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CENTRAL RAILWAY

Office of the
SSE/C&W/FRT/MRJ
Date: 14.10.2026

Technical Specification of 05 Ton Load Cell Compression

1. Capacity : Upto 05 Ton.
2. Digital indicator to indicate brake block force Load Cell Qty- 8Nos, 8 Channel Digital Brake Block Force Indicator, with 5 Line LCD display, Line 1 to display L1 & R1 Load valve, Line 2 to display L2 & R2 Load valve, Line 3 to display L3 & R3 Load valve, Line 4 to display L4 & R4 load valve & Line 5 to display Sum of all the Load Cell.
3. Remote start and reset buttons.
4. 230 VAC operated.
5. Size suitable to use by fixing between brake shoe and wheel or brake blocks and wheels in wagons or coaches of Indian Railway.
6. Load cell should be non slippery and are easily installable.
7. Resolution: 0.01Ton.
8. Training should be imparted to the employees to use and record the readings after supply of the material.
9. Operational manual to be produced while supply of the material.
10. Load cell compression should be supplied proper hard plastic case to be protected from physical damages.
11. Cable size: Shielded cable 15 meters minimum for communication ports.
12. NABL accredited calibration certificates.
13. Minimum 30 months warranty from the date of commissioning.

ADME/MRJ
16.10.26
सहा. मंडल यांत्रिक इंजीनियर
Asst. Divisional Mechanical Engineer
मध्य रेल,मिरज.
Central Railway, Miraj.

SSE/C&W/FRT/MRJ
वरिष्ठ अनुभाग अभियंता
(स. व. मां. डि.) मध्य रेल, मिरज
Sr. SECTION ENGINEER (C&W)
CENTRAL RAILWAY, MIRAJ

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