



UNION JOB DESCRIPTION

TITLE: Substation Equipment Operator

DEFINITION:

Under the direction of the Manager, Substation Construction & Operations, Wireman Foreman, or Wireman, the Substation Equipment Operator operates District trucks and machinery.

DISTINGUISHING CHARACTERISTICS:

This position is responsible for the operation of heavy equipment within the Substation department, which includes trailers requiring tanker and hazardous materials endorsements. This position operates backhoes in energized substations, requiring precision and hazard awareness. There are two levels for Substation Equipment Operator depending on experience and qualifications. Movement to level II is contingent upon meeting all required qualifications.

BASIC RESPONSIBILITIES – LEVEL I:

1. Operates District equipment, including backhoe, trucks, trailers, cranes, jackhammers, compactors, aerial lifts, booms and generators.
2. Transports equipment and materials by driving truck with or without trailer to desired destination, observing laws and safety precautions.
3. Loads and unloads tools, material and equipment used in the maintenance and construction of stations and substations.
4. Assists Wireman with the installation and removal of station and substation material and equipment.
5. Prepares stock issue and return forms and accounting for material used, as well as daily mileage record for trucks and trailers.
6. Ensures a safe and neat working area.
7. Minimizes damage to District and private property during Substation construction.
8. Performs duties of Substation Helper classification as directed by the Foreman or Wireman.
9. Performs repair, painting and maintenance work on de-energized distribution transformers, reclosers, regulators and sectionalizers when assigned to work in the transformer shop.
10. Performs other related duties as assigned.

BASIC RESPONSIBILITIES – LEVEL II:

1. All responsibilities listed above for level one, plus:
2. Operates trackhoes, cranes, pavement rollers, digger derrick, vector equipment, and bulldozers.

MINIMUM QUALIFICATIONS – LEVEL I:

Knowledge of:

- All types and makes of trucking equipment.
- Materials used in substation construction.
- WAC Electrical Safety Rules, Chapter 296-45 WAC.
- First Aid and CPR methods.

MINIMUM QUALIFICATIONS – LEVEL I: (continued)

Ability to:

- Communicate and work effectively with all levels of the organization, other utilities and customers.
- Communicate effectively both orally and in writing.
- Apply First Aid and CPR methods as needed.
- Learn and apply the District's Safety Rules, Collective Bargaining Agreement, policies, procedures and directives.
- Apply WAC Electrical Safety Rules, Chapter 296-45 WAC.
- Learn and apply Collective Bargaining Agreement,
- Learn and apply District Substation Construction and Maintenance Standard Practices.
- Use tools of the trade.
- Operate all types of District equipment including:
 - a. Backhoe
 - b. Hole digger
 - c. Power winches
 - d. Booms
 - e. Cranes
 - f. Aerial lift
 - g. Oil tankers/trailers
 - h. Jackhammer
 - i. Compactor

Education/Experience:

- Experience as a Wireman Helper, Line Helper or its equivalent and have some comprehension of electricity as applied to station and substation maintenance and construction.
- Must be familiar with District Safety, First Aid and CPR Methods.
- High School diploma or equivalent.

License or Certification:

- Must successfully pass Substation Department qualification tests on identified equipment and vehicles (boom truck and backhoe).
- Possess a valid Washington State Commercial Drivers License (Class A).
- Within 60 days of hire, obtain license endorsements for tankers and hazardous materials.
- Obtain a valid First Aid certificate within 3 months from job start date.
- Obtain a valid CPR certificate within 3 months from job start date.

MINIMUM QUALIFICATIONS – LEVEL II:

All qualifications listed above for level one, plus:

- License endorsement for tankers and hazardous materials.
- Successfully pass the District qualification test for trackhoe and bulldozer operation.
- Successfully pass the District qualification test for vector truck operation.
- Successfully pass the District Substation Access qualification test.
- Certified crane operator.
- Asbestos class II certification.
- Five years' experience as Substation Equipment Operator level one or equivalent.

WORKING CONDITIONS:

- Work is generally performed both in the shop and in the field and in all types of weather conditions.
- Employees risk physical hazard from energized equipment, hazardous materials and equipment and machinery.
- Must be able to lift and carry heavy equipment and materials in excess of 65 lbs.
- Must be able to perform rescue operations, including structure and vault rescue.
- Must be able to work long hours when storm conditions dictate.
- Required to respond to emergency call-outs.