Elevator and Escalator Dynamic Testing Checklist

Interactive checklist for inspecting elevator and escalator dynamic testing. Tick, comment, and export as PDF/Excel for complete safety compliance.

Project:
Date:
Filled by:

Pre-Test Preparations

1	Ensure all safety gear such as helmets and gloves are worn by personnel.
2	Verify all test equipment is calibrated and functioning correctly.
3	Review the manufacturer's specifications and safety standards relevant to the system.

Load Testing

4	Conduct a full-load test to ensure the elevator can handle its maximum weight capacity.
5	Observe the system's performance during load changes and record any anomalies.

Speed Verification

6	Measure the elevator's speed under normal and full-load conditions to ensure compliance with specified limits.
7	Verify escalator speed is within the safety range at both ascending and descending operations.

Emergency Systems Check

8	Test the emergency brake system to ensure it activates under fault conditions.
9	Verify the functionality of the emergency alarm and communication systems.
10	Inspect the backup power system to ensure elevators operate during power failures.

Post-Test Procedures

11	Document all findings and discrepancies noted during the testing process.
12	Ensure all safety equipment and tools are accounted for and stored properly.
13	Conduct a debrief with the testing team to discuss results and potential improvements.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Vertical transportation dynamic testing is a critical process in ensuring the safety and reliability of elevators and escalators. This inspection focuses on testing the dynamic performance of these systems under operational conditions, verifying their safety features, and ensuring compliance with applicable standards. The scope of this checklist includes load testing, speed verification, and emergency system checks, excluding routine maintenance tasks. Proper execution of dynamic testing can prevent accidents, enhance safety for users, and ensure long-term operational efficiency. Our interactive checklist allows users to tick items, add comments, and export completed reports as PDF or Excel, secured by a unique QR code.	1. Click the 'Use this checklist' or 'Start Interactive Checklist' button to launch interactive mode. 2. Tick each item online as you complete it. 3. Add comments on individual items or the entire checklist. 4. Click 'Share' or 'Download' to download your completed checklist as PDF or Excel.

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