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Government of India - Ministry of Railways  
Research Designs & Standards Organisation  
Lucknow - 226011  
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No.: MW/CS/PEWB

Date: 11.05.2023

1. Principal Chief Mech. Engg.  
ER & SCR
2. GM (Mechanical)  
DFCCIL/New Delhi

**Sub:** Calibration of EIMWB at 100 T Load.**Ref:** (i) Railway Board's letter no. 2017/M (N)/570/89 dated 12-04-2022

(ii) RDSO's letter no. CT/DG/LW/HAW dated 31-03-2022

(iii) RDSO's letter no. MW/CS/PEWB dated 29-08-2022

(iv) Railway Board's letter no. 2013/TT-1/27/15 dated 28-07-2020

(v) Railway Board's letter no. 2017/M(N)/570/89 (E-3323068) dated 27-03-2023

Vide above subject, EIMWBs are calibrated with test rake which consist of 5 test wagons with following load configuration:

| Reference wagons | Wagon weight in tones     |
|------------------|---------------------------|
| 1                | Empty wagon (Tare weight) |
| 2                | 40                        |
| 3                | 50                        |
| 4                | 70                        |
| 5                | 90                        |

As per the advice of Railway Board, the EIMWBs to be calibrated with 100 T load wagons. In this regard, a request made vide reference (iii) to Railway Board which will require detailed discussion of Mech. and Engg. Directorate of Railway Board.

After discussions with RB and RB's letter ref. (v) above, it is further requested that the 6th reference wagon should also be included in the test rake for calibration of EIMWBs feeding the all notified 25 T axle load routes. The 6th wagon should be BCNAHS wagon with CASNUB 22 HS bogie (CC+8+2) for the only purpose of testing/calibration of EIMWBs with maximum speed of movement restricted to 45kmph. Feedback on inclusion of 6th reference wagon in the test rake should be given to this office as well as to Railway Board.

This has the approval of EDSW.

**Encl:** Nil.

Digitally Signed by Anand

Rishi Srivastava

Date: 22-05-2023 13:39:48

Reason: Approved

(Anand Rishi Srivastava)  
Director Standards Wagon  
For Director General (Wagon)

**Copy to:**

1. EDME (Freight), EDME (Modernization), Railway Board, New Delhi-It is requested that with reference letter placed at reference (iii), Railway Board may allow the above proposed movement on the other sections of IR for the only purpose of testing and calibration of EIMWBs.
2. GM/BD, DFCCIL, New Delhi: for kind information.