(GOVERNMENT OF INDIA)
(MINISTRY OF RAILWAYS)
(RAILWAY BOARD)

No. 2013/RE/161/22 FTS-82011

New Delhi, Dt. 28.12.2015

The General Manager (Elec.)
All Indian Railways including Metro Railway/Kolkata, CORE/Allahabad, ICF, Chennai, CLW, Chittaranjan, RCF Kapurthala.

The Chief Administrative Officers,
Metro Railway at Delhi, Mumbai, Chennai, Bangalore.

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

Principal, Railway Staff College, Vadodara
The Director General, (TI/Electrical Standards/PS & EMU), RDSO/ Lucknow
Chief Commissioner of Railway Safety, Lucknow,
CRS/Northern Circle/Central Circle/ Eastern Circle/ Southern Circle/
South Central Circle/ South Eastern Circle/Western Circle.

MD, RVNL, August Kranti Bhawan, Bhikaji Cama Place, New Delhi.
MD, DFCCIL, 5th floor, Paragati Maidan, Metro Station Bldg, New Delhi.
MD, MRVC, 2nd floor Churchgate Station Bldg, Mumbai.
MD/IRCON international Ltd C-4 District Centre, Saket, New Delhi.

II, Appendix-I. Inclusion Para-33 (For DC-AC conversion). (New addition of Para-33)

Enclosed please find herewith Advance Correction Slip No. 28, modifying Paragraph-33 (e) of Advance correction Slip No. 25 to ACTM, Vol.II, Part II Appendix-I, issued vide Board’s letter of even no. dated 20.10.2014.

Executive Director/Railway Electrification (Projects)
Railway Board.

Copy to: Sr. PPS to ML, PPS to AML, Adv.(L)/G, Adv(RE), Adv(Safety), Adv.(V), Adv.(Signal), EDEE(L/RS), EDRE(S&T), EDEE(M), EDEE(Dev.), EDCG, DRE, DEE(RS), DEE(G), CEE/CR, CEE/WR, Sr. EDTI/RDSO, Director(Safety), JD(MTP)*RB(Library), CEE/CRE/ALD, ED(Electrical)/RVNL.
Para 33(e):

Design deviations permissible for 1500 volt DC OHE converted to 25 KV AC OHE in Mumbai and Pune divisions of Central Railway and Mumbai division of Western Railway:

<table>
<thead>
<tr>
<th>Existing Para 33 (e), of Advance Correction Slip no. 25 contact wire gradient</th>
<th>Modified Para 33 (e): contact wire gradient</th>
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</thead>
<tbody>
<tr>
<td>The contact wire gradient in 25 KV AC OHE is to be maintained as per Para 7.4 in DC to AC converted OHE, this gradient and relative gradients may not be maintained, on account of constraint of vertical clearances.</td>
<td>The contact wire gradient in 25 KV AC OHE is to be maintained as per Para 7.4 of ACTM Vol. II, Part. II, Appendix-I. For 1500 V DC OHE converted to 25 KV AC OHE, the gradient and relative gradient may be maintained as 10 mm/m and 5 mm/m respectively.</td>
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Executive Director/Railway Electrification (Projects) Railway Board.

(N.R.Dash) 28.12.2015