

ELECTRICIAN, JOURNEYMAN (GSD)

NATURE OF WORK: Under general supervision, at a journeyman level, performs skilled electrical installation and maintenance of systems, equipment and fixtures in the General Services Division. Performs work in accordance with standard practices of the electrical trade. Considerable latitude is allowed in determining methods of work procedure, and work is usually assigned by a supervisor and is ordinarily checked by observation of the performance of the equipment installed, repaired, or maintained. May function as a lead worker over helpers. Some travel may be required. Performs related work as required.

EXAMPLES OF WORK PERFORMED:

Installs, repairs, and maintains electrical systems, wires, conduits, apparatus, equipment, and fixtures.

Diagnoses malfunctioning systems, equipment, and components, using test equipment and hand tools, to locate the cause of a breakdown and correct the problem.

Inspects electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair, and to ensure compliance with codes.

Reviews equipment specifications and provides recommendations on repairs, including materials, cost, and work-hour estimates.

Attends appropriate training and/or refresher courses.

Maintains records and prepares reports.

May lead other maintenance staff.

May diagnose and repair heating, ventilation, and air conditioning problems.

REQUIRED COMPETENCIES

Knowledge of methods, practices, materials, machines, and tools used in the electrical installation and repair work.

Knowledge of the occupational hazards associated with the trade.

Knowledge of the theory and principles of electricity.

Demonstrates skill in the use of tools, testing devices, and machines used in the trade.

Ability to effectively install, maintain, trace, diagnose, and repair electrical systems and equipment.

Ability to effectively read blueprints, schematic diagrams and engineering specifications.

Ability to effectively carry out technical written and oral instructions.

Ability to prepare and present clear and concise reports.

Ability to communicate effectively, orally and in writing.

Ability to maintain effective working relationships with employees, contractors, public officials and the public.

MINIMUM QUALIFICATIONS

Experience: Two years of full-time or equivalent part-time paid experience as a Journeyman Electrician.

Special Requirement: Licensed as a Journeyman Electrician.

Established: 8/17/06

Effective: 10/1/06