

# Quality Control Checklist for Electrical Installations

Ensure safety and compliance with a comprehensive **quality control checklist** for electrical installations. This checklist helps verify that all components and connections meet regulatory standards and function correctly. Regular checks minimize risks and enhance the reliability of electrical systems.

Item	Inspection Criteria	Status (✓/✗)	Comments
1. General Requirements			
1.1	Compliance with latest electrical codes and standards		
1.2	Qualified personnel performing installation		
1.3	Inspection permit and documentation available		
2. Materials and Equipment			
2.1	All materials/equipment are approved and labeled		
2.2	No damage, defects, or unauthorized modifications		
3. Wiring and Connections			
3.1	Correct wire size and type used		
3.2	Secure and proper connections; tight terminations		
3.3	No exposed conductors; insulation intact		
3.4	Cable routing is neat and organized		
4. Enclosures and Panels			
4.1	Panels and enclosures are properly mounted and labeled		
4.2	No missing or loose covers		
4.3	Circuit directories are complete and accurate		
5. Grounding and Bonding			
5.1	Proper grounding and bonding practices followed		
5.2	Grounding connections are accessible and secure		
6. Testing and Verification			
6.1	Insulation resistance and continuity tested		
6.2	Polarity and voltage checks completed		
6.3	Functional testing of all devices and circuits		

Note: Complete this checklist during initial inspection and re-inspect after corrections or modifications.