



ENVIRONMENT, SAFETY & HEALTH DIVISION

Maintenance and Repair Report Form

Product ID: [541](#) | Revision ID: 1699 | Date Published: 18 December 2014 | Date Effective: 18 December 2014

The custodian must ensure that all required maintenance and repair work is documented using this form. The completed form must be submitted to the pressure systems program manager and kept on file by the custodian for five years (see [Pressure Systems: Installation, Inspection, Maintenance, and Repair Requirements](#) [SLAC-I-730-0A21S-053]).

Maintenance date: 24 September 2025	System name: Tunnel Ventilation & Smoke Control System		Location: M.G. Road Station - Platform Level
Maintenance type: Routine Service Breakdown	Status: Completed		Building: M.G. Road Station - Platform Level Room:
Last maintenance date: 24 March 2025	National Board number:N/A	Serial number: KMRL-TVSC-2019-045	SLAC pressure system number:N/A
System type (check all that apply): Scientific: No Conventional: Yes Cryogenic: No		Year built:2019 Manufacturer: Kochi Metro Systems Pvt. Ltd.	
Vacuum: No Compressed gas: Yes Other Specify:			
Routine maintenance:		Preventive maintenance:	
Shut-down maintenance:		System failure problems: No critical failures. Minor vibration detected on Fan 2 (bearing wear signs).	
Repair description: Replaced worn vibration isolator on Fan 2. Tightened fan housing bolts and rebalanced fan as per manufacturer instructions. No welding repairs performed			
Note: welding repair(s) must be performed by an ASME-certified welder.			
Maintenance description: Routine preventive maintenance conducted as per KMRL Maintenance Schedule MNT-2025-V1. All items inspected and serviced; lubrication and minor part replacements executed. Functional tests passed. Fan 2			

vibration reduced to acceptable limits.	
Maintenance inspection: Inspected by: Sahana Menon (Senior Mechanical Engineer) Checklist items completed and signed; all safety protocols observed during maintenance.	
Pressure test: Not applicable for this system (ventilation HVAC).	
Custodian name (<i>print</i>): Arjun Nair Senior Engineer (Infrastructure) - KMRL	Phone: +91 94470 12345
Mechanic's name (<i>print</i>): Sahana Menon Senior Mechanical Technician - M&E Team	Phone: +91 98460 67890
Mechanic's signature: Sahana Menon	Date: 24 September 2025