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# Mechanical and Electrical First-Fix Inspection Checklist

Ensure safety and efficiency with our detailed mechanical and electrical first-fix inspection checklist for conveying equipment.  
Start your inspection today!

Project:

Date:

Filled by:

## Mechanical Component Inspection

1	Check all bolts and fasteners for proper torque and alignment.
2	Inspect bearings for correct installation and lubrication.
3	Verify that all pulleys and belts are aligned and tensioned correctly.
4	Examine for any signs of physical damage or wear on moving parts.
5	Ensure all guards and safety covers are installed as per specifications.

## Electrical Connection Inspection

6	Check all electrical connections for tightness and correct labeling.
7	Inspect cable routing for potential interference or damage.
8	Verify that all terminal blocks and enclosures are properly sealed.
9	Confirm the grounding systems are installed and functioning correctly.
10	Test electrical insulation resistance to ensure safety standards are met.

## System Integrity Check

11	Conduct a visual inspection of the entire system for integrity and compliance.
12	Review installation documentation to ensure all steps were completed.
13	Perform a functional test of the equipment to verify operational readiness.
14	Ensure all safety systems and emergency stops are operational.
15	Document any deviations or recommendations for corrective actions.

### Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Conducting a thorough inspection of the mechanical and electrical first-fix of conveying equipment is crucial for ensuring operational reliability and safety. This checklist is designed to guide inspectors through a detailed evaluation of mechanical components, electrical connections, and overall system integrity. By systematically addressing potential issues early in the installation process, this checklist helps prevent costly repairs and downtime, ensuring that the equipment functions efficiently and safely once fully operational.	1. Gather all necessary tools and safety equipment before starting the inspection. 2. Follow the checklist sequentially, addressing all mechanical and electrical components. 3. Document findings meticulously, noting any deviations or issues observed. 4. Perform necessary corrective actions based on the inspection results. 5. Sign-off the checklist to confirm completion and compliance with standards.