

**Title: Kochi Metro Rail Limited – Monthly Maintenance Report**

**Date: 01 Sept 2025**

**Prepared By: Engineering Department**

**Subject: Monthly Inspection and Maintenance Activities – August 2025**

**Report:**

During the month of August 2025, the Engineering Department conducted routine inspections and maintenance across all metro stations and train fleets. The focus was on signal system checks, track inspections, escalator maintenance, and train engine diagnostics.

**Key Findings:**

1. **Signal System:** 2 minor faults detected and repaired at Aluva Station. No major service disruption occurred.
2. **Tracks:** Routine inspections completed on 10 km of track in the MG Road – Edapally stretch. Minor rail alignment adjustments performed.
3. **Escalators & Lifts:** 5 escalators and 3 lifts required lubrication and emergency brake testing. All were operational within 24 hours.
4. **Trains:** Diagnostic tests revealed 3 engines with minor wear in the braking system; preventive maintenance was completed.
5. **Staff Participation:** 12 engineers, 8 technicians, and 5 safety officers participated in inspections.

**Next Steps / Recommendations:**

- Conduct a special inspection of signaling systems at Aluva and Edapally stations in September 2025.
- Replace worn braking components in the trains scheduled for October 2025.
- Continue preventive maintenance schedule as per standard operating procedures.

**Prepared by:**

**Engineering Department, Kochi Metro Rail Limited**

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