

Electrical final inspection checklist

Electrical final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. Work is commonly verified against NEC (NFPA 70). Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The electrical foreman at trim-out, then the GC or owner's representative at final acceptance. When: After devices and fixtures are installed and the system is energized, before the AHJ final and owner turnover.

Devices and finishes

- ☐ **Devices straight, flush and undamaged**
Receptacles and switches plumb with plates seated; no paint in slots, no cracked plates. 2 photos required
- ☐ **GFCI and AFCI protection tested at each required location**
Test and reset each device with a tester, not just the button; record per room. 2 photos required
- ☐ **Fixtures lamped, aimed and operating**
Every fixture lights, dimmers sweep their range, no flicker or dead lamps. 2 photos required
- ☐ **Exterior receptacles weather-resistant with in-use covers**
Outdoor and wet-location receptacles carry the weather-resistant marking and have covers that close with a plug inserted. 1 photo required
- ☐ **Lighting controls respond per the control intent**
Occupancy sensors time out and re-trigger, daylight zones dim, and switching groups match the control sequence on the drawings. No photo required

Panels and labeling

- ☐ **Panel directories typed and matching the field**
Each breaker identified by the actual room or load served, verified by operating the breaker. 2 photos required
- ☐ **Disconnects, panels and equipment labeled**
Nameplates on every disconnect and panel, with source and load identified where required. 2 photos required
- ☐ **Torque and termination check documented**
Lug torques marked or logged per panel after the final torque pass. 1 photo required
- ☐ **Unused breaker spaces closed with listed filler plates**
Dead front installed with every screw, each open breaker space closed with the manufacturer's filler, no openings to live parts. 1 photo required
- ☐ **Arc flash warning labels on panels and disconnects**
Field-applied warning label on each panel, switchboard and disconnect likely to be serviced energized, with the details the engineer provided. 1 photo required

Energization and closeout

- ☐ **Receptacle polarity and grounding verified**
Tester reading at a sample of receptacles per circuit, including at the end of each run. 1 photo required
- ☐ **Spare conduits and unused openings capped or sealed**
No open knockouts, no uncapped stub-ups left above ceilings or in slabs. 1 photo required

- ☐ **Equipment whips landed per nameplate and motors bumped**
Whips to HVAC units, water heaters and motors supported and on the circuit the nameplate calls for; three-phase motors bumped to confirm rotation. 1 photo required
- ☐ **Emergency fixtures switch to backup on loss of normal power**
Normal power interrupted to the area and every emergency fixture and exit sign comes on from its battery or the emergency source. 1 photo required
- ☐ **As-built panel schedules and test records turned over**
Final directory, megger or continuity results where taken, and O&M data in the turnover package. 1 photo required