



## Electrical Checklist

**Christopher G. Hill**

**804.916.6591**

**Chill@durettebradshaw.com**

### **General Requirements:**

- The employer examines all electrical equipment to ensure that recognized electric hazards (i.e. exposed live parts, splices in cords, missing ground pins, reverse polarity, etc.) are identified
- Disconnecting means legibly marked to indicate purpose unless located so that purpose is evident
- Sufficient working space provided to permit safe operation and maintenance of electrical equipment
- Live electrical parts guarded against accidental contact

### **Writing Design and Protection:**

- Polarity of conductors is correct
- Ground fault circuit interrupters used to protect employees. If not, an assured equipment grounding program is in place
- All 120-volt, single phase, 15- and 20- ampere receptacle outlets on construction sites, which are not part of the permanent wiring of the building and which are in use by workers, are protected by a ground fault circuit interrupter GFCI
- Outlet devices correctly matched with load being served
- All electrical circuits and equipment are grounded.
  - Path to ground from circuits, equipment, and enclosures is permanent and continuous
  - Exposed non-current carrying metal parts of cord and plug connected equipment are grounded
  - Electrical extension cords are of the three wire type
- Lamps for general illumination protected against breakage
- Flexible cords and cables protected from damage
- Conductors entering boxes, cabinets, or fittings protected from abrasion
- Unused openings in cabinets, boxes, and fittings have covers



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### **Wiring Methods, Components, and Equipment for General Use:**

- All pull boxes, junction boxes, and fittings have covers
- All cabinets, cut-out boxes, fittings, boxes, panel board enclosures, switches, circuit breakers, and switchboards located in wet or damp locations are enclosed in weather proof enclosures
- Flexible cords and cables used as a substitute for fixed wiring of a structure; run through holes in walls, ceilings or floors; through door ways or windows; attached to building surfaces; or concealed behind walls, ceilings, or floors
- Fixtures or receptacles in wet or damp locations are identified for that purpose and installed so that water cannot enter

### **Hazardous Locations:**

- All electrical equipment used in a hazardous location either approved for the location or intrinsically safe
- Safety related practices: Electrical cords and cables taken out of service when worn or frayed
- Contractors/subcontractors (painters) not using aluminum extension extension handles (or ladders) round electrical power lines