

**Document Title:** Maintenance Circular – Escalator Safety Audit 2025

**Circular No.:** KMRL/MECH/2025/091

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**Issued By:** Chief Mechanical Engineer, Kochi Metro Rail Limited

In view of increasing passenger footfall across all Kochi Metro stations, this circular mandates a comprehensive safety audit of escalators and elevators to ensure continued compliance with national safety standards and passenger safety assurance.

**Scope:**

1. All escalators and elevators at stations, depots, and OCC to be audited.
2. Mechanical & Electrical divisions to jointly inspect safety features.
3. Third-party certification required for escalators installed prior to 2022.

**Mandatory Checks:**

- Functionality of emergency stop buttons.
- Brake system performance under load conditions.
- Step chain lubrication and wear analysis.
- Handrail speed synchronization with step movement.
- Inspection of overload sensors in elevators.
- Verification of CCTV coverage near escalator landings.

**Compliance Schedule:**

- Preliminary inspection to be completed by 25 September 2025.
- Rectification works to be finalized by 10 October 2025.
- Third-party certification reports to be submitted by 15 October 2025.

**Enforcement:**

Non-compliance will attract penalties under O&M safety regulations. Persistent violations may lead to suspension of affected escalator operations until corrective measures are verified.

Responsibility lies with the Mechanical Maintenance Department, supported by station managers for coordination. Monthly updates to be submitted to the KMRL Board.