



**Amendment no. 01 To Speed Certificate for Operation of Train**

**No.** MC/LHB/COACH

**Date:** 22 .01.2021

**महाप्रबन्धक (इंजीनियरिंग)**

1. उत्तर रेलवे, बड़ौदा हाउस, नई दिल्ली - 110 001.
2. उत्तर मध्य रेलवे, प्रयागराज - 211 011.

**Sub:** Amendment no. 01 to Speed Certificate for operation of train consisting of maximum 24 LHB (EOG) coaches comprising of LHB AC Generator Van (LWLRRM), LHB (EOG) AC First class (LWFAC), LHB (EOG) AC First cum AC-2 Tier (LWFCWAC), AC First cum AC-2 Tier (LWFCWACA) with pneumatic suspension at secondary stage, LHB (EOG) AC 2-Tier Sleeper coach (LWACCW), LHB (EOG) AC 3-Tier coach (LWACCN), LHB (EOG) AC Hot Buffet Car (LWCBAC), LHB (EOG) Executive AC Chair Car (LWFCZAC), LHB (EOG) Second Class AC Chair Car (LWSCZAC), LHB (EOG) Non AC Chair Car (LWSCZ), LHB (EOG) Non AC Chair Car (LWSCZA), LHB (EOG) 3-Tier Sleeper (LWSCN), LHB (EOG) 3-Tier Sleeper (LWSCN1), LHB (EOG) 3-Tier Sleeper (LWSCNA), LHB (EOG) Second Class Non AC Unreserved coach with Vestibules (LWS), LHB (EOG) High Capacity Parcel Van (LVPH), LHB (EOG) Second Class Non AC Chair Car (LS3), LHB (EOG) Second Class Non AC Chair Car (LS5), Second class Non AC GS coach (LS-5A), LHB (EOG) Second Class Cum Luggage & Brake Van (LSLRD) with single WAP7 locomotive, with maximum speed up to 130 kmph over Palwal (PWL)-Hazrat Nizamuddin (NZM) - New Delhi (NDLS) & back sections of Northern Railway on track maintained as per provisions of Indian Railway Permanent Way Manual, June-2020, containing geometry standards under Para 522.

**Ref:** (i) RDSO Speed certificate no. MC/LHB/COACH dated 09.12.2020.  
(ii) Northern Railway letter no. 802-M/6/16/LHB/Non AC /EOG/Pt-III/MC-I dated 07.01.2021.

Vide reference at (i) above, RDSO has issued "Speed Certificate for operation of train consisting of maximum 24 LHB (EOG) coaches with single WAP7, upto a maximum speed of 130 kmph Palwal (PWL)-Hazrat Nizamuddin (NZM) - New Delhi (NDLS) & back sections of Northern Railway on track maintained as per Para 607 of IRPWM, Third Reprint-2019".

Vide reference at (ii) above, Northern Railway had requested to correct the name of LS3 & LS5 coach. Subject, Para-2 & Para-2.3.5 (B) of referred speed certificate at (i) above have been amended. Track dte Para nos. 2.2.3, 2.2.4, 2.2.5, 2.2.6 & 2.2.7 are renumbered as 2.2.2, 2.2.3, 2.2.4, 2.2.5 & 2.2.6 respectively. Accordingly, renumbered and amended paras shall be read as under:

**Sub:** Speed Certificate for operation of train consisting of maximum 24 LHB (EOG) coaches comprising of LHB AC Generator Van (LWLRRM), LHB (EOG) AC First class (LWFAC), LHB (EOG) AC First cum AC-2 Tier (LWFCWAC), LHB (EOG) AC First cum AC-2 Tier (LWFCWACA), LHB (EOG) AC 2-Tier Sleeper coach (LWACCW), LHB (EOG) AC 3-Tier coach (LWACCN), LHB (EOG) AC Hot Buffet Car (LWCBAC), LHB (EOG) Executive AC Chair Car (LWFCZAC), LHB (EOG) Second Class AC Chair Car (LWSCZAC), LHB (EOG) Non AC Chair Car (LWSCZ), LHB (EOG) Non AC Chair Car (LWSCZA), LHB (EOG) 3-Tier Sleeper (LWSCN), LHB (EOG) 3-Tier Sleeper (LWSCN1), LHB (EOG) 3-Tier Sleeper (LWSCNA), LHB (EOG) Second Class Non AC Unreserved coach with Vestibules (LWS), LHB (EOG) High Capacity Parcel Van

(LVPH), LHB (EOG) Second Class Non AC coach (LS3), LHB Non AC (EOG) GS coach (LS5), LHB Non AC (EOG) GS coach (LS-5A), LHB (EOG) Second Class Cum Luggage & Brake Van (LSLRD) with single WAP7 locomotive, with maximum speed up to 130 kmph over Palwal (PWL)-Hazrat Nizamuddin (NZM) - New Delhi (NDLS) & back sections of Northern Railway & North Central Railway on track maintained as per provisions of Indian Railway Permanent Way Manual, June-2020, containing geometry standards under Para 522.

**Para 2** Based on the above, it is certified that train consisting of maximum 24 LHB (EOG) coaches comprising of LHB AC Generator Van (LWLRRM), LHB (EOG) AC First class (LWFAC), LHB (EOG) AC First cum AC-2 Tier (LWFCWAC), LHB (EOG) AC First cum AC-2 Tier (LWFCWACA), LHB (EOG) AC 2-Tier Sleeper coach (LWACCW), LHB (EOG) AC 3-Tier coach (LWACCN), LHB (EOG) AC Hot Buffet Car (LWCBAC), LHB (EOG) Executive AC Chair Car (LWFCZAC), LHB (EOG) Second Class AC Chair Car (LWSCZAC), LHB (EOG) Non AC Chair Car (LWSCZ), LHB (EOG) Non AC Chair Car (LWSCZA), LHB (EOG) 3-Tier Sleeper (LWSCN), LHB (EOG) 3-Tier Sleeper (LWSCN1), LHB (EOG) 3-Tier Sleeper (LWSCNA), LHB (EOG) Second Class Non AC Unreserved coach with Vestibules (LWS), LHB (EOG) High Capacity Parcel Van (LVPH), LHB (EOG) Second Class Non AC coach (LS3), LHB Non AC (EOG) GS coach (LS5), LHB Non AC (EOG) GS coach (LS-5A), LHB (EOG) Second Class Cum Luggage & Brake Van (LSLRD) with single WAP7 locomotive, is fit for operation, with maximum speed up to 130 Kmph over Palwal (PWL)-Hazrat Nizamuddin (NZM) - New Delhi (NDLS) & back sections of Northern Railway & North Central Railway on track maintained as per provisions of Indian Railway Permanent Way Manual, June-2020, containing geometry standards under Para 522. In this connection, the following conditions shall apply:

**Para 2.3.5**

**(B) For LHB AC (EOG) and Non AC (EOG) Variant Coaches:-**

| S. No. | Name of Coaches  | Maximum Axle Load | Maximum Braking Force at Rail Level | CG height above rail level |
|--------|--|-------------------|-------------------------------------|----------------------------|
| 1.     | Executive AC Chair Car (LWFCZAC)                           | 16.25t            | 5.8t                                | Not exceeding 1830 mm      |
| 2.     | Second Class AC Chair Car (LWSCZAC)                        | 16.25t            | 5.8t                                |                            |
| 3.     | AC First Class (LWFAC)                                     | 16.25t            | 5.8t                                |                            |
| 4.     | AC First cum AC-2 Tier (LWFCWAC)                           | 16.25t            | 5.8t                                |                            |
| 5.     | AC First cum AC-2 Tier (LWFCWACA)                          | 16.25t            | 6.6t                                |                            |
| 6.     | AC 2-Tier Sleeper Coach (LWACCW)                           | 16.25t            | 5.8t                                |                            |
| 7.     | AC 3-tier Sleeper Coach (LWACCN)                           | 16.25t            | 5.8t                                |                            |
| 8.     | AC Hot Buffet Car (LWCBAC)                                 | 16.25t            | 5.8t                                |                            |
| 9.     | Three Tier Sleeper Coach (LWSCN)                           | 16.25t            | 5.8t                                |                            |
| 10.    | Three Tier Sleeper coaches (LWSCN1)                        | 16.25t            | 5.8t                                |                            |
| 11.    | Three Tier Sleeper coaches (LWSCNA)                        | 16.25t            | 6.6t                                |                            |
| 12.    | Non AC Second class Chair Car (LWSCZA)                     | 16.25t            | 5.4t                                |                            |
| 13.    | Second Class Non AC Unreserved coach with vestibules (LWS) | 16.25t            | 5.4t                                |                            |
| 14.    | Second Class Non AC coach (LS3)                            | 16.25t            | 5.8t                                |                            |
| 15.    | Non AC (EOG) GS coach (LS5)                                | 16.25t            | 6.6t                                |                            |
| 16.    | Non AC (EOG) GS coach (LS-5A)                              | 16.25t            | 6.6t                                |                            |
| 17.    | LHB (EOG) Second Class Cum Luggage & Brake Van (LSLRD)     | 16.25t            | 5.8t                                |                            |
| 18.    | LHB (EOG) High Capacity Parcel Van (LVPH)                  | 16.25t            | 6.6t                                |                            |

|     |                        |        |      |  |
|-----|------------------------|--------|------|--|
| 19. | Generator van (LWLRRM) | 16.25t | 6.6t |  |
|-----|------------------------|--------|------|--|

**Note:** The para nos. 2.2.3, 2.2.4, 2.2.5, 2.2.6 & 2.2.7 renumbered as para nos. 2.2.2, 2.2.3, 2.2.4, 2.2.5 & 2.2.6 respectively.

**ENCLOSURES:** / संलग्नक: Nil

**Signed by Vinay Kumar  
Agarwal  
Date: 25-01-2021 11:37:14  
Reason: Approved**

(वी.के.अग्रवाल)  
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. महाप्रबंधक (यांत्रिक / विद्युत / परिचालन / संकेत एवं दूरसंचार)
  - (i) उत्तर रेलवे, बड़ौदा हाउस, नई दिल्ली - 110 001.
  - (ii) उत्तर मध्य रेलवे, प्रयागराज - 211 011.

**ENCLOSURES:** / संलग्नक: Nil

/

(वी.के.अग्रवाल)  
कार्यकारी निदेशक मानक/चालन शक्ति



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**महाप्रबन्धक (इंजीनियरिंग)**

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**ENCLOSURES:** / संलग्नक: Nil

/

(वी.के.अग्रवाल)  
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. महाप्रबंधक (यांत्रिक / विद्युत / परिचालन / संकेत एवं दूरसंचार)
  - (i) उत्तर रेलवे, बड़ौदा हाउस, नई दिल्ली - 110 001.
  - (ii) उत्तर मध्य रेलवे, प्रयागराज - 211 011.

**ENCLOSURES:** / संलग्नक: Nil

**Signed by Vinay Kumar  
Agarwal  
Date: 25-01-2021 11:37:39  
Reason: Approved**

(वी.के.अग्रवाल)  
कार्यकारी निदेशक मानक/चालन शक्ति