

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD

No. 2021/EEM/148/3/ACTM

New Delhi, Dated: 19.12.2022

The General Manager

All Indian Railways including Metro Railway/Kolkata, CORE/Prayagraj, ICF/Chennai, CLW/Chittaranjan, RCF/Kapurthala, MCF/Raebareli, DLW/Varanasi, RWF/Bangalore

The Chief Administrative Officers,
DMW/Patiala, RWP/Bela

Director General,
RDSO/ Lucknow and NAIR, Vadodara.

Chief Commissioner of Railway Safety, Lucknow.

CRS/ Northern Circle/ Central Circle/ Eastern Circle/ Southern Circle/ South Central Circle/ South Eastern Circle/ Western Circle.

Commissioner of Metro Railway Safety/Delhi

Director General/Director,
IRIEEN, Nasik and Indian Railway Centre for Advance Maintenance Technology, Gwalior

Chairman & Managing Director,
RVNL, DFCCIL, MRVC, IRCON, RITES, PGCIL, New Delhi.

Sub: Advance Correction Slip No. 34 to Railway Manual of AC traction (ACTM) Vol. II Part II Appendix-I Para No. 18.11, ACTM Volume-II, Part-II, Fig. A1.10 & ACTM Vol. II Part-I, Chapter-VII, para 20703-Sub Para 4(i) with regard to distance between OHE structures and signal post.

Please find enclosed herewith the Advance Correction slip No. 34 (Modification/Revisions) in Para of Railways Manual of AC Traction (ACTM) Vol. II Part II Appendix-I Para No. 18.11, ACTM Volume-II, Part-II, Fig. A1.10 & ACTM Vol. II Part-I, Chapter-VII, para 20703-Sub Para 4(i) with regard to distance between OHE structures and signal post for your information and necessary action.

These issues with the approval of Board (Member/T&RS)



19.12.22
(Nisha Manohar Patil)

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Copy to : PPS to M/TRS, PPS to M/Infra, PPS to MST, PPS to AM/RE, PPS to AM/Traction, PPS to AM/CE, PPS to AM/Signal, PED/Safety, PED/Vig, PEDEE(RS), ED(GS)/Elect, PEDEE(Dev.), EDEE/G, EDCE(G), DEE(RS), DEE(G), Director (GS)/Electrical, Director(Safety), PCEE/All Zonal Railways & PUs, CAO/CORE/ALD, PED/TI/RDSO, RB(Library).

ACTM Correction slip no. 34 dated 19.12.2022

SN	ACTM Para No.	Existing Details	Modified Para
1.	ACTM Volume-II, Part-II, Appendix-1, Para 18.11	No masts shall be located beyond a signal post at a distance less than 10 m. In case the OHE mast is located in the front of the signal the distance between the OHE mast and signal post should not be less than 30 m (Ref. Fig. A1.10)	(a) The distance between the signal post and traction mast shall be as large as possible. In case the traction mast is located in front of signal post, the distance between the traction mast and signal post should not be less than 30 meters. In addition, it should be ensured that no mast shall be located beyond a signal post at a distance less than 10 meters. Layout plan (LOP) showing placement of traction mast and signal shall be approved by PCSTE (or his authorised representative) with concerned Electrical officer. (b) In case, minimum distance stipulated in para (a) above cannot be adhered due to field constraint, PCSTE and PCEE (jointly) are empowered to give dispensation for further reduction in the distance, keeping in view the visibility of signal and safety aspects (Ref. A.1.10).
2.	ACTM Volume-II, Part-II, Fig. A1.10		<p>X= Preferably 30m (min) & Y = preferably 10m (min).</p> <p>Reduction in distance X and Y with dispensation of PCSTE and PCEE both jointly after ensuring visibility of signal and safety aspects.</p>
3.	ACTM Volume- II, Part I, Chapter-VII, Para 20703 Sub-Para 4 (i)	<u>Location of signals</u> i) The distance between the signal post and the traction mast shall be as large as possible. In case the traction mast is located in front of the signal post the distance between the traction mast and signal post should not be less than 30m. No traction mast shall be located beyond the signal post at a distance less than 10m.	(a) The distance between the signal post and traction mast shall be as large as possible. In case the traction mast is located in front of signal post, the distance between the traction mast and signal post should not be less than 30 meters. In addition, it should be ensured that no mast shall be located beyond a signal post at a distance less than 10 meters. Layout plan (LOP) showing placement of traction mast and signal shall be approved by PCSTE (or his authorised representative) with concerned Electrical officer. (b) In case, minimum distance stipulated in para (a) above cannot be adhered due to field constraint, PCSTE and PCEE (jointly) are empowered to give dispensation for further reduction in the distance, keeping in view the visibility of signal and safety aspects (Ref. A.1.10).

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