

EARTHQUAKE/ LANDSLIDE



FLEET OPERATIONS PROTOCOL



- Trigger Points**
- Ground shaking felt
 - Road cracks or bridge damage
 - Emergency alerts received
 - Passenger panic or injury



Responsibility

Depot Manager

Control Room

Depot Supervisors

Driver

A. IMMEDIATE ACTIONS DURING EARTHQUAKE / LANDSLIDE



Responsibility:

Driver

- 🛑 Stop the vehicle safely away from bridges, flyovers, tunnels, trees, and unstable structures.
- 🚗 Engage parking brake and keep passengers inside until shaking stops.
- ✅ Calm passengers and provide instructions to remain seated.

B. POST-SHAKING SAFETY CHECK



Responsibility:

Driver

- 🏥 Check for injuries among passengers and provide first aid if possible.
- 🔍 Inspect the bus for visible damage (tires, suspension, electrical systems).
- 📞 Report status to Depot Manager immediately.

C. OPERATIONAL COORDINATION



Responsibility:

Depot Manager

- 📍 Track all vehicles, confirm driver safety and share safe routes with drivers.
- 🛑 Suspend all non-essential trips immediately & Redirect buses to designated safe zones or emergency shelters.
- 📞 Use backup communication systems (radio, satellite phones) if needed.
- 👮 Coordinate with emergency services/ Disaster Management Authority for assistance.

D. PASSENGER SAFETY & SUPPORT



Responsibility:

Communication Team

- 📞 Provide clear instructions to passengers.
- 🚶 Assist passengers with evacuation if necessary (move to open safe areas).
- 👴 Prioritize vulnerable passengers during evacuation.
- 🍷 Provide water and basic aid if available.

D. EMERGENCY ACTIONS - SOPS



Responsibility:

Control Room

Control Room Protocol for Fleet Operations

- Maintain communication with all drivers and depot managers.
- Share safe routes and shelter locations.
- Track vehicle positions and prioritize rescue if needed.



Responsibility:

Depot Manager

Depot Manager SOP for Emergency Response

- Instruct drivers on stop buses in safe open areas after shaking stops keep doors open for quick evacuation.
- Account for all vehicles and drivers via GPS/manual check-ins.
- Hold dispatch until roads and depots are confirmed safe; inspect buses before redeployment.
- Maintain contact with Control Room/ICCC; prepare relief buses for stranded passengers.
- Coordinate with ECC for damage assessment and route clearance before resuming.



Responsibility:

Driver

Driver SOP for Safety and Passenger Protection

- Stop the bus in an open, safe area away from bridges, flyovers, and slopes.
- Apply parking brake; calm and keep passengers inside until shaking stops.
- Keep doors open for quick evacuation if unsafe inside and evacuate passengers to open spaces away from poles and glass.
- After earthquake/ landslide check for injuries; provide first aid if possible.
- Contact emergency services (fire, medical) if injuries or hazards exist. Report status to Control Room immediately with situational update
- Follow rerouting or evacuation instructions from Depot Manager/Control Room

EARTHQUAKE/ LANDSLIDE



DEPOT OPERATIONS PROTOCOL



Trigger Points

- Earthquake:** Tremors felt or official seismic alert issued.
- Landslide:** Visible soil movement, cracks near slopes, or warnings.



Responsibility
Emergency Response Team

Depot Manager

Control Room

Maintenance Team

Safety Officer

A. EMERGENCY ACTIVATION



Responsibility:

Depot Manager

- ✓ Activate **Emergency Response Team (ERT)** and assign roles:
- 🔌 **Electrical Safety lead** | 🚐 **Asset Relocation lead** | 🗣️ **Communication**

B. SAFETY PROTOCOLS



Responsibility:

Safety Officer

👤 Staff Safety

- During tremors: Take cover under sturdy furniture or move to open space.
- After tremors: Evacuate staff to **assembly points** away from buildings, poles, buses.
- For landslide: Move staff to **stable uphill zones**; avoid slopes.
- Keep staff away from high-voltage zones, exposed wires or damaged batteries



Responsibility:

Electrical Safety Lead

⚡ Electrical Safety

- Turn off main power supply immediately.
- Stop charging operations, disconnect connectors safely (after shaking stops).
- Do not move batteries during shaking.
- Barricade charging area until inspected by DISCOM/Electrical Safety Officer.
- If safe, use **main breaker for emergency power shutdown**.



Responsibility:

Safety Officer

Staff and Asset Safety SOPs for Safety Officer

- Monitor the situation from the Emergency Control Room (if safe).
- Trigger emergency alarms if not already activated.
- Ensure emergency lighting is operational.
- Move away staff from battery banks and energy storage systems.
- Begin headcount once shaking stops and evacuation begins.
- Assist in guiding personnel to safe zones once shaking stops.
- Monitor for secondary hazards like fire, gas leaks, or structural damage

C. HAZARD CONTROL



Responsibility:

Maintenance Team

- 🔴 Barricade cracked zones or slope failure areas.
- 💧 Deploy sandbags/barriers to protect electrical rooms from mud/water ingress.

D. EMERGENCY ACTIONS - SOPS



Responsibility:

Depot Manager

Depot Manager Emergency Response SOP

- Activate Emergency Response Protocol.
- Announce "Take Cover" via PA system (if working).
- Instruct to stop all bus movement; park in open areas away from structures/slopes.
- Instruct drivers via radio: Stop buses in safe spots and stay inside until shaking stops.
- Suspend all dispatches immediately.
- Do not evacuate during shaking unless there's fire or collapse risk.
- Maintain radio contact with Safety Officer and Security Team.



Responsibility:

Electrical Safety Lead

SOPs for Emergency Power Shutdown procedure

- Access main electrical room or emergency power panel.
- Wear PPE (insulated gloves, boots) Locate emergency shutdown switch (marked red or labeled).
- Activate shutdown (turn main breaker OFF).
- Check indicator lights confirm power OFF.
- Communicate status to Depot Manager and Control Room.
- Lock electrical room and.
- Wait for clearance before restoring power (after inspection). post "POWER OFF – DO NOT OPERATE" signage