



## Common Tasks for Electricians

- Installs electrical wiring, equipment, apparatus, and fixtures, using hand tools and power tools.
- Diagnoses malfunctioning systems, apparatus, and components, using test equipment and hand tools.
- Tests electrical systems and continuity of circuits in electrical wiring, equipment, and fixtures, using testing devices, such as ohmmeter, voltmeter, and oscilloscope.
- Drives vehicle, operates flood lights, and places flares during power failure or emergency.
- Directs and trains workers to install, maintain, or repair electrical wiring, equipment, and fixtures.
- Possesses electrician's license or identification card to meet governmental regulations.
- Constructs and fabricates parts, using hand tools and specifications.
- Climbs ladder to install, maintain or repair electrical wiring, equipment and fixtures.
- Prepares sketches of location of wiring and equipment or follows blueprints to determine location of equipment and conformance to safety codes.
- Readies and assembles electrical wiring, equipment and fixtures, using specifications and hand tools.
- Maintains and repairs or replaces wiring, equipment and fixtures, using hand tools.
- Inspects systems and electrical parts to detect hazards, defects, and need for adjustments or repair.
- Plans layout and installation of electrical wiring, equipment and fixtures consistent with specifications and local codes.

