

PUBLIC WORKS ELECTRICIAN

DEFINITION

To perform under general direction electrical installation, maintenance and repair work to various Department of Public Works' electrical fixtures, equipment and systems; and to perform related duties as assigned.

CLASS CHARACTERISTICS

This is the full journey level class within the Electrician series. Employees at this level receive only occasional instruction or assistance as new or unusual situations arise and are fully aware of the operating procedures and policies of the work unit.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Lead Electrician.

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

Participates in the planning and installation of conduits, wires, cables, pull boxes, transformers, switchboards and switches required by new or existing electrical systems on County property.

Tests, locates and repairs trouble in electrical circuits and equipment; repairs and replaces defective parts in motors, generators, pumps, switchboards, switches and other fixtures and appliances.

Performs electrical maintenance work in County buildings including pulling telephone and computer cable.

Installs outdoor lighting systems on County property.

Maintains and repairs traffic signals.

Maintains adequate working stock of electrical supplies; makes estimates of material and labor costs.

Answers emergency calls

MINIMUM QUALIFICATIONS

Knowledge of:

Materials, methods, equipment and tools used in electrical work.

Occupational hazards and standard safety precautions necessary in assigned work.

Fundamentals of electricity.

Electrical applications and codes.

Ability to:

Examine and diagnose faulty electrical wiring systems.

Read and interpret blueprints and electrical diagrams.

Assist in planning projects.

Read and interpret County building codes applicable to electrical work.

Establish and maintain effective working relationships with those contacted in the course of work.

Experience and Training

Training:

Equivalent to the completion of the twelfth grade.

Experience:

Two years of journey-level electrician experience.

Special Qualifications

Possession of a State of Oregon Electrician's license.

Possession of a valid Oregon Operator's license at the time of appointment.

LANE COUNTY
Public Works Electrician (Continued)