



भारत सरकार - रेल मंत्रालय
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Government of India-Ministry of Railways
Research Designs & Standards Organisation
Lucknow - 226 011
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No. MC/AC EMU/Indigenous 3-phase/Medha

Date: 02.11.2016

महाप्रबन्धक (इंजीनियरिंग),

1. मध्य रेलवे, छत्रपति शिवाजी टर्मिनस मुम्बई - 400 001
2. पश्चिम रेलवे, चर्च गेट, मुम्बई - 400 020

Sub: Amendment no. 1 of final speed certificate no. MC/AC EMU/Indigenous 3-phase/Medha, dated 11.04.2016 for operation of 12 Car formation BG AC EMU rakes fitted with indigenous 3-phase propulsion system of M/s Medha Servo Drives and having pneumatic suspension in secondary stage manufactured by ICF/Chennai, up to a maximum operational speed of 105 kmph on track maintained to other than C&M-I Vol-I standards.

Ref: (i) RDSO's speed certificate no. MC/AC EMU/Indigenous 3-phase/Medha dated 11.04.2016.

(ii) Railway Board's letter no. 2016/CEDO/SD/RS/01 dated 05.10.2016.

Vide letter at reference (i) above, a final speed certificate no. MC/AC EMU/Indigenous 3-phase/Medha dated 11.04.2016 for operation of 12 Car formation BG AC EMU rakes fitted with indigenous 3-phase propulsion system of M/s Medha Servo Drives and having pneumatic suspension in secondary stage manufactured by ICF/Chennai, up to a maximum operational speed of 105 kmph on track maintained to other than C&M-I Vol-I standards has been issued.

Vide letters referred at (ii) above, Railway Board has given sanction for condonation of infringements of AC EMU coaches fitted with indigenous 3-phase propulsion system (M/s Medha Servo Drives) to IRSDO (BG)-Revised, 2004.

Accordingly, Para 2.6.2 of the said speed certificate has been reviewed and modified and shall be read as under:

"2.6.2 The profile of AC EMU coaches fitted with indigenous 3-phase propulsion system (M/s Medha Servo Drives) infringes clause nos. 10, 14, 24, 25, 26 & 29 of Chapter-IV(A) of IRSOD (BG), Revised-2004. Railway Board has condoned these infringements vide letter no. 2016/CEDO/SD/RS/01 dated 05.10.2016 with comments as under:

- (i) Platform height should not be kept more than the range of 895mm - 905mm on straight tracks and 780mm - 880mm on curved track including construction tolerances."

संलग्नक:- Railway Board letter no. 2016/CEDO/SD/RS/01
dated 05.10.2016.

(सी. मधुसूदन राव)

कार्यकारी निदेशक मानक /चालन शक्ति

प्रतिलिपि:-

1. सचिव (यांत्रिक/इंजीनियरिंग (जी.)), रेलवे बोर्ड, रेल भवन, नई दिल्ली - 110001
2. मुख्य रेल संरक्षा आयुक्त, अशोक मार्ग, लखनऊ-226001
3. महाप्रबन्धक (यांत्रिक/संचालन/संकेत एवं दूरसंचार/विद्युत)
 - a) मध्य रेलवे, छत्रपति शिवाजी टर्मिनस मुम्बई - 400 001
 - b) पश्चिम रेलवे, चर्च गेट, मुम्बई - 400020

संलग्नक:- Railway Board letter no. 2016/CEDO/SD/RS/01
dated 05.10.2016.

(सी. मधुसूदन राव)

कार्यकारी निदेशक मानक /चालन शक्ति



भारत सरकार Government Of India
रेल मंत्रालय Ministry Of Railways
(रेलवे बोर्ड) (Railway Board)

सं. 2016/CEDO/SD/RS/01

New Delhi, Dated 05.10.2016

The Director General,
Manak Nagar, RDSO,
Lucknow.

विषय : Condonation of infringements to IRSOD (BG)- Revised, 2004 of AC EMU Coaches with Indigenous 3 phase propulsion system (M/s Medha Servo Drives)

संदर्भ : RDSO's letter nos :

(i) CT/DEL/AC/EMU/BG, dated 11.09.2015 & 03.11.2015.

(ii) MC/AC EMU/Indigenous 3 -phase/Medha, dated 15.12.2015 & 08.03.2016

With reference to your applications dated 11.09.2016 & 03.11.2015 (applied initially through CCRS, but Commission returned the proposal to RDSO with remarked that Commission cannot forward the subject case to the Railway Board) referred above and further clarifications received under reference (ii) above, the sanction of Ministry of Railways, Railway Board is hereby communicated for condonation of infringements to IRSOD (BG)- Revised, 2004 of AC EMU Coaches with Indigenous 3 phase propulsion system (M/s Medha Servo Drives) to IRSOD (BG) Revised, 2004. The design of these coaches infringes Clause no. 10, 14, 24, 25, 26 & 29 of Chapter-IV(A) of B.G. Schedule of Dimensions, Revised 2004 as shown in Annexure-A, I & II and other details enclosed with your above mentioned letters, with Board's comments as under :

"(i) Platform height should not be kept more than the range of 895mm – 905mm on straight tracks and 780mm – 880mm on curved track including construction tolerances."


5/10/16

(अनिल कुमार दूबे)

कार्यकारी निदेशक/सिविल इंजीनियरिंग(जी)/रेलवे बोर्ड

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e-mail address : edceg@rb.railnet.gov.in

सं. 2014/CEDO/SD/RS/02

New Delhi, Dated 05.10.2016

Copy forwarded for information to :

1. The Chief Commissioner of Railway Safety, Compound of DRM/NER, Ashok Marg, Lucknow-226001 w.r.t. his endorsement no. Q.14011/01/2015-16-T.W, dated 05.10.2015 & 19.11.2015.
2. General Manager, All Indian Railways.
3. Commissioner of Railway Safety, All Circles.
4. Executive Directors - Track-1 & (Standards)/Carriage, RDSO, Lucknow.
5. Adv./Elect(G) and EDME/Coaching, Railway Board, New Delhi.


5/10/16

(अनिल कुमार दूबे)

कृते सचिव, रेलवे बोर्ड