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91-0522-2450679
तार : रेलमनक, लखनऊ
Telegram : 'RAILMANAK',
Lucknow
रेलफोन/ Tele : 2451200 (PBX)
2450115 (DID)



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226 011
Government of India - Ministry of Railways
Research Designs & Standards Organisation
Lucknow - 226 011

No. MC/LHB/COACH

Dated: 18.11.2014

महाप्रबन्धक (इंजीनियरिंग),

1. मध्य रेलवे, छत्रपति शिवाजी टर्मिनस मुम्बई - 400 001
2. पूर्व रेलवे, फेयरली प्लेस, कोलकाता - 700 001
3. उत्तर रेलवे, बडौदा हाऊस, नई दिल्ली - 1100 01
4. पूर्वोत्तर रेलवे, गोरखपुर - 27 3001
5. पूर्वोत्तर फन्टियर रेलवे, मालीगोव गुवाहाटी- 781 011
6. दक्षिण रेलवे, एनेक्सी, पार्क टाऊन, चेन्नई - 600 003
7. दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद - 500 071
8. दक्षिण पूर्व रेलवे, गार्डन रीच, कोलकाता - 700 043
9. पश्चिम रेलवे, चर्च गेट, मुम्बई - 400020
10. उत्तर मध्य रेलवे, इलाहाबाद - 211 001
11. उत्तर पश्चिम रेलवे, जयपुर - 302 006
12. पूर्व मध्य रेलवे, हाजीपुर - 844 101
13. पूर्व कोस्ट रेलवे, रेलवे कॉम्प्लेक्स, भुवनेश्वर - 751 023
14. दक्षिण पश्चिम रेलवे, हुबली - 580 023
15. पश्चिम मध्य रेलवे, जबलपुर - 482 001
16. दक्षिण पूर्व मध्य रेलवे, बिलासपुर - 495 004

Sub: Amendment no.01 to speed certificate for operation of BG EOG type LHB AC chair car fitted with FIAT bogies upto maximum speed of 105 kmph.

Ref: Amendment no.01 dated 18.11.2014 of speed certificate no. MC/LHB/COACH, dated 14.3.2001

Kindly find enclosed herewith a copy of RDSO's above referred Amendment no.01 dated 18.11.2014 of speed certificate no. MC/LHB/COACH, dated 14.3.2001 alongwith all the enclosures. Copies of the letters endorsed to Mechanical, Electrical and Operating Branches and S&T of your Railways are also being enclosed herewith and same may please be forwarded to the respective Branches.

DA: As Above

(A. K. Dikshit)
JD/Carriage

प्रतिलिपि:

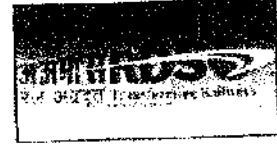
1. सचिव (यांत्रिक/इलेक्ट्रिकल/इंजीनियरिंग-जी), रेलवे बोर्ड, रेल भवन, नई दिल्ली-110 001.
2. मुख्य रेल संरक्षा आयुक्त, मण्डल रेल प्रबन्धक कार्यालय, पूर्वोत्तर रेलवे परिसर, अशोक मार्ग
लखनऊ-226 001
3. मैनेजिंग डायरेक्टर, कोंकण रेलवे कार्पोरेशन लिमिटेड, बेलापुर, नवी मुम्बई - 400614
4. ED/MP RDSO Lucknow-226011

(A. K. Dikshit)
JD/Carriage



भारत सरकार - रेल मंत्रालय
अभियंता अभिकल्प और मानक संगठन
लखनऊ - 226 011
EPBX (0522) 2451200
Fax (0522) 2458500

Government of India-Ministry of Railways
Research Designs & Standards Organisation
Lucknow - 226 011
DID (0522) 2450115
DID (0522) 2465310



No. MC/LHB/COACH

Dated: 18.11.2014

महाप्रबन्धक (इंजीनियरिंग),

1. मध्य रेलवे, छत्रपति शिवाजी टर्मिनस मुम्बई - 400 001
2. पूर्व रेलवे, फेयरली प्लेस, कोलकाता - 700 001
3. उत्तर रेलवे, बडौदा हाऊस, नई दिल्ली - 1100 01
4. पूर्वोत्तर रेलवे, गोरखपुर - 27 3001
5. पूर्वोत्तर फ्रन्टियर रेलवे, मालीगँव गुवाहाटी- 781 011
6. दक्षिण रेलवे, एनेक्सी, पार्क टाऊन, चेन्नई - 600 003
7. दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद - 500 071
8. दक्षिण पूर्व रेलवे, गार्डन रीच, कोलकाता - 700 043
9. पश्चिम रेलवे, चर्च गेट, मुम्बई - 400020
10. उत्तर मध्य रेलवे, इलाहाबाद - 211 001
11. उत्तर पश्चिम रेलवे, जयपुर - 302 006
12. पूर्व मध्य रेलवे, हाजीपुर - 844 101
13. पूर्व कोस्ट रेलवे, रेलवे कॉम्प्लेक्स, भुवनेश्वर - 751 023
14. दक्षिण पश्चिम रेलवे, हुबली - 580 023
15. पश्चिम मध्य रेलवे, जबलपुर - 482 001
16. दक्षिण पूर्व मध्य रेलवे, बिलासपुर - 495 004

Sub: Amendment no.01 to speed certificate for operation of BG EOG type LHB AC chair car fitted with FIAT bogies upto maximum speed of 105 kmph.

Ref: i) This office speed certificate no. MC/LHB/COACH dated 14.3.2001
(ii) NR letter no. 519-W/1063 dated 14.11.2014

NR vide its letter referred at (ii) above, has requested to issue an amendment in the final speed certificate for operation of BG EOG type LHB AC chair car fitted with FIAT bogies upto maximum speed of 105 kmph on track maintained to other than C&M-I, Volume-I standard issued on 14.3.2001 duly indicating the transportation code of BG EOG type LHB AC chair car. The proposal has been examined in detail and it has been decided to amend the para "4.2.3" of the said speed certificate and accordingly, the para "4.2.3" has been amended and shall be read as under:

4.2.3 The clearance is subject to the following parameters of BG EOG type LHB AC chair car coaches:

- (i) Executive AC Chair Car Coach (LWFCZAC)

Maximum axle load	: 16.25t
Maximum braking force	: 5.8t
Maximum CG height from rail level	: Not exceeding 1830mm

(ii) Second AC Chair Car Coach (LWSCZAC)

Maximum axle load	: 16.25t
Maximum braking force	: 5.8t
Maximum CG height from rail level	: Not exceeding 1830mm

संलग्नक : NR letter no. 519-W/1063 dated 14.11.2014



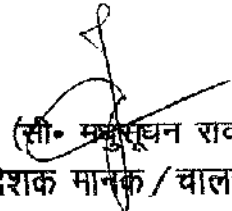
(सी. मधुसूदन राव)

कार्यकारी निदेशक मानक/चालन शक्ति

प्रतिलिपि:

1. सचिव (यांत्रिक/इलेक्ट्रिकल/इंजीनियरिंग-जी), रेलवे बोर्ड, रेल भवन, नई दिल्ली-110 001.
2. मुख्य रेल संरक्षा आयुक्त, मण्डल रेल प्रबन्धक कार्यालय, पूर्वोत्तर रेलवे परिसर, अशोक मार्ग
लखनऊ -226 001
3. महाप्रबन्धक (यांत्रिक, परिचालन, विद्युत, संकेत एवं दूरसंचार),
 - i) मध्य रेलवे, छत्रपति शिवाजी टर्मिनस मुंबई - 400 001
 - ii) पूर्व रेलवे, फेयरली प्लेस, कोलकाता - 700 001
 - iii) उत्तर रेलवे, बडौदा हाऊस, नई दिल्ली - 1100 01
 - iv) पूर्वोत्तर रेलवे, गोरखपुर - 27 3001
 - v) पूर्वोत्तर फ्रन्टियर रेलवे, मालीगौंव गुवाहाटी- 781 011
 - vi) दक्षिण रेलवे, एनेक्सी, पार्क टाऊन, चेन्नई - 600 003
 - vii) दक्षिण मध्य रेलवे, रेल निलायम, सिकन्दराबाद - 500 071
 - viii) दक्षिण पूर्व रेलवे, गार्डन रीच, कोलकाता - 700 043
 - ix) पश्चिम रेलवे, चर्च गेट, मुंबई - 400020
 - x) उत्तर मध्य रेलवे, इलाहाबाद - 211 001
 - xi) उत्तर पश्चिम रेलवे, जयपुर - 302 006
 - xii) पूर्व मध्य रेलवे, हाजीपुर - 844 101
 - xiii) पूर्व कोस्ट रेलवे, रेलवे कॉम्प्लेक्स, मुचनेश्वर - 751 023
 - xiv) दक्षिण पश्चिम रेलवे, हुबली - 580 023
 - xv) पश्चिम मध्य रेलवे, जबलपुर - 482 001
 - xvi) दक्षिण पूर्व मध्य रेलवे, बिलासपुर - 495 004
4. मैनेजिंग डायरेक्टर, कॉकण रेलवे कार्पोरेशन लिमिटेड, बेलापुर, नवी मुंबई - 400614

संलग्नक : NR letter no. 519-W/1063 dated 14.11.2014



(सी. मधुसूदन राव)

कार्यकारी निदेशक मानक/चालन शक्ति

NORTHERN RAILWAY

Headquarters Office,
Baroda House,
New Delhi.

No. 519-W/1063

Executive Director/Carriage,
RDSO,
Manak Nagar,
Lucknow- 226001.

Dated 14.11.2014

shri Subhoj
D/CO - Must urgent
- Far map 15
- kindly get the
speed certificate
amended accordingly
- Must urgent.

15-11-14
EDSO

Sub: - Operation of new train no. 12049/12050 "GATIMAN EXPRESS" hauled by single WAP5 class of locomotive comprising maximum 12 numbers of LHB AC (EOG) coaches (LWFCZAC-02, LWSCZAC-8) including two Generator Vans (LWLRRM) on New Delhi-Palwal (Incl.) (UP & DN) lines of NDLS-AGC section of N. Rly. up to a maximum speed of 160 km/h.

Ref: - RDSO's Speed Certificate No. MC/LHB/Coach dated 22.07.2014 & Amendment No. 1 dated 02.09.2014.

For seeking sanction for operation of new train no. 12049/12050 "GATIMAN EXPRESS" hauled by single WAP5 class of locomotive comprising maximum 12 numbers of LHB AC (EOG) coaches (LWFCZAC-02, LWSCZAC-8) including two Generator Vans (LWLRRM) on New Delhi-Palwal (Incl.) up to a maximum speed of 160 km/h with RDSO's Speed Certificate No. MC/LHB/Coach dated 22.07.2014 & Amendment No. 1 dated 02.09.2014 was sent to CRS for onward submission to Railway Board on 24.10.2014.

In this regard CTE/NR met with GRS/NC on 10.11.2014.

CRS/NC has desired that first, the sanction of rolling stock for WAP5 locomotive, LHB AC EOG Executive Chair Car (LWFCZAC), Second AC Car (LWSCZAC) & Generator Van (LWLRRM) at 160 Km/h should be taken from Rly Board. After that application for operation of new train at 160 Km/h comprising with above rolling stock to be sent.

For applying CRS sanction for operation of rolling stock, RDSO's speed certificate of above rolling stock checked and found that :-

- ① RDSO Speed Certificate for operation of LHB AC EOG Executive Chair Car (LWFCZAC) for operation at 160 Km/h is not available.
2. RDSO's Final Speed Certificate issued vide letter no. MC/LHB/COACH dated 19.03.2003 with Amendment dated 27.02.2004 for operation of LHB AC EOG Chair Car for operation at 160 Km/h is available, but TRANSPORTATION CODE of Coach has not been mentioned in speed certificate. In para 2.1.2.1, 60 Kg (90 UTS) rails are mentioned but on NDLS-PWL section of N. Rly., 23 Km rails of 52 Kg still exist in track are yet to be replaced with 60 Kg (90 UTS) rails.
3. RDSO's Final Speed Certificate issued vide letter no. MC/LHB/COACH dated 20.03.2003 with Amendment dated 27.02.2004 for operation of LHB AC EOG

Generator Van for operation at 160 Km/h is also available, but TRANSPORTATION CODE of Generator Van has not been mentioned in speed certificate. In para 2.1.2.1, 60 Kg (90 UTS) rails are mentioned but on NDLS-PWL section of N. Rly. 23 Km rails are of 52 Kg still exist in track which are yet to be replaced with 60 Kg (90 UTS) rails.

4. RDSO Final Speed Certificate issued vide letter no. SD.WAP5.11 dated 19.06.97 with Amendment dated 23.10.2006 for operation of WAP5 class of locomotive for operation at 160 Km/h is available, in para 2.1.2.2 (sections having annual GMT-20 or more), 60 Kg (90 UTS) rails are mandatory. NDLS-PWL section of N. Rly. is having GMT more than 20 and 23 Km rails are of 52 Kg rails are existing in track which needs to be replaced with 60 Kg (90 UTS) rails.
5. Vide para no. 2 (ii) (b) of Executive Director/UTHS/RDSO letter No. UTHS/95 dated 17.10.2014, 52 Kg 90 UTS rails are permitted for limited 160 Km/h train operation.

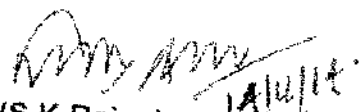
In view of above, it is desirable to issue amendments incorporating:

- a) TRANSPORTATION CODE for each type of coach.
- b) Allowing 52Kg/90UTS rails in place of 60 Kg/90UTS rails.
- c) Also **fresh speed certificate** for operation of LHB AC EOG Executive Chair Car (LWFCZAC) at 160 Km/h on 52Kg/90UTS rails is to be issued.

Above amendments/Speed Certificates may be issued at the earliest, so that application can be processed for sanction of Rly. Board & CRS/NC.

"Treat it as MOST URGENT"

DA/Nil



(S.K. Raina)

Chief Engineer/P&D

For General Manager N.Rly.

- Copy to: (i) COM, CME, CEE & CSTE Northern Railway, Baroda House, New Delhi for kind information and necessary action please.
- (ii) Executive Director, Standards, (MP), Executive Director/Track-I & II, Executive Director/Signaling, Executive Director/Bridges & Executive Director/Electrical loco, RDSO, Manak Nagar, Lucknow for kind information and necessary action.
 - (iii) Director/Std./Carriage, RDSO, Manak Nagar, Lucknow for kind information and necessary action
 - (iv) CRSE/Chg., & Dy CME/Chg., N. Rly., Baroda House, New Delhi for kind information and make arrangements for issuing new speed certificate for operation of LHB AC EOG Executive Chair Car (LWFCZAC) at 160 Km/h on 52 kg rails & revising above noted final speed Certificate of LHB AC EOG Chair Car, & Generator Van.
 - (v) CELE, & Dy CEE/OP, N. Rly., Baroda House, New Delhi for kind information and make arrangements for revising above noted final speed Certificate of WAP5 class of locomotive as mentioned above.