



City of Newburyport
Department of Public Services
Water Division
AFSCME Union
Heavy Equipment Operator (D2)
Grade 12
Job Description

Position Purpose:

The purpose of this position is to be responsible for the safe and efficient operation of light and heavy vehicles and heavy equipment on assign projects or activities of water distribution construction and installation which may entail installation of water pipes and related systems; installation of water meters; maintenance and inspection of water distribution system; road and sidewalk reconstruction; assistance with highway or sewer construction as needed. An individual in this position is also expected to perform many different types of maintenance and repair work and manual labor in addition to driving CDL vehicles and operating heavy equipment. A Water Heavy Equipment Operator is responsible for maintaining and improving upon the efficiency and effectiveness of all areas under his/her direction and control.

Supervision:

Supervision Scope: Performs varied and responsible duties requiring a knowledge of department standard operating procedures and the exercise of judgment and initiative to accomplish competent service delivery; works independently and in combination with others.

Supervision Received: Works under the general direction of the Water Distribution Systems Manager, the Water Foreman, the Deputy Director of the Department of Public Services, or the Director of the Department of public Services; follows established department general and special orders, rules, regulations, policies and procedures.

Supervision Given: None

Job Environment:

Work is performed at residences or businesses and field locations including traffic; usually noise levels are loud. Position entails driving and may be subject to exposure to hazardous

substances or materials; working near mechanical moving parts; may work in high precarious places. Work is performed inside and out-of-doors in all weather conditions.

Requires the operation of light and heavy trucks and heavy equipment including but not limited to: backhoe, front-end loader, roller, tap machine, pipe cutting saw, compressor and CDL vehicles. Requires the operation of all tolls associated with water construction. Also requires the operation of hand tools, power tools, and jackhammers.

Makes occasional contact with the general public to handle resident's questions onsite. Most contacts are with fellow employees in the department or other city departments or various building contractors and utility personnel. Communication is frequently in person or by telephone.

Essential Functions:

(The essential functions or duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.)

- Operates heavy equipment for various water installation, construction and maintenance projects.
- Installation, repair and maintenance of water distribution systems including; water lines, pipes, valves, hydrants, meters, etc
- Inspects and maintains and locates water distributions systems including water lines, pipes, connections to homes, valves, hydrants, meters, etc
- Disinfect, clean and pressure test water lines as necessary
- Performs other manual and machine assisted maintenance, reconstruction work of roads and sidewalks after installation or repair of water distribution systems.
- May assist with plowing snow and spreading sand and salt on roads, sidewalks, parking lots, steps, etc.
- Digs and moves materials with hand tools, wheelbarrows and hand trucks. Loads and unloads heavy materials from vehicles. Assists with stocking operations. Uses heavy equipment to move large items.
- Assists in the construction of highway or sewer projects as needed
- Performs other heavy laboring and various unskilled and semi-skilled tasks essential to water utility operations using a wide variety of power, pneumatic and hand tools.
- Assists with preparing, maintaining and performing job site and work safety practices.
- Is subject to call out to respond to emergencies after normal working hours.
- Operates and checks vehicles, attachments and tools for correct fluid levels, pressures and general operating condition. Services, maintains, clean and washes vehicles and equipment.
- Mandatory call crew.

Other Functions:

- May operate Trailer if have class A license
- Performs labor-intensive jobs as needed.
- Performs related work as required

Minimum Required Qualifications:

Education, Training and Experience:

Must have a High School Diploma or GED with 3 years of construction, heavy vehicle driving and heavy equipment operation experience; or any equivalent combination of education, experience and training. All employment offers are conditional upon passing a reference and Criminal Offender Record Information (CORI) check

Special Requirements:

Must have and maintain: Commercial Drivers License (CDL) Class B with airbrakes endorsement. Must possess a Hoisting Engineer License – 2B. Must have and maintain Water Distribution License D2 through appropriate CEU classes. If an employee starts in this position without a D2 License, he or she has up to one year to obtain the license. Must submit to CDL Drug testing regulations.

Knowledge, Ability and Skill:

Knowledge: Thorough knowledge of the safe practices of driving heavy vehicles and heavy equipment; working knowledge of pipe laying constructions; working knowledge of road and/or water distribution construction; knowledge of proper tools to use for different water installation, maintenance, or construction jobs.

Ability: Ability to follow written and oral instructions; ability of work as a team with others to accomplish a project; ability to read and follow safety procedures; ability to work for long hours and perform physical labor is necessary.

Skill: Skill in using CDL vehicles, heavy equipment, water construction/maintenance equipment and various power tools and hand tools.

Errors and Omissions:

Errors could result in injury to other employees, damage to buildings or equipment, liability from personal property damage and delay in service or the cost to rework a water project.

Physical and Mental Requirements:

While performing the functions of this job, the employee is required to sit, stand, walk and listen for extended periods; may come in contact with toxic or caustic chemicals and risk of electrical shock; is frequently required to talk; uses hands to finger, handle, or feel objects, tools, or controls; reaches with hands and arms; kneels and bends to work on equipment or

projects; employee must be able to access all levels of a construction site and traverse uneven terrain; specific vision abilities required include close and distance vision, peripheral and depth perception and the ability to adjust focus; ability to operate a vehicle and equipment accurately and efficiently; ability to frequently lift up to 75 lbs and occasionally lift up to 100 lbs; must be able to hear normal sounds, distinguish sound as voice patterns or vehicle sounds and communicate through human speech.

(This job description does not constitute an employment agreement between the employer and employee. It is used as a guide for personnel actions and is subject to change by mutual agreement between the Union and the employer as the needs of the employer and requirements of the job change.)