

INDIAN RAILWAYS
CENTRE FOR DESIGN & DEVELOPMENT
CHITTARANJAN LOCOMOTIVE WORKS

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No.: C-D&D/T/24(Part)/MV, Vol. VI (Part-II)

Dated: As signed

M/s MV ELECTROSYSTEMS PVT LTD,
Plot No. -7 site no-2 14 by 7 Mathura Road,
FARIDABAD, Haryana, India- 121001

Sub: Testing of Loco no. 38525 equipped with 3-Ph. propulsion system of M/s MV Electrosystems.

Ref.: i) CLW P.O. No. 70201134100491 dated 25.03.2021.

ii) This office letter no. C-D&D/T/24 (Part)/MV, Vol. -VI (Part-II) dated 07.09.2024

iii) Joint note dated 02.09.2024 and 18.09.2024

- 1.0** CLW vide PO under ref (i) placed and order of 18 sets of Three Phase Drive Propulsion Equipment on M/s MV Electrosystems as per RDSO spec no. RDSO/2008/EL/SPEC/0071 Rev 5. Further the proto unit is under commissioning in loco no. 38525 at CLW which bears the following serial no.

Sl. No.	Item description	Serial No.
1	Traction Converter	SR1/TC3000/R&D001
2	Traction Converter	SR2/TC3000/R&D001
3	Auxiliary Converter	Cubicle-1: AUX130/R&D001
4	Auxiliary Converter	Cubicle-2: AUX260/R&D001
5	Vehicle Control Unit	VCU2/R&D001
6	Vehicle Control Unit	VCU1/R&D001
7	Driver Display Unit	DDU2/R&D001
8	Driver Display Unit	DDU1/R&D001

- 2.0** Testing was carried out by C-D&D team and ELS/TKD/ WCR from 20.06.2024 to 18.09.2024 and the observations are mentioned in Joint note under ref. (iii) which is attached as annexure. Further the improvement suggested in the Joint Note with TKD shed is to be implemented along with compliance of point under letter under ref. (ii) before issue of final prototype clearance. Also, maintenance of component/sub assembly and mapping of fault messages as intimated in joint note by ELS/TKD/WCR should be resolved before supply of second unit. In addition to this it is advised to depute technical team for escorting with loco to home shed so that any issues enroute can be addressed.

DA : Joint Note dated 02.09.2024 and 18.09.2024.


(Pankaj Kumar)
Dy. CEE/D&D-I/CLW

Copy to :

Director/TPS/RDSO

} For kind information and conduct testing as per clause no. 1.6.5, 5.5, 5.6 of RDSO specification RDSO/2008/EL/SPEC/0071, Rev.5

Dy.CEE/Loco/CLW

} For kind information and loco may be planned for further testing and dispatch as per procedure.


Dy. CEE/D&D-I/CLW