



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



No. 2024/CEDO/SR/03/BOSM-22.9t-IR-DFCCIL(1)

New Delhi, dated 29.02.2024

The Director General,
Research Designs & Standards,
Manak Nagar,
Lucknow-226011.

Sub: Future Improvement of Broad Gauge Bogie Open Steel Wagon 'BOSM'
[Max. Axle Load: 22.9t] to RDSO's Drg. No. WD-22081-S-02

Ref: (i) Railway Board's letter no. 2024/CEDO/SR/03/BOSM-22.9t-IR-DFCCIL,
dated 29.02.2024

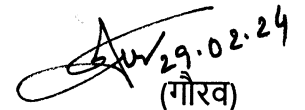
(ii) CCRS office letter no. Q.12011/18/2023-24-T.W., dated 01.02.2024

(iii) RDSO's letter no. MW/BOSM, dated 11.12.2023

(iv) RDSO Final Speed Certificate (FSC) no. MW/BOSM, dated 07.12.2023

With reference to RDSO above application, sent through the Chief Commissioner of Railway Safety, Lucknow; sanction of the Ministry of Railways, Railway Board has been communicated for introduction of Broad Gauge Bogie Open Steel Wagon 'BOSM' [Max. Axle Load: 22.9t] to RDSO's Drg. No. WD-22081-S-02, up to a maximum speed of **85 kmph in empty and 75 kmph in loaded condition** over Indian Railways, by Zonal Railways and up to a maximum speed of **85 kmph in empty and 100 kmph in loaded conditions** over routes of **Eastern & Western Dedicated Freight Corridor** of DFCs by DFCCIL vide RB's letter under reference (i) above. CCRS, while recommending for introduction of this Rolling Stock to Railway Board has suggested **following measures for future improvement of the above rolling stock:**

- Detailed Oscillation Trials at 22.9t axle load with trial speed upto 110kmph in empty condition shall be carried out by RDSO within 3 months.
- BOSM wagon has been provided with new design of doors with higher strength container type locking arrangement. However, the Locking arrangement may be reviewed by exploring positive locking arrangement by use of gravity.
- As the wagon is structurally fit for operation with 25t axle load, RDSO may conduct Detailed Oscillation Trials at 25t to utilize the full capacity potential of the wagon.
- RDSO may explore the feasibility of using fabricated bogie instead of 3 piece cast bogie for achieving higher speed.


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निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड

[Rly No. 030-47598, MTNL No. 011-23047598]

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New Delhi, dated 29.02.2024


Copy forwarded for information to :

1. The Chief Commissioner of Railway Safety, Office Compound of DRM/NER, Ashok Marg, Lucknow, w.r.t. his endorsement No. Q.12011/18/2023-24-T.W., dated 01.02.2024
2. The Commissioner of Railway Safety, All Circles
3. Executive Director (Standards) Motive Power, RDSO, Lucknow
4. Executive Director (Standards) Track-I, RDSO, Lucknow
5. EDME(Fr.), Railway Board

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