr. No. 2016/CE(I)/CT/ARB/3 (NITI Aayog)/Pt. dt. 08/03/17
14	502(1)(a), 504(2), 506(13)	5.14	Railway Board Lr. No. 2017/Trans/01/Policy dt. 08/02/18
15	502(1)(a), 503(6), 503(11), 506(17)(b)	5.15	Relevant abstract of Model SOP 2018
16	504(3)(b)(iii)	5.16	Railway Board Lr. No. 2017/Trans/01/Policy/Pt-S dt. 28/03/18
17	503(11)	5.17	Railway Board Lr. No.2018/Trans. Cell/S&T/NIT Period dt. 26/07/18
18	503(3)(f)	5.18	Railway Board Lr. No.2018/Trans. Cell/ S&T/ Contractual Staff dt. 20/11/18
19	502(3)(d), 503(2)(c)(ii)	5.19	Railway Board Lr. No. 2015/W-I/Genl./CORR.GM/Pt.III dt. 30/11/18
20	502(1)(c), 502(1)(e), 504 (4)	5.20	Railway Board Lr. No.2018/CE-I/CT/36-EPC Contract Policy dt. 30/12/19
21	509(3)(k)	5.21	Railway Board Lr. No. 2016/CE(I)/CT/ARB/3 (NITI Aayog)/Pt. dt. 05/05/20
22	504(3)(a)(iii)	5.22	Railway Board Lr. No. 2017/CE-I/CT/9 dt. 10/09/20
23	503(8)	5.23	Railway Board Lr. No. 2018/Trans Cell/ S&T/Model SOP dt. 21/09/20
24	506(13)	5.24	Railway Board Lr. No. 2018/CE_I/CT/36-EPC Contracts policy/ Pt-1 dt. 09/10/20
25	506	5.25	Railway Board Lr. No. 2018/CE-I/CT/30 dt. 24/06/22
26	502(1)(a)	5.26	Railway Board Lr. No. 2022/F(X)II/PW/3 dt. 20/07/22

SN	Para No	Ref. document details	
27	506	5.27	Railway Board Lr. No. 2018/CE-I/CT/30 dt. 01/08/22
28	506	5.28	Railway Board Lr. No. 2018/CE-I/CT/30 dt. 22/11/22
29	503(3)(f)	5.29	Railway Board Lr. No. 2023/CE-I/CT/1/Policy dt. 15/03/23
30	503(11)	5.30	Abstract of General Terms & Conditions on GeM dt. 02/05/23
31	503(2)(c)	5.31	Railway Board Lr. No. 2023/GatiShakti/Genl./CAO-Conf. dt. 29/05/23
32	511	5.32	Summary of internet link for standard documents for procurements

### CHAPTER 9 – PLANNING OF BRIDGES

SN	Para No	Ref. document details	
1	904(3)(a)	9.01	Railway Board's Lr. No.2021/W I/ Genl. / Gati Shakti dt. 28.10.2022
2	908(4)	9.02	RDSO Lr. No RBF/GIS dt. 11.03.2022
3	913(7)(a) 914(4)(b)	9.03	Railway Board's Lr. No.2014/CE-III/BR/ Bridge Policy dt. 21.04.2015
4	913(8) 914(7)(a)	9.04	Railway Board's Lr. No.2017/29/CEIII/BR/ Br. 588/ECor dt. 03.08.2017
5	915(7)(a)	9.05	RDSO Lr. No. CBS/DWF dt. 15.07.2019
6	916(1)(a)	9.06	Railway Board Lr. No.2015/CE-III/BR/Structure Code dt. 19.01.2022
7	916(1)(d)	9.07	Railway Board's Lr. No. 2005/CE-I/BR-11/8 dt. 28.05.2009
8	916(2)	9.08	Railway Board No. 2013/CE-III/BR/RDSO/Misc. dt. 11.08.2014
9	919(2)	9.09	RDSO Lr. No. CBS/DPA dt-09.07.2020
10	920	9.10	Railway Board's Lr. No. 2014/CEIII/BR/Bridge Policy dt. 09.10.2014
11	922(7)	9.11	Railway Board's Lr. No.2013/CE-III/BR/RDSO/Misc. dt. 04.06.2014
12	922(7), 922(8)(a)	9.12	Railway Board's Lr. No 2014/CE- III/BR/Bridge Policy dt. 09.03.2017
13	922(7)	9.13	Railway Board's Lr. No 2014/CE- III/BR/Bridge Policy dt. 11.11.2019
14	922(7)	9.14	Railway Board's Lr. No 2014/CE- III/BR/Bridge Policy dt. 12.02.2020
15	922(7), 922(8)(b)	9.15	Railway Board's Lr. No. 2014/CE-III/BR/Bridge Policy dt. 20.4.23
16	923	9.16	Railway Board's Lr. No. 2021/2/CE-III/BR/1/Bridge Policy dt. 28.10.2021
17	923	9.17	Railway Board's Lr. No. 2021/2/CE-III/BR/1/Bridge Policy dt. 17.05.2021
18	923	9.18	Railway Board's Lr. No. 2021/2/CE-III/BR/1/Bridge Policy dt. 19.07.2021.

## CHAPTER 10 – EXECUTION OF BRIDGE WORKS

SN	Para No	Ref. document details	
1	1036(3)	10.01	Rly Bd's Lr. No.2014/CE-III/BR/Bridge Policy dt. 15.11.2016
2	1059(4)	10.02	RDSO Lr. No CBS/DWF dt. 15.07.2019
3	1092 (3)(c)	10.03	Railway Board's Lr. No. 2015/CE-IV/RUB/206 dt. 15.02.2016
4	1095 (3)(c)	10.04	RBs Lr. No. 2015/CE-IV/RUB/206 dt. 11.08.2016
5	1092(1)(d)	10.05	RDSO Lr. No. CBS/PBEJ/Reg. dt. 28.02.2023

## CHAPTER 11 – GRADE SEPARATOR

SN	Para No	Ref. document details	
1	1102(1) (vi)	11.01	Railway Board's Lr. No. 2017/CE-IV/RUB/88 dt. 22.04.2020.
2	1102(1) (vi)	11.02	Railway Board's Lr. No. 2017/CE-IV/RUB/88 dt. 27.01.2022.
3	1102(1) (vi)	11.03	Railway Board's Lr. No. 2017/CE-IV/RUB/88 dt. 18.02.2021
4	1104(1)	11.04	Railway Board's Lr. No. 2015/CE-IV/ROB/76 dt. 01-03-2016 and No. 2015/CE-IV/ROB-RUB/Misc. dt. 15-02-23
5	1104(1)	11.05	Railway Board's Lr. No 2015/CE/IV/ROB-RUB/ Misc. /49 dt. 29.10.2019
6	1104(1)(d)	11.06	Railway Board's Lr. No. 2015/CE-IV/ROB/78 Pt. dt. 15.01.2020
7	1104(1)(e)	11.07	Railway Board's Lr. No. 2017/CE-IV/ROB/164 (policy) dt. 16- 02-2021
8	1105	11.08	Railway Board's Lr. No. 2017/CE-IV/88 dt. 23-02-2023
9	1106(2) (xviii)	11.09	Railway Board's Lr. No. 2015/CE-IV/RUB/206 dt. 15.02.2016
10	1106(2) (xviii)	11.10	Railway Board's Lr. No. 2015/CE-IV/RUB/206 dt. 11.08.2016
11	1104	11.11	BS 112- RDSO guidelines for planning of ROB
12	1104	11.12	BS132- Compendium for Road Over Bridges on Indian Railways
13	1106(3) (a)(iii)	11.13	Railway Board's Lr. No. 2017/CE-III/BR/Safety dt. 27-09-2022

## CHAPTER 12 – STEEL GIRDER FABRICATION

SN	Para No	Ref. document details	
1	1201(2)	12.01	Railway Board Lr. No. 2014/CE-III/BR/Bridge Workshops Policy dt. 24.02.2014
2	1201(3)	12.02	BS-S-7.5.3.1-4 'Schedule of Technical Requirements for fabrication of steel girder' dt. 12-07-2022.
3	1201(4), 1202(4), 1204(1)(a)	12.03	Railway Board Instruction No. 24/2019 vide RB No. 2016/54/CE- III/BR/RDSO Misc. dt. 15.07.2019
4	1201(5)	12.04	Railway Board Lr. no 2016/54/CE-III/ BR/ RDSO /Misc. dt. 09.05.2019
5	1202(4), 1204(1)(a)	12.05	Railway Board Lr. No. 2017/16/CE-III/BR/Girder inspection dt. 26.05.2017
6	1202(4)	12.06	RDSO Lr. No. CBS/INSP/WBG dt. 13-08-2018
7	1202(4)	12.07	Railway Board Lr. 2017/1 6/CE-III/BR/Girder Inspection dt. 17- 11-2022
8	1204(1) (b)&(c) 1205(2)(e)	12.08	RDSO Lr. No. CBS/Bridge Insp/Genl Matters dt. 01.03.2023
9	1214(4)(d)	12.09	RDSO Lr. No. CBS/Bridge Insp/Genl Matters dt. 8.06.2023
10	1214(5)(a)	12.10	Rly Bd Lr. 2017/16/CE-III/BR/Girder Inspection dt. 25.05.2017
11	1214(5) (c(ii))	12.11	RDSO Lr. No. CBS/Bridge Insp/Genl Matters dt. 19.06.2023
12	1218	12.12	RDSO Lr. No. CBS/INSP/WBG dt. 10.04.2015

## CHAPTER 13 – TUNNELS

SN	Para No	Ref. document details	
1	1304 (8)	13.01	RDSO Lr. No. EBS/CB-1/BLT/Committee dt. 17.10.2023 on "Technical Eligibility Criteria and Special conditions of Contract for BLT.
2	1304(1) (D)	13.02	Diagram No. 1A of Indian Railway Schedule of Dimensions (IRSOD)-2022, Standard Dimensions for Tunnels & Through Girder Bridges (Schedule-I, Chapter-I)
3	1304(1) (D)	13.03	Diagram No. 1A (Modified) of Indian Railway Schedule of Dimensions (IRSOD)-2022, Standard Dimensions for Tunnels & Through Girder Bridges to suit 25 K.V. A.C. Traction (Schedule-I, Chapter-I)



**CHAPTER 14 – BUILDINGS AND PASSENGER AMENITIES**

<b>SN</b>	<b>Para No</b>	<b>Ref. document details</b>	
1	1403(2)	14.01	Development of Railway Land by Zonal Railways/RLDA/IRSDC under section 11 of the Railway Act 1989 – Including Railways/RLDA/IRSDC as deemed special planning Authority for development on Railway land in local By-laws/Development Control Norms under Railway Act 1989 issued vide Lr. No. 2019/LML-II/2/11(133) dt. 30.01.2020 (including Lr. dt. 13.11.2019, 01.05.2017 & 17.10.2018)
2	1403(2)	14.02	Clarification on exemption of Railway Projects from the requirement of Environmental Clearance (EC) and Coastal Regulation Zone (CRZ) Clearance as per section 11 of Railways Act 1989 – regarding. Issued on 06.10.2023
3	1403(2)	14.03	Commercial development of Railway land in and around Railway Stations – prior environmental clearance under the provisions of EIA Notification, 2006-reg issued vide Lr. No. F. No. 19-172/2018-IAIII dt. 28.05.2020
4	1405(1)(c)	14.04	Adoption of Energy Efficiency Measures in Non-Traction over Indian Railways issued vide Railway Board Lr. No. 2022/EEM/150/09 dt. 30.12.2022
5	1405(2)(a)	14.05	Rain Water harvesting - Railway Board's Lr. No. 2013 /LMB /9 /1 dt. 09.09.2013
6	1405(2)(b)	14.06	Indian Railway's Water policy -2017
7	1407(1)	14.07	Amenities to be provided in residential building. Rly. Board Lr. No. 2013/LMB/10/15 dt. 11.12.2013
8	1409	14.08	Comprehensive instruction for provision of Passenger Amenities and user facilities at Stations issued vide Lr. No. 2018/LM (PA)/03/06 dt. 09.04.2018
9	1409	14.09	Comprehensive instruction for provision of Passenger Amenities and user facilities at Stations issued vide Lr. No. 2018/LM (PA)/03/06 dt. 14.02.2022
10	1414(4)	14.10	Signage policy for Railway Stations issued vide Lr. No. 2023/S- II/22/07/02 dt. 15.05.2023
11	1415	14.11	Guidelines on accessibility of Indian Railway stations and facilities at stations for differently abled persons (Divyangjan) and passengers with reduced mobility issued vide Railway Board Lr. No. 2019/Stn. Dev-13/06/Policy/PwDs dt. 25.11.2022
12	1418	14.12	Comprehensive instruction for umbrella work of Major Upgradation of Railway Stations on Indian Railways issued vide Lr. No. 2021/Stn. Dev.-I/08/18 dt. 04.05.2022
13	1418	14.13	Format of DPR for Station Development /re-development/major Upgradation projects issued vide Lr. No. 2021/SD-II/22/07/11 dt. 19.08.2022

SN	Para No	Ref. document details	
14	1418	14.14	Provision of ballastless track at major/important stations and stations identified under Major Upgradation / Redevelopment issued vide Lr. No. 2021/CE-II/TSC/10th Extraordinary dt. 29.09.2022
15	1418	14.15	Execution of Station Development works issued vide Lr. No. 2021/ Stn. Dev.-I/08/18 dt. 03.10.2022
16	1418	14.16	Upgradation of Railway Stations on Indian Railways – Design, inspection and audit of the projects reg: issued vide Lr. No. 2021/ Stn. Dev.-I/08/18 dt. 19.10.2022
17	1418	14.17	Amrit Bharat Station Scheme for Indian Railways issued vide Lr. No. 2022/GS/Stn. Dev.-I/08/70 dt. 23.12.2022
18	1418	14.18	Amrit Bharat Station Scheme for Indian Railways issued vide Lr. No. 2022/GS/Stn. Dev.-I/08/70 dt. 31.01.2023
19	1418	14.19	Amrit Bharat Station Scheme for Indian Railways issued vide Lr. No. 2022/GS/Stn. Dev.-I/08/70 dt. 17.02.2023
20	1418	14.20	Amrit Bharat Station Scheme for Indian Railways: Provision of Central Foot Over Bridges (FOBs) issued vide Lr. No. 2022/GS/Stn. Dev.-I/08/70 dt. 19.04.2023
21	1418	14.21	Presentation for Master Plans of Station development works issued vide Lr. No. 2022/GS/Stn. Dev.-I/08/70 dt. 29.04.2023
22	1418	14.22	Commercial development of Station Estate-reg. issued vide Lr. No. 2023/LML-II/2/8 dt. 15.05.2023
23	1418	14.23	Signage Guidelines for Railway Stations issued vide Lr. No. 2023/SD- II/22/07/02 dt. 15.05.2023
24	1418	14.24	General Guidelines for OHE design in concourse area for station development projects issued vide Lr. No. RDSO/759/2022 dt. 12.06.2023
25	1418	14.25	Execution of Amrit Bharat Station Development Scheme works: Role of Chief Engineer/Station issued vide Lr. No. 2022/GS/Stn. Dev.-I/08/70 dt. 19.07.2023
26	1418	14.26	Preparation of Master Plans of Station Development Works issued vide Lr. No. 2022/GS/Stn. Dev.-I/08/70 dt. 25.08.2023
27	1418	14.27	Pradhan Mantri Bharatiya Janaaushadhi Kendras (PMBJKs) at Railway Stations – policy regarding issued vide Lr. No. 2023/NFR/33/JAK E-office No. 3423850 dt. 08.08.2023

## CHAPTER 15 – TRACK LAYING AND ALLIED WORKS

SN	Para No	Ref. document details	
1	1502	15.01	Railway Board Lr. No. 2019/W-1/Genl/P. Way/ 2019-20 dt. 12.06.2019
2	1506	15.02	RDSO Lr. No. CT/PTX/TWS/Design dt. 06.07.2023 with subject 'Laying of Thick Web Switches on Curved Track -Instructions regarding Pre-curving.'
3	1510	15.03	Railway Board Lr. No. Track/21/2005/0110/AT Welding dt. 16.08.2019
4	1511	15.04	Specification No. TM/HM/MFBWP/458 of 2019 named as "Technical Specifications of Mobile Flash Butt Welding of machine with ability of Tension welding of Rails for BG (1676mm)
5	1512	15.05	ACS No.1 to Manual for Insulated Rail Joints (First Reprint – 2022) issued on 15.09.2023)

## CHAPTER 16 – SIGNALLING WORK

SN	Para No	Ref. document details	
1	1603 (1)	16.01	Railway Board Lr. No. 2022/GS/IR/Cable laying policy dt. 29.03.2023: guidelines for S&T cable laying in ducts.
2	1603(2)(a)	16.02	RB's Lr. No. 2003/Tele/RCIL/1 Pt IX dt. 24.6.13, procedure for undertaking digging work.
3	1604	16.03	Railway Board Lr. No. 2021/SIG/WP/Targets, dt. 15.07.2022: Automatic Signaling Works on Indian Railways.
4	1605(1)	16.04	Provision of EI should be made in all works, Railway Board's Lr. No. 2003//Sig/G/5 dt. 28.04.2016
5	1605(1)	16.05	Centralized/Distributed EI, Lr. No. 2021/Sig/25-Conf/5/SSC dt. 26.02.21
6	1605(1)	16.06	Estimates may be revised for provision of EI without causing material modification as per Railway Board Lr. No. 2008/SIG/SGF/4EI/Genl dt. 05.07.2011
7	1605(2)	16.07	Implementation of standard circuit for future EI up to 100 routes, Railway Board vide Lr. No. 2018/Sig/36-SD-1 dt. 26.08.2022
8	1605(5)(a)	16.08	RDSO/SPN/192/2019 Ver 2.0 or latest
9	1605(5)(b)	16.09	RDSO/SPN/203/2011 Ver 1.0 or latest (Only applicable for Big yards)
10	1605 (6)	16.10	Centralized and Distributed Architecture of Electronic Interlocking, RDSO Document No. STS/E/TAN/3008 Ver 1.0 dt. 31.03.2013 or latest.
11	1605 (6)	16.11	Cyber Security aspects of Electronic Interlocking system. RDSO Ref no EI/TAN/SecurityVersion1.0 dt. 01.03.2023o or latest.

SN	Para No	Ref. document details	
12	1605 (6)	16.12	Technical Advisory Note (TAN) No. STS/E/TAN/3012 version 3.0 for Guidelines regarding Technical System Application Approval for Electronic Interlocking Installation RDSO Ref no STS/E/TAN/301 Ver3.0 Dt 28.06.2021 or latest.
13	1605 (6)	16.13	Correction in Technical Advisory Note No. 3012 version 3.0 RDSO- SIG0EI(GEN)/1/2020 Dt 11.07.2022
14	1605 (6)	16.14	Corrigendum of Technical Advisory Note No. 3012 Version RDSO- SIG0EI (GEN)/1/2020 Dt 03-11-2022
15	1605 (6)	16.15	Guidelines for implementation of block working built in to electronic interlocking (with same manufacturer) RDSO Ref no TN/3013 Version1.0 Dt 28.10.2020 or latest.
16	1605 (6)	16.16	Guidelines for implementation of block working built in to electronic interlocking (with same manufacturer) for single line. RDSO Ref no TN/3014 Version1.0 Dt 24.06.2021 or latest.
17	1605 (6)	16.17	Use of Embedded PC and Earthing for Electronic Interlocking (EI) RDSO Ref no STS/E/TAN/3007 Ver 1.0 Dt 02.11.2012 or latest.
18	1605 (6)	16.18	Revised Checklist for Technical System Application Approval of Electronic Interlocking. RDSO Ref no STS/L/SSI/general/160 Dt 07.12.2018 or latest.
19	1605 (6)	16.19	Procedure for FAT/SAT of Electronic Interlocking No 2017/Sig/3/85th SSC Dt 04.12.2018
20	1605 (6)	16.20	EI check list as per No. STS/L/SSI Dt 09.05.2012 or latest.
21	1605 (6)	16.21	Modification/Alteration in Electronic Interlocking (Manufactured by M/s Ansaldo make) RDSO Ref no STS/E/TAN/3009 Ver 1.0 Dt 09.06.2014 or latest.
22	1605 (6)	16.22	Guideline regarding minor modifications/alterations in the application software of Medha Electronic interlocking (MEI) RDSO Ref no STS/E/TAN/3010 Ver 1.0 Dt 05.08.2014 or latest.
23	1605 (6)	16.23	Guidelines regarding minor modifications/alteration in the application logic of VLM6 Electronic Interlocking (EI) of M/s Siemens Rail Automation Pvt. Ltd. RDSO Ref no STS/E/TAN/3011 Ver 1.0 Dt 14.08.2014 or latest.
24	1605 (6)	16.24	Use of hot stand by architecture for Electronic interlocking RDSO Ref no STS/E/TAN/3004 Ver 1.0 Dt 13.06.2012 or latest.
25	1605 (6)	16.25	Report for standardization of Typical Circuits for EI- (Report SS 155 2019 VER 2 Dt 29-03-2022) WCR/N HQ/ 110/ Rly. Bd's Corresp./Sig- 25 Pt-VIII Dt 29.03.2022 or latest.
26	1605(9)	16.26	Technical System Application Approval for EI works as instructed vide Railway Board Lr. No 2012/Sig/ATSS/Pt dt. 28.02.2023 or latest.

SN	Para No	Ref. document details	
27	1609	16.27	Automatic fire suppression system along with Automatic fire detection & alarm system as per Railway Board's Lr. No. 2004/ Sig/W/5 dt. 27.05.2019 or latest.
28	1611	16.28	Planning, Preparation & Execution of Works, Railway Board Lr. No. 2012/SIG/SF/2 (Policy) dt. 14.09.2018 & 30.12.2016.
29	1613(B) 12 (d)	16.29	Earthing & Lightning Protection arrangement shall be provided for the IPS power supply system. RB Lr. No.2011/Sig/SF/1 dt. 19.08.2011 or latest.
30	1613(C) 3 (a)	16.30	Safe and Reliable Train Detection- Redundancy in Design Railway Board Lr. No. 2012/Sig/M/DAC/DD, Dt. 31.12.2013.
31	1614	16.31	Streamlining Signalling functions Description Writing 2023/Sig/17-Sig Equip/Maintenance/Part dt. 06-11-2023
32	1611 a(i)	16.32	Standard Checklist and Proforma issued vide Railway Board Lr. No. 2021/SIG/Estimates/DPR dt. 22-06-2023
33	1611 a(ii)	16.33	Test of renumerativeness for S&T projects – Railway Board Lr. No. 2023/F(X) II / 10/2 dt. 22-06-2023
34	1611 a(iii)	16.34	Guidelines for provision of Automatic Signalling and Twin Single line working – Railway Board Lr. No. 2023/ABSCOMMITTEE / Railway Board dt. 16-11-2023

#### CHAPTER 17 – ELECTRICAL AND TRACTION DISTRIBUTION WORK

SN	Para No	Ref. document details	
1	1704(2) (C) (ii)	17.01	Target for TRD& Electrical Gel. Services [Railway Board Lr. No. 2021/EEM/180/5 Part (1) dt. 18-04-2023]
2	1705(9)	17.02	Special maintenance instructions (SMI) for overhead equipment on turnout/crossovers to avoid panto entanglement - Instruction Note /MI/0028 Rev.-2

#### CHAPTER 18 – Pre-NI AND NI WORKS AND COMMISSIONING FOR RAILWAY PROJECTS

SN	Para No	Ref. document details	
1	1803(3)	18.01	Rolling Block Plan - JPO issued vide Rly. Bd. Lr. No. 2020/track-III/TK/2 dt. 29.08.2023
2	1804	18.02	Railway Board Lr. regarding 30 Kmph speed of trains during NI working
3	1808	18.03	Checklist for CRS inspection
4	1808	18.04	Checklist for PCEE inspection
5	1811	18.05	Procedure Order for Handing/Taking over of New Assets

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