

COMMERCIAL ELECTRICAL QUALITY CONTROL CHECKLIST

Project Information

Project Name:	
Location:	
Contractor Name:	
Foreman / Supervisor:	
Inspector Name:	
Inspection Date:	
Inspection Type:	<input type="checkbox"/> Rough-In <input type="checkbox"/> Final <input type="checkbox"/> Pre-Test <input type="checkbox"/> Re-Inspection

1. General Compliance

Inspection Item	Pass	Fail	N/A	Notes
Permit posted and visible on site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NEC, local, and AHJ codes followed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Drawings and specifications on site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Licensed electricians performing work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Personal protective equipment (PPE) used correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Lockout/Tagout procedures followed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2. Conduit Installation

Inspection Item	Pass	Fail	N/A	Notes
Conduit size and type per specs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Secure mounting (straps, supports) within code spacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
No sharp bends, kinks, or deformations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sealing at penetrations and outdoor terminations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fire-stopping used at rated walls/floors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EMT, PVC, MC, or other type labeled appropriately	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

3. Wire & Cable Installation

Inspection Item	Pass	Fail	N/A	Notes
Conductor type, size, and insulation verified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Proper color coding and phase identification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cables free of damage, cuts, or splices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Correct support intervals (tray, J-hooks, staples)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ampacity matches overcurrent protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Labeling of branch circuits at panels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

4. Panels & Equipment

Inspection Item	Pass	Fail	N/A	Notes
Main service panel installed to spec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Circuit breaker sizes match load design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Panelboards are labeled legibly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Grounding and bonding tested and verified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All breakers and disconnects labeled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Clearance in front of panels (per NEC 110.26)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

5. Devices, Fixtures & Terminations

Inspection Item	Pass	Fail	N/A	Notes
Receptacles and switches secured and plumb	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Devices installed to proper height (ADA where required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GFCI/AFCI devices installed and tested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fixtures properly mounted and wired	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wire terminations torqued to spec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Junction boxes accessible and covered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

6. Testing & Verification

Test/Inspection	Result	Notes
Continuity test on all conductors	Pass / Fail	
Insulation resistance (megger) test	Pass / Fail	
Voltage drop verification	Pass / Fail	
Load balance test	Pass / Fail	
Panel torque verification completed	Yes / No	
Ground resistance test (Ω):		
Functional test of all circuits	Pass / Fail	

7. Safety & Final Walkthrough

Inspection Item	Pass	Fail	N/A	Notes
All covers installed and secured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Temporary wiring removed or labeled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Labels and placards in place (e.g., arc flash, disconnects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Workspace clear and accessible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AHJ or Engineer punch list completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Inspector Notes & Observations

Sign-Off

QC Inspector Name:	
Signature:	
Date:	

Site Supervisor Approval:	
Date:	