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

आज़ादी का अमृत महोत्सव

Azadi Ka Amrit Mahotsav

No. **2022/CEDO/SR/21/MDUMFS120** New Delhi, dated 06.09.2022

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

The General Manager,
All Indian Railways

Managing Director,
DFCCIL,
5th Floor, Supreme Court,
Metro Station Building Complex,
New Delhi - 110001

Sub: Introduction of Muck Disposal Unit MFS 120 (Retractable Conveyor Belt), supplied by M/s Plasser, India **[Unique Transportation Code: MDMFS120; Maximum Axle Load: 20.32t]** to manufacturer General Arrangement Drawing No. SU126.40900.0.1, up to a maximum speed of **65 kmph** when running in train formation as a dead vehicle over Indian Railways routes, *by Zonal Railways* and routes of Eastern & Western Dedicated Freight Corridor of DFCs, by DFCCIL

Ref: (i) CCRS office letter no. Q.12011/10/2022-23-T.W, dated 16.07.2022
(ii) RDSO's letter no. TM/HM/11/36/MFS120, dated 01.06.2022
(iii) RDSO's Provisional Speed Certificate (PSC) no. TM/HM/11/36/MFS120, dated 21.02.2022 and its amendment no. 1 dated 20.06.2022

With reference to RDSO above application, sent through Chief Commissioner of Railway Safety, Lucknow; sanction of the Ministry of Railways, Railway Board is hereby communicated for introduction of Muck Disposal Unit MFS 120 (Retractable Conveyor Belt), supplied by M/s Plasser, India **[Unique Transportation Code: MDMFS120; Maximum Axle Load: 20.32t]** to manufacturer General Arrangement Drawing No. SU126.40900.0.1, up to a maximum speed of **65 kmph** when running in train formation as a dead vehicle over Indian Railways routes, *by Zonal Railways* and routes of Eastern & Western Dedicated Freight Corridor of DFCs, by DFCCIL, with the following stipulations :

i. Observance of all conditions laid down in RDSO's Provisional Speed Certificate (PSC) No. TM/HM/11/36/MES120, Dated 21.02.2022 and its Amendment no. 1 dated 20.06.2022 for operation up to a maximum speed of 65 kmph in train formation, shall be ensured on the Railway/DFCCIL while seeking the sanction of General Manager/MD(DFCCIL), for introduction of rolling stock on the Railway/DFCCIL.

06.09.2022

All the documents required for the sanction of General Manager/MD(DFCCIL) as per CE(G) Directorate/Railway Board Policy Circular No. 6, dated 31.10.2018, along with sanction letter, shall be submitted to the Commission before the start of actual operation of rolling stock, as per extant procedure.

ii. It must be ensured that the loco, Ballast Cleaning Machine & Muck Disposal Units(MDUs) used in the formation clear the section after the block in one direction only to avoid subsequent signal failure due to mismatch in axle counter at both the end of the block section.

iii. Railway shall ensure adequate brake pressure & its certification when MDU Model-MFS120 is being hauled by loco/BCM.

iv. Sensors for obstruction will apply brake in loco to stop hitting any structure, so MDU should in no case be moved with loose attachment without adequate brake pressure.

v. Block Working Rule for this machine in Integrated Maintenance Block must be clearly stipulated at HQ level to ensure that there is no obstruction to adjacent line and proper clearance of block is confirmed at the time of cancellation of block.

vi. Observance of all permanent and temporary speed restrictions already in force and /or those that may be imposed from time to time on various accounts.

vii. While working on double/multiple line sections, Railway shall ensure that the machine or any of its parts does not infringe the adjoining structures/OHE masts or track. Train operation on adjacent tracks shall only be permitted after ascertaining safety of trains on these tracks.

viii. Any part which is meant for operation/maintenance provided on the vehicle shall be in closed and locked down condition during movement and while standing under 25kV AC OHE no parts of the vehicle should extend beyond the MMD envelope. Minimum electrical clearance as per SoD shall also be ensured.

ix. Muck Disposal Unit shall be maintained as per instructions laid down by RDSO.

x. Track machine operators must be properly trained in the operation of MDU before issue of "Competency Certificate" and record of training imparted to them be kept.

xi. 25 kVA 'Danger Sign Board' made of retro reflective material must be pasted on both side of the machine at appropriate location for easy identification by the staff.

06.09.22

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निदेशक सिविल इंजीनियरिंग(जी)/रेलवे बोर्ड
[Rly No. 030-47598, MTNL No.-011-23047598]
e-mail address :dceg@rb.railnet.gov.in

No. **2022/CEDO/SR/21/MDUMFS120** New Delhi, dated 06.09.2022

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.12011/10/2022-23-T.W, dated 16.07.2022
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. Executive Director Track (M&Mc), Railway Board

(गौरव)
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