



ELECTRICIAN I

Position Summary

The purpose of this position is to perform skilled installation, maintenance, alteration, repair, or replacement of line and low voltage electrical systems, equipment, and fixtures in District buildings and/or properties. The incumbent in this position is required to hold an Oregon General Journeyman Electrical License and possess the necessary knowledge, skill and ability to effectively perform skilled assignments allowed by the license.

Supervisory Relationships

Reports to and works under general direction and guidance of the Mechanical Division Supervisor and as assigned, may receive or provide direction and feedback to or from other district staff.

Essential Functions

1. Perform complex technical work, on a journeyman level, in the installation, operation, maintenance, modification, service and repair of electrical systems, equipment, fixtures and related electro-mechanical systems, in accordance with applicable Electrical Industry Codes.
2. Plan, oversee, and participate in the maintenance, repair, installation, and operation of the District's access control, fire alarm, HVAC controls, lighting controls, photovoltaic, security, shades, water reclamation and other low voltage systems.
3. Fire Alarm work may include periodic inspection, testing, and reporting required by regulatory agencies.
4. Research and recommend equipment and supply purchases.
5. Coordinate and oversee work with other district staff as assigned (i.e. seasonal and temporary help)
6. Inspect progress and quality of contracted work.
7. Maintains regular and prompt attendance.
8. Perform essential skilled tasks that are allowed by the general journeyman electrical license.
9. Performs other related duties as assigned.

Required Knowledge, Skills and Abilities

1. Read and understand any applicable article and section of the National Electrical Code, the Oregon Electrical Specialty Code and the Oregon Administrative Rules chapter 918.
2. Comprehensive knowledge of electrical theory and methods of electrical installation.
3. Ability to use hand and power tools and equipment as required to complete electrical work.
4. Ability to use precision test equipment to diagnose problems and check completed work.
5. Ability to read blueprints and electrical circuitry schematic diagrams.
6. Ability to perform mathematical calculations.
7. Ability to communicate with District staff to determine electrical system's needs.
8. Ability to prioritize work assignments according to severity of problem.

9. Extensive knowledge of various manufacturers and available products for electrical systems.
10. Knowledge of low voltage wiring systems and techniques.
11. Skilled in use of computer for word processing, spreadsheets, email, troubleshooting and obtaining reports from programs.
12. Skilled in written and oral communication.
13. Ability to perform fire alarm testing and to maintain and submit the records of that testing.
14. Ability to operate and perform work using aerial lift equipment.
15. Near-visual acuity, depth perception, field of vision and color vision are required in order to make electrical connections, solder and splice electrical wiring.

Minimum Qualifications

1. Possession of active State of Oregon Journeyman Electrical License.
2. Possession of valid driver license.
3. Ability to work effectively and collaboratively with diverse stakeholder populations.
4. Bilingual proficiency and/or multicultural experience strongly preferred.

Working Conditions

1. 12 month work year (July 1- June 30); eight (8) hours per day; occasional overtime may be required.
2. May be required to perform emergency repairs such as power outages and other system failures, during evening or weekend hours.
3. Work is performed in office settings, schools, industrial building areas, indoors and outdoors on various district properties and in varying weather conditions.
4. Work is subject to hazards including: proximity to moving mechanical parts, moving vehicles, electrical current, working on scaffolding and/or high places, exposure to high heat, confined space, elevations greater than 4' above adjacent surfaces and chemicals.
5. The employee is subject to atmospheric conditions. One or more of the following conditions that affect the respiratory system of the skin: fumes, odors, dust, mists, gases, or poor ventilation. Personal Protective Equipment (PPE), including respiratory protection may be required to do work in certain conditions. Use of respiratory protection PPE may require any facial hair to be compatible with equipment provided.
6. Work often requires moving heavy objects weighing between 25 to 75 pounds. The employee must be able to frequently traverse short and long distances on various types' surfaces in various weather conditions to accomplish tasks, ascending or descending ladders, stairs, scaffolding, ramps, poles and other aerial equipment.
7. Employees must be able to remain in a stationary position for prolonged periods of time and be able to position and reposition oneself in restricted spaces, including crawl spaces, narrow aisles, passage ways and small rooms.

ADDITIONAL INFORMATION	
Employee Unit	OSEA Classified
Pay Grade	Grade 15 - 12 Month Work Calendar
Approved by	Cydney Vandercar Asst. Superintendent for Administrative Services
Last revised	May 3, 2019