

QC Electrical Wiring Devices Checklists

Section 26.27.26

<p>Wiring device type, voltage, amperage, and NEMA configuration match approved submittals and circuit designations before energization.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Branch-circuit conductors are terminated on device terminals using manufacturer-specified torque, documented with calibrated torque screwdriver.</p> <p>Observations</p>	<input type="checkbox"/> FTQ <input type="checkbox"/> QC <input checked="" type="checkbox"/> <input type="checkbox"/> NA
<p>Hot, neutral, and ground conductors are landed on correct polarity terminals; polarity tester indicates correct wiring prior to cover installation.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Equipment grounding conductor is bonded to device yoke and metallic box with listed green screw or clip; continuity verified end-to-end.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>GFCI and AFCI devices installed in required locations trip within manufacturer time limits when tested with integral and external testers.</p> <p>Observations</p>	<input type="checkbox"/> FTQ <input checked="" type="checkbox"/> <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Exterior or wet-location devices are protected by listed while-in-use weatherproof covers that fully close over plugged cords.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Device boxes provide sufficient volume; conductor count and cubic-inch capacity calculations recorded for each box exceeding 75 percent fill.</p> <p>Observations</p>	<input type="checkbox"/> FTQ <input type="checkbox"/> QC <input checked="" type="checkbox"/> <input type="checkbox"/> NA
<p>Multi-wire branch circuits supplying shared-neutral receptacles are protected by common-trip or handle-tied breakers per NEC 210.4(B).</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Split-circuit receptacles have tied neutrals and simultaneous disconnect means; bridge tabs removed where circuits are separate.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Tamper-resistant receptacles installed where required and shutters block foreign object insertion during field test.</p> <p>Observations</p>	<input type="checkbox"/> FTQ <input checked="" type="checkbox"/> <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Isolated-ground receptacles utilize dedicated insulated grounding conductor routed back to isolated ground bus and identified by orange triangle.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Conductors entering device boxes are protected from abrasion with listed bushings; insulation shows no damage or nicks.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Unused device openings and abandoned boxes are fitted with listed blank covers to prevent contact with energized parts.</p> <p>Observations</p>	<input type="checkbox"/> FTQ <input checked="" type="checkbox"/> <input type="checkbox"/> OPN <input type="checkbox"/> NA
<p>Wiring devices are mounted at heights and locations meeting ADA clearances and project tolerances ($\pm 1/8$ inch), measured and recorded.</p> <p>Observations</p>	<input type="checkbox"/> FTQ <input type="checkbox"/> QC <input checked="" type="checkbox"/> <input type="checkbox"/> NA
<p>Circuit identification labels indicating panel and circuit number are permanently affixed to device plates using machine-printed markers.</p> <p>Observations</p>	<input checked="" type="checkbox"/> <input type="checkbox"/> QC <input type="checkbox"/> OPN <input type="checkbox"/> NA