



ELECTRICIAN 1

Classification Title: 496
FLSA: Non-exempt
EEOC: 07

GENERAL STATEMENT OF DUTIES:

Performs skilled electrical and electronic installation, testing, maintenance and repair work for County buildings and equipment; performs related building maintenance work as required.

SUPERVISION RECEIVED:

Works under the supervision of the Maintenance Supervisor who assigns and outlines work projects and inspects results for compliance with departmental standards, applicable codes and regulations.

SUPERVISION EXERCISED:

Supervision of employees is not a responsibility of positions in this classification.

EXAMPLES OF DUTIES: (Duties may include, but are not limited to the following)

1. Performs skilled preventative and corrective electrical maintenance work to all equipment associated with County buildings, such as power distribution centers, HVAC operational and control systems, sprinkler systems, interior and exterior lighting, motors, electrical door systems and miscellaneous building maintenance equipment.
2. Evaluates and maintains electrical systems for adequate capacity, safety, and codes compliance.
3. Assists in maintaining records related to electrical repairs.
4. Coordinates with other maintenance personnel to evaluate electrical plant aspects to insure safety to the public and all County personnel.
5. Installs, maintains, diagnoses, and repairs various electronic equipment, such as security systems, alarm systems, CCTV, HVAC and lighting controls, etc. Diagnoses and repairs/replaces electronics down to the component level.
6. Assists other divisional personnel in skilled and semi-skilled preventive and corrective non-electrical maintenance work to County buildings and their associated equipment as required to maintain high quality service.
7. Safely operates a variety of hand and power tools and equipment in the maintenance and custody of county buildings.
8. Orders electrical and electronic supplies and tools; maintains electrical storeroom.

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9. Supports and facilitates the department's mission to provide efficient, responsive and quality services to customers and clients.
10. Provides other maintenance tasks as assigned.

RECRUITING REQUIREMENTS
KNOWLEDGE, SKILLS AND ABILITY:

Considerable knowledge of: electrical systems and the repair of heating and cooling systems found in large commercial and public buildings; safety procedures and tools used in the repair of electrical systems; electronic theory, troubleshooting, and repair fundamentals; power generation and electrical circuits.

Skill and ability to: work from written and oral instructions; read and understand electrical, electronic, and mechanical schematic diagrams; perform skilled tasks in the repair of electrical systems; use tools and test equipment to troubleshoot, repair, install, and service various types of electrical and electronic equipment; use and operate hand and mechanical tools necessary to building maintenance; develop and maintain effective and professional working relationships with other employees, tenants, the public and other agencies; operate a computer; operate a motor vehicle.

EXPERIENCE AND TRAINING:

1. Graduation from high school; AND four (4) years increasingly responsible experience performing general electrical repair work; OR
2. Any satisfactory equivalent combination of education, training and/or experience relevant to the position.

NECESSARY SPECIAL REQUIREMENTS:

1. Must possess, or obtain within 30 days of hire, a valid Class C Oregon driver's license. (May be modified under exceptional circumstances.)
2.
 - a) Must possess a valid State of Oregon General Journeyman Electrician's license; OR
 - b) Must possess a valid State of Oregon Plant Journeyman Electrician's license.
3. Must be able to distinguish color coded cables.

Adopted: ADOPTED: 10/88

Revised: ED: 6/94, 8/94, 8/95, 1/97, 3/98, 2/06