

ELECTRICIAN, MASTER (GSD)

NATURE OF WORK: Under general supervision, at an advanced level, performs highly skilled electrical installation and maintenance work in accordance with industry standards, guidelines and applicable codes in the General Services Division. Performs design of complex electrical work and oversight of electrical contractors. Installs, repairs, and maintains complex electrical equipment and related systems. May serve as lead worker over other electricians or other staff members. Some travel is required. Performs related work as required.

EXAMPLES OF WORK PERFORMED:

Installs, repairs, renovates and maintains low and high voltage systems, HVAC, electrical equipment and related systems.

Designs electrical circuit schematic plans and writes specifications; reads blueprints and schematic diagrams and engineering specifications.

Inspects electrical installations.

Locates and corrects power failures and short circuits.

Ensures lock-out, tag-out procedures are followed by electricians and contractors.

Ensures safety procedures are followed by electricians and contractors.

Ensures all operational checks and maintenance are accurately performed according to specifications.

Attends appropriate training and/or refresher courses.

Maintains records and prepares reports.

May serve as lead worker.

REQUIRED COMPETENCIES

Knowledge of National Electric Code, state electrical code and of the Underwriters' rules for electrical installations.

Knowledge of standard practices, materials, machines, and tools used in the installation and maintenance of electrical equipment and systems.

Knowledge of the occupational hazards associated with the trade.

Knowledge of the theory and principles of electricity.

Demonstrates exceptional 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 complex 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.

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ELECTRICIAN, MASTER (GSD) (CONT'D)

MINIMUM QUALIFICATIONS

Experience: Three years of full-time or equivalent part-time paid experience as a Master Electrician installing and maintaining commercial electrical systems.

Special Requirement: Licensed as a Master Electrician.

Established: 6/15/06

Effective: 7/1/06