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Government of India
Ministry of Railways
Research, Designs &
Standards Organization,
LUCKNOW-226011



No. EL/2.2.1/High Reach/Minel

Dated As signed

M/s Minel India Pvt. Ltd.,
Plot No.44, Ecotech II,
Greater Noida-201306

(Kind Attention: Sh. Praveen Kumar Bharti –GM)

Sub: Approval of GA & PCU drawing and Quality Assurance Plan Approval (QAP) for High Reach Pantograph for Electric Locomotives with ADD/ORD of M/s Minel India Pvt. Ltd. as per specification No. RDSO/2007/EL/SPEC/0054 Rev. '3' with Amendment 1 & 2.

Ref: i. WR performance letter No. EL 91/7/13 Dated 11.04.2025.
ii. RDSO/HRPT/12042025 dated 12.04.2025.

Reference above, the latest QAP document. No. RDSO/LOCO/QAP-HRPT Rev. '3' Dated 04.04.2025 for High Reach Pantograph with ADD/ORD system, GA drawing No. EIN03538 Rev. A.1 dated 04.02.2025 and Pneumatic control unit drawing No. EIN02592 Rev. A.1 Dated 17.01.2025 for 25 KV AC electric locomotives as per requirement of specification No. RDSO/2007/EL/SPEC/0054 Rev. '3' with Amendment 1 & 2, has been examined and found to be generally in order. The duly provisionally approved copy of same is attached herewith for implementation.

The responsibility of continuous updation and implementation of QAP lies with the manufacturers/vendor of the subject equipment/ sub system. The manufacturers/vendor shall ensure continuous updation and implementation of the QAP with instruction/decision of RDSO on the subject equipment/sub-system issued from time to time through various SMI, TC, MS, letters Minutes of Meeting etc., besides reliability improvement measures taken by the manufacturers/vendors in consultation with RDSO.

Encl: As above.

RAJESH Digitally signed
by RAJESH
KUMAR
KUMAR Date: 2025.04.16
(Rajesh Kumar) 16:28:32 +05'30'

for Director General Standard Electrical