

ELECTRICIAN II

NATURE AND VARIETY OF WORK

This is full performance level skilled electrical work in the installation, renovation, maintenance and repair of a variety of electrical systems, appliances and equipment. Incumbents in this class perform the full range of skilled electrical work independently or as a member of a crew. Work is reviewed for both quantity and quality of production. Incumbents may provide technical guidance to subordinate level semi-skilled and skilled electrical personnel.

EXAMPLES OF WORK (ILLUSTRATIVE ONLY)

Performs the full range of the duties and responsibilities related to electrical work.

Installs, services and repairs electrical wiring systems (interior and exterior) for power, light and communications in County buildings and structures, using a knowledge of the standard practices, methods, tools and materials of the electrical trade.

Performs preventive maintenance on tools, equipment, the electrical aspects of HVAC, plumbing, lighting and communications systems, using the methods, techniques, tools and equipment used in the maintenance, installation and repair of electrical lighting and distribution systems and other standard equipment.

Adheres to safety regulations and practices in the conduct of performing electrical work, using a knowledge of the hazards and safety precautions of the electrical trade.

Trouble shoots electrical circuits and equipment by using appropriate testing devices to locate malfunctions and make repairs.

Reviews and interprets electrical blueprints and schematic drawings for installing and repairing interior/exterior lighting systems, and electrical fixtures, receptacles, switches, circuit breakers and panels and etc., using the ability to read and interpret electrical blueprints and drawings.

Prepares daily work reports and maintains records of time and materials used to complete work, using the ability to prepare reports.

Willingly and cooperatively performs tasks and duties which may not be specifically

listed in the class specification or position description, but which are within the general occupational category and responsibility level typically associated with the employee's class of work.

REQUIRED KNOWLEDGES, SKILLS AND ABILITIES

Good knowledge of the standard practices, methods, techniques, tools and equipment used in the installation, renovation, maintenance and repair of electrical systems, appliances, and equipment.

Good knowledge of the local and national electrical codes and standards.

Good knowledge of the hazards and safety precautions involved in electrical work.

Ability to diagnose/adjust/repair defects in electrical systems and equipment.

Ability to prepare daily work reports.

Ability to read and interpret electrical blueprints and drawings.

Ability to follow oral and written instructions.

Ability to provide technical guidance to semi-skilled and skilled electrical personnel.

MINIMUM QUALIFICATIONS

Graduation from high school or an equivalent GED, supplemented by experience in a recognized apprenticeship electrical program; or an equivalent combination of education and experience.

CONDITIONS OF EMPLOYMENT

Possession of a valid drivers license.

Good physical condition.

Willingness to respond to emergency service calls on a 24-hour basis.

CREATED: 10/88