



UNION JOB DESCRIPTION

TITLE: Line Apprentice

DEFINITION:

Works as a member of a crew assisting in the installation, repair, maintenance and removal of electrical line equipment of the District's transmission and distribution systems, energized or de-energized, located both underground and overhead in accordance with safety and construction standards and regulations. Attends formal classes to supplement on-the-job-training. The Line Apprentice reports to and is under the direction of a Line Foreman, Construction Superintendent or Manager, Distribution Services. The Line Apprentice also takes instruction and work direction from assigned Journeymen Linemen.

DISTINGUISHING CHARACTERISTICS:

This is a minimum 7000-hour, 3.5-year apprenticeship program approved by the Joint Apprentice Training Committee (JATC). Apprentices will receive and must attend a minimum of 144 hours of related/supplemental instruction on non-paid status per year. This is a progressive position with time requirements and with more responsibility assigned as experience is gained. Steps 1-3 will include work around, but not on, high voltage; at Steps 4-7, the Line Apprentice will learn and apply high voltage techniques. The JATC determines if the incumbent may progress to the next step, based on satisfactory job performance, classroom progress, step tests, final examination at IBEW Local #77, and evaluations and recommendation by the Line Sub-Committee. Per CBA 7.9.2: A seventh period Line Apprentice may, for relief only, take the place of a Journeyman Lineman, if qualified and by the Joint Apprenticeship Training Committee's (JATC) approval, and shall be paid Journeyman Lineman's rate of pay only while working as a Journeyman.

FIRST SIX (6) MONTHS (Step 1 – First 1000 hours):

ESSENTIAL JOB FUNCTIONS:

1. As outlined in the Line Apprentice program, this not less than 6-month, minimum 1000-hour step will provide the opportunity to learn, apply, and demonstrate competence in the following skills:
 - Attend and complete District core classes, acquiring required employment skills
 - Attend and complete required District Line related training acquiring the following: First Aid/CPR Card, Flaggers Certification, and Defensive Driving Training card
 - Introduction and review of Safety procedures and rules, including WAC 296-24, 296-45, 296-54, 296-62, and 296-155 (Electrical Workers Safety Rules), and the District Accident Prevention Manual
 - Housekeeping, vehicle loading/unloading, and clean-up
 - Safety devices used in the trade
 - Climbing Techniques
 - Fueling Procedures
 - Handline Operation
 - Hardware Assembly
 - Connectors
 - Equipment Familiarization
 - Tools and Equipment of the Trade
 - Rigging
 - Pole Setting/Framing
 - System Operations
 - Wire Types and Sizes

SECOND SIX (6) MONTHS (Step 2 – Next 1000 hours):

ESSENTIAL JOB FUNCTIONS:

2. As outlined in the Line Apprentice program, this not less than 6-month, minimum 1000-hour step will provide the opportunity to learn, apply and demonstrate competence in the following skills:
 - Attend and complete required District Line related training acquiring a Washington State Commercial Driver's License (CDL) Class A
 - Familiarity with Toolroom and Tree Trimming duties
 - Rigging Plant Removal (wrecking out/salvage work)
 - Begin limited exposure to working on hot secondary
 - District related recordkeeping procedures (such as: work sketches, stock issues, pole issues, etc.)
 - Safety
 - Climbing
 - Service Meters
 - De-energized Circuit Work
 - System Operations
 - Pole Setting/Framing
 - Hardware Assembly
 - Guying

THIRD SIX (6) MONTHS (Step 3 – Next 1000 hours):

ESSENTIAL JOB FUNCTIONS:

3. As outlined in the Line Apprentice program, this not less than 6-month, minimum 1000-hour step will provide the opportunity to learn, apply, and demonstrate competence in the following skills:
 - Equipment related to line work (manlift, boom trucks, digger/derrick, etc.)
 - Safety
 - Climbing
 - Hot Line Tools
 - Work on Energized Secondaries
 - System Operations
 - Transformer Hookups
 - Pole Setting/Framing
 - De-energized Transmission
 - Conductors
 - Rigging

FOURTH SIX (6) MONTHS (Step 4 – Next 1000 hours):

ESSENTIAL JOB FUNCTIONS:

4. As outlined in the Line Apprentice program, this not less than 6-month, minimum 1000-hour step will provide the opportunity to learn, apply and demonstrate competence in the following skills:
 - Begin Work on Single Phase Energized Primary
 - Safety
 - Transformer Banks
 - Meter Base Testing
 - Hot Secondaries
 - Standards
 - Hot Line Tools
 - Cold Distribution
 - System Operations
 - De-energized Transmission

FIFTH SIX (6) MONTHS (Step 5 – Next 1000 hours):

ESSENTIAL JOB FUNCTIONS:

5. As outlined in the Line Apprentice program, this not less than 6-month, minimum 1000-hour step will provide the opportunity to learn, apply and demonstrate competence in the following skills:

- Safety
- Work on All Energized Circuits
- Wire Pulling Equipment
- Test Equipment
- Pole Setting/Framing
- Hotsticking
- Transformers
- System Operations
- Work Orders/Job Prints

SIXTH SIX (6) MONTHS (Step 6 – Next 1000 hours):

ESSENTIAL JOB FUNCTIONS:

6. As outlined in the Line Apprentice program, this not less than 6-month, minimum 1000-hour step will provide the opportunity to learn, apply and demonstrate competence in the following skills:

- Safety
- Work on All Energized Circuits
- Wire Pulling Equipment
- Metering
- Transformers
- Job Layout
- System Operations
- Work Orders/Job Prints

SEVENTH SIX (6) MONTHS (Step 7 – Next 1000 hours):

ESSENTIAL JOB FUNCTIONS:

7. As outlined in the Line Apprentice program, this not less than 6-month, minimum 1000-hour step will provide the opportunity to learn, apply and demonstrate competence in the following skills:

- Safety
- Work on All Energized Circuits
- Wire Pulling Equipment
- Transformers
- Job Layout
- System Operations

UNDERGROUND (Steps 1 - 3 – Within the first 3000 Hours/18 months):

ESSENTIAL JOB FUNCTIONS:

8. As outlined in the Line Apprentice program, during steps 1 through 3, the Apprentice will be provided the opportunity to learn, apply and demonstrate competence in the following underground skills:

- Safety
- Tool identification and use
- Wire Types/Sizes
- Equipment Familiarization
- Excavating
- Vaults
- Conduit Installation
- Cable Installation
- Hardware Assembly
- Grounding
- Service
- Knots
- Terminations
- Hot Line Tools

- Print Reading

UNDERGROUND (Steps 4 - 7 – Within the last 4000 Hours/24 months):

ESSENTIAL JOB FUNCTIONS:

9. As outlined in the Line Apprentice program, during steps 4 through 7, the Apprentice will be provided the opportunity to learn, apply and demonstrate competence in the following underground skills:

- Safety
- Underground Switching Procedures
- Padmount Transformers
- Vaults
- Terminal Poles
- Padmount Switchgear
- Print Reading
- Maintenance Grounding
- Test Equipment

MINIMUM QUALIFICATIONS:

Ability to:

- Interact with customers, the general public, and District employees as necessary to complete assignments.

License or Certification:

- Valid Driver's License
- Ability to obtain a valid Washington State Driver's License within thirty (30) days of job start date

Education/Experience:

- High School Diploma or Equivalent.

Age:

- Applicants for apprenticeship shall be at least 18-years-old.

SELECTION PROCESS:

Successful completion of such selection tests as approved by the JATC large committee and administered by the District.

WORKING CONDITIONS:

- Work is performed primarily in an outdoor environment.
- Subject to varying weather conditions during daylight and hours of darkness and a wide variety of environmental factors.
- Employees risk physical hazard from energized equipment and circuits.
- Must be able to lift, carry, and move heavy equipment and materials in excess of 65 pounds.
- Ability to climb poles and work at heights up to and in excess of 100 feet.
- Work requires lifting, climbing, hoisting, pulling occasional prolonged physical exertion.
- Must be able to stand, bend, reach, push, pull, stoop and climb for extended periods of times.
- Works with personal protective equipment including hearing and eye protection.
- Must be able to perform rescue operations, including Pole Top and Vault Rescue.
- Must be able to work long hours as storm conditions dictate.
- Subject to 24-hour call-out for emergency conditions.