



SPRINGFIELD UTILITY BOARD

Job Description

TITLE: Water Heavy Equipment Operator

STATUS: Non-exempt / Union - IBEW

REPORTS TO: Water Foreman, Water Working Foreman,
and Water Superintendent

RANGE: Contract

POSITION SUMMARY: The Heavy Equipment Operator (HEO) is qualified to operate all Water Division equipment and who possesses the knowledge, skills and ability to construct and maintain SUB's water system. A HEO may be required to operate specialty equipment such as a directional drilling machine. A HEO demonstrates competency in the following areas: operate equipment efficiently and in a safe manner; basic knowledge of construction and trenching practices; loading of trucks; backfilling and leveling of trenches; unloading of pipe and other water materials; and mechanical and hydraulic aptitude for daily construction, maintenance and minor repairs. A team player who works harmoniously, efficiently and safely with office staff and field crew employees. Performs other duties as assigned.

MAJOR RESPONSIBILITIES

Essential Functions

1. Supports and models behavior to promote the mission and core values of SUB to other employees and customers.
2. Develops and maintains professionalism and effective teamwork in the performance of job duties.
3. Maintains reliable and predictable attendance.
4. Safely and efficiently operates all water division equipment.
5. Complies with all safety rules and regulations in operating equipment.
6. Demonstrates competency, skill and knowledge in operating equipment in the performance of underground water line construction, water system maintenance and other underground utility construction under the direction of assigned supervisor and/or foreman.
7. Safely and efficiently operates equipment to load and/or unload materials which include warehouse and/or job site locations.
8. Demonstrates competency, skill and knowledge to safely and efficiently operate all equipment in all types of weather, traffic and job site construction conditions.
9. Responsible for the overall condition and housekeeping of all vehicles, equipment and tools provided by SUB in the performance of company work. Uses work methods and procedures that will maintain good working condition of all equipment used.

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10. Provides daily checks on vehicles and/or equipment and reports worn parts and repairs needed in a timely manner. Works with the fleet maintenance personnel to ensure that proper repair and service is performed in a timely manner.
11. Responds within 30-minutes to after-hour calls with little or no supervision.
12. Maintains a valid Oregon CDL Class A driver's license and good driving and safety record.
13. Maintains current certification for a Water Distribution Level I from the State of Oregon.

Marginal Functions

14. Provides assistance and knowledge in trenches during construction and maintenance projects.

Given the dynamic and challenging environment of the utility industry and our mission to provide exceptional service to our internal and external customers, additional duties and responsibilities, other than those listed in this job description, may be assigned (contingent on labor agreement provisions, if applicable). Your supervisor will communicate these changes either formally or informally, verbally or in writing.

Attributes

SUB strives to promote a safe, positive and caring work environment. In addition to the above responsibilities, the following attributes are essential to be a successful employee at SUB:

- Being committed to SUB's Mission and Core Values
- Complying with safety practices and policies
- Being professional, honest, courteous and respectful to others in your conduct
- Being responsive to suggestions to improve performance
- Being flexible to adapt to a changing work environment
- Performing as a productive team member
- Being accountable for your own performance, behaviors and contributions
- Taking the initiative to accomplish your responsibilities to the best of your ability

These qualities in our employees ensure that working at SUB is motivating, fun and enjoyable while performing a valuable service to our utility and community.

OTHERS SUPERVISED

- None

MINIMUM QUALIFICATIONS

Experience

- A minimum of three years of experience and demonstrated skills to operate backhoes, loaders of various sizes, boom trucks, tandem axle trucks, track excavators, crawler tractors and other miscellaneous tools and heavy equipment

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Knowledge, Skills & Abilities

- Demonstrated proficiency to operate and knowledge of the safety rules for the efficient operation of: backhoes, loaders of various sizes, boom trucks, tandem axle trucks, track excavators, crawler tractors and other miscellaneous tools and heavy equipment used in the construction and maintenance of water transmission and distribution systems
- Ability to learn how to operate specialty equipment, such as, the directional drilling machine and others as needed
- Care and maintenance of equipment and tools
- Ability to work with others in a productive and efficient manner
- Represent SUB in a manner conducive to good public relations

Education/Certificates

- Must possess and maintain a current Water Distribution Level I Certificate from the State of Oregon
- Must possess and maintain and OSHA-approved Articulating Boom Crane with Winch (ABW) Certification for SUB's Equipment
- High school diploma or equivalent

PHYSICAL AND MENTAL REQUIREMENTS

- **ALERTNESS & CONCENTRATION:** Maintains full alertness and concentration at all times in inclement climatic conditions, and at night while (1) driving heavy equipment, (2) working in trenches/excavations, and (3) driving and working around moderate to heavy traffic.
- **ABILITY TO DEAL WITH STRESS:** Makes decisions quickly and calmly when working in trenches, near equipment, and operating heavy equipment such as heavy large truck (54,000 lbs.) and trailer (48,000 lbs.). Thinks and reacts quickly if accidents occur. Interacts well with co-workers.
- **VISION:**
 - Far visual acuity:** Sees adequately to drive a vehicle.
 - Near visual acuity:** Reads small print on maps, plans, labels, reports, numerous other written documents and computer screens.
 - Peripheral vision/depth perception:** Maintains full field of vision in all directions to assess proximity to construction hazards, holes, traffic, co-workers, movements of equipment, or objects falling from above.
 - Color vision:** Judges red, green and yellow traffic lights adequately to drive on highways.
 - Night vision:** Maintains the visual abilities listed above when working at night and in poor light and inclement weather conditions.

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- **HEARING:** Hears spoken conversation well while working in trenches and communicating with a co-worker, despite heavy background noise from traffic, construction equipment, rain or wind, and when visual signals cannot be used. Hears accurately the high-pitched back-up horns or equipment. Hears adequately to operate a two-way radio.
- **SPEECH:** Speaks loudly and clearly enough to be accurately understood when in trench and speaking to a co-worker, or when up to 100 feet away from a co-worker despite heavy background noise from traffic, construction equipment or wind, and when visual signals cannot be used. Speaks clearly communicating by two-way radio.
- **STANDING:** The worker stands on the job or in the trench, usually a minimum of 15 minutes at one time, up to four (4) hours. The worker may actually be on his/her feet four (4) hours at one time, but maneuvers around the work site at intervals. Total standing time is 0 percent to 100 percent of the average shift.
- **SITTING:** Worker sits on a variety of vehicle and equipment seat types up to an entire eight-hour shift.
- **WORKER MOBILITY:** Can change positions frequently, in and out of heavy equipment, holes/trenches, using ladders and not using ladders. Uses hand tools (shovels, etc.), machinery and heavy equipment which requires bending and/or twisting and/or lifting. Often times on knees and bent over working on water materials. Must be able to operate manual transmission.
- **WALKING:** Rarely walks one to two miles at a time on uneven ground. More common maximum distance walked is 1/8 to 1/4 miles. Total walking per shift is 0-30 percent. Walking occurs in slippery conditions, in mud, on rock, on equipment, and on uneven ground.
- **LIFTING/CARRYING:** 0-10 lbs.--continuous; 11-20 lbs.--frequently; 21-50 lbs.--frequently; 51-75 lbs.--occasionally; 75-100 lbs.--occasionally. Work involves occasional use of shovel loaded with dirt, rock, concrete or asphalt. Must lift the shovel from trench or hole. Lift jack hammer and associated equipment (60 lbs.) from trailer and operate, includes lifting off pavement to trailer. Lift concrete meter boxes (40 lbs.) and other water materials (up to 100 lbs.) occasionally. Uses compaction equipment (120 lbs.) that needs to be lifted out of holes and is controlled by manual directions.
- **PUSHING/PULLING:** Pushing/pulling using a rake, shoveling dirt and rock and pulling out materials and equipment from trucks. Pushing /pulling is often done while bent over in a trench for up to two hours at a time, four times a day. Starts gasoline powered equipment with hand start.
- **REACHING/HANDLING:** While in a hole/trench, worker occasionally works at full extent of his/her reach and leans back while using tools, often standing on one leg and in awkward positions. May be required to maneuver a power saw in a bent-over position. Grips and firmly holds hand tools and equipment for several minutes at a time, often at arms length. Threads nuts and washers on pipe fittings. Uses tools wearing gloves. Gives hand signals when directing other people. Writes information and draws diagrams. Uses jack hammers, chain saws, electrical drills, and hydraulic tamps.

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- **TWISTING:** Rotates head fully to both sides to observe equipment and co-workers while maintaining body in awkward position. Some twisting is required when lifting items or handing items to fellow workers. Often works in awkward positions when in hole/trench.
- **CLIMBING:** Climbs in and out of trenches/holes with tools and equipment. Climbs into manholes and into underground vaults. Climbs hills and walks over uneven ground while carrying equipment. Climbs in and out of truck cab, dump bed, and other heavy equipment.
- **CRAWLING:** Not usually required.
- **ENVIRONMENTAL FACTORS:** Performs a variety of strenuous tasks outside with temperatures varying from below zero to over 100 degrees, sometimes in rainy, windy, snowy or icy conditions. Works around high-voltage wires and other underground utilities. Exposed to noise from traffic construction, heavy equipment near construction sites, jack hammers, power saws, and tamps up to six hours per day. Hearing protection is provided. Works in confined spaces, such as underground vaults requiring entry through a manhole. Works in trenches of various depths and widths. Works inside shoring when required.

Exposed to chemicals (primarily through skin contact or inhaling) used to glue pipe and disinfect pipe often in the ditch. Exposed to numerous types of pollen, depending on location, season or climatic conditions. Bee/wasp stings, animal bites or poison oak may also occur. Exposed to some petroleum products used for maintenance of trucks and trailer.

- **PRODUCTS AND MATERIALS:** Lumber, bolts, plastic and metal pipe/fittings.
- **MACHINES/TOOLS/EQUIPMENT:** Power tools, hand tools, jack hammers, chain saws, hydraulic tampers, heavy trucks and trailers.

Revised: December 5, 2018