

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

No. 2025/CEDO/SR/01/12-16 Coach-VM-130 kmph

New Delhi, dated 19.03.2025

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

**The General Manager,**  
**All Indian Railways**


**Sub :** Introduction of 12/16 Coach formation Vande Metro Coaches, as per RCF layout Drawing Nos. TS/VM/DTC-9-0-001 alt-f for Driving Trailer Coach (VMDTC), TS/VM/MC-9-0-001 alt-f for Motor Coach (VMMC), TS/VM/MC2-9-0-001 alt-f for Motor Coach (VMMC2), TS/VM/MC3-9-0-001 alt-f for Motor Coach (VMMC3), TS/VM/TC-9-0-001 alt-f for Trailer Coach (VMTC) & TS/VM/NDYC-9-0-001 alt-f for Non Driving Trailer Coach (VMNDTC) up to a maximum speed of **130 kmph** over Indian Railways, by Zonal Railways, on track maintained as Para No. 522 of IRPWM, June-2020.

- Ref :** (i) CCRS office letter no. Q.12011/06/2024-25-T.W, dated 16.01.2025  
(ii) RDSO's letter no. TS/SC/Trial, dated 19.11.24 & dated 22.01.25  
(iii) RDSO's Final Speed Certificate (FSC) no. TS/SC/Trial, dated 22.07.2024 and its amendment no. 1 dated 19.11.2024

With reference to RDSO above application dated 19.11.2024, sent through Chief Commissioner of Railway Safety, Lucknow; sanction of the Ministry of Railways, Railway Board is hereby communicated for introduction of 12/16 Coach formation Vande Metro Coaches, as per RCF layout Drawing Nos. TS/VM/DTC-9-0-001 alt-f for Driving Trailer Coach (VMDTC), TS/VM/MC-9-0-001 alt-f for Motor Coach (VMMC), TS/VM/MC2-9-0-001 alt-f for Motor Coach (VMMC2), TS/VM/MC3-9-0-001 alt-f for Motor Coach (VMMC3), TS/VM/TC-9-0-001 alt-f for Trailer Coach (VMTC) & TS/VM/NDYC-9-0-001 alt-f for Non Driving Trailer Coach (VMNDTC) up to a maximum speed of **130 kmph** over Indian Railways, by Zonal Railways, on track maintained as Para No. 522 of IRPWM, June-2020 with the following stipulations :

- i. Observance of all conditions laid down in RDSO's Final Speed Certificate (FSC) no. TS/SC/Trial, dated 22.07.2024 and its amendment no. 1 dated 19.11.2024 for operation up to a maximum speed of 130 kmph, shall be ensured on the Railway, while seeking the sanction of General Manager for introduction of 12/16 car Vande Metro rake on the Railway. All the documents required for the sanction of General Manager as per CE(G) Directorate/Railway Board Policy Circular No. 6, dated 01.05.2023, along with sanction letter, shall be submitted to the Commission before the start of actual operation of rolling stock, as per extant procedure
- ii. Observance of all the permanent and temporary speed restrictions already in force and/or those that may be imposed from time to time on various accounts.

- iii. Railway shall comply all the stipulations mentioned in the EIG(ICF) letter no. ICF/E-G/EIG/RS/2024 dated 22.07.2024 for 12/16 car Vande Metro rake.
- iv. As per Para 6.1.2 of Revised Policy circular-6 dated 01.05.2023, trains will be introduced in the sections at the speeds as per provision of General rules 1976-Rule 4.08 1(a).
- v. The conditions under which rake shall be withdrawn from service such as defective door, deflated spring, communication failure etc shall be laid down by Railway and all concerned staff shall be trained for the same.
- vi. It shall be ensured that driver cab locked from inside during run to prevent the entry of any unauthorized person.
- vii. Training must be imparted to crew on following aspects:
  - In case of emergency, to uncouple the semi-permanent Schaku coupler within 15 min, necessary tools required for this operation must be made a part of driver/guard tool kit.
  - Action to be taken in case of Passenger Alarm chain pulling as per extant norms keeping in view the emergencies like fire etc. in which immediate action is required for passenger safety.
- viii. Suitable and reliable communication shall be provided in the cab for communication between loco pilot, train manager and adjacent station master.
- ix. Stainless steel pipes of BP, MR, air bellow, auxiliary reservoir, brake cylinder, compressor etc. should be color coded for easy identification by maintenance staff.
- x. All type of brake systems including regenerative brakes of all the coaches shall be maintained in good working order during operation.
- xi. Suitable setting of temperature inside coaches shall be maintained to ensure comfortable conditions to passengers, considering ambient condition and frequent opening & closing of doors.
- xii. At least one technician shall be deputed in the train for first 15 days after its introduction.
- xiii. Regular announcements shall be made through PA system informing all persons other than passengers to disembark from the train before its departure. Also, pre-recorded Passenger safety announcement in three languages (Regional, Hindi & English) should be made during run to sensitize passengers about personal safety norms to be observed during travel.
- xiv. Provision should be made for Divyangjan' and Senior Citizens as per prescribed norms. Trilingual (Local language, Hindi, English) stickers indicating the same should be pasted at appropriate locations.
- xv. Earthing the coach body & all the panels shall always be properly maintained.
- xvi. Railway shall deploy qualified and dedicated staff for the maintenance of Vande Metro Trainset. Adequate quantity of spares/ & consumable required for its maintenance shall also be ensured
- xvii. Detailed Maintenance Manual having coloured photograph should be made available to maintenance staff

  
(किशन रावित)

निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड

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


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No. 2025/CEDO/SR/01/12-16 Coach-VM-130 kmph

New Delhi, dated 19.03.2025

Copy forwarded for information to:

1. The Chief Commissioner of Railway Safety, 3<sup>rd</sup> Floor, Traffic Account Building, State Entry Road, New Delhi-110055, w.r.t. his endorsement No Q.12011/06/2024-25-T.W, dated 16.01.2025
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/Chg, Railway Board

  
19.3.25  
(किशन रावत)  
निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड