**KMRL – Maintenance Report**

**Date:** 03-10-2025  
**Prepared by:** Maintenance Monitoring Team  
**Location:** Kochi Metro Rail Limited

**1. Track & Infrastructure**

* **Observation:** Minor cracks detected near viaduct joint between Edappally and Changampuzha Park.
* **Status:** Requires urgent sealing to prevent water seepage.
* **Department Assigned:** **Civil & Track Engineering Department**

**2. Rolling Stock (Metro Trains)**

* **Observation:** Train Set KM-07 reported unusual noise in braking system during deceleration.
* **Status:** Inspection pending; brake pads to be replaced within 48 hours.
* **Department Assigned:** **Rolling Stock & Mechanical Department**

**3. Electrical & Power Supply**

* **Observation:** Voltage fluctuation recorded at Kaloor substation during peak hours.
* **Status:** Requires transformer load test and corrective action.
* **Department Assigned:** **Electrical & Power Systems Department**

**4. Signalling & Communication**

* **Observation:** Signal delay of 4 seconds observed at Palarivattom junction.
* **Status:** To recalibrate Automatic Train Control (ATC) module.
* **Department Assigned:** **Signalling & Communication Department**

**5. Station Facilities**

* **Observation:** Two escalators at Aluva station malfunctioned during rush hours.
* **Status:** Replacement parts ordered; temporary manual assistance arranged.
* **Department Assigned:** **Station Operations & Facilities Department**

**6. Safety & Security**

* **Observation:** CCTV coverage blind spot identified at M.G. Road station exit gate.
* **Status:** Additional camera installation scheduled.
* **Department Assigned:** **Safety & Security Department**

**7. Cleaning & Environment**

* **Observation:** Water leakage in underground parking at Maharaja’s College station.
* **Status:** Cleaning team deployed; waterproofing work to be initiated.
* **Department Assigned:** **Environment & Facilities Management**

✅ **Summary:**  
The above issues have been noted and forwarded to the respective departments for timely action. Follow-up inspection scheduled for **10-10-2025**.