

ELECTRICIAN

1. Install, maintain and repair electrical control, wiring, and lighting systems
2. Diagnose malfunctioning systems, apparatus, and components, using test equipment and hand tools, to locate the cause of a breakdown and correct the problem.
3. Connect wires to circuit breakers, transformers, or other components.
4. Inspect electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair, and to ensure compliance with codes.
5. Advise management on whether continued operation of equipment could be hazardous.
6. Maintain current electrician's license or identification card to meet governmental regulations.
7. Plan layout and installation of electrical wiring, equipment and fixtures, based on job specifications and local codes.
8. Direct and train workers to install, maintain, or repair electrical wiring, equipment, and fixtures.
9. Prepare sketches or follow blueprints to determine the location of wiring and equipment and to ensure conformance to building and safety codes.
10. Install ground leads and connect power cables to equipment, such as motors etc.
11. Perform business management duties such as maintaining records and files, preparing reports and ordering supplies and equipment.
12. Completion of electrician apprenticeship