

CITY OF CEDAR RAPIDS POSITION PROFILE	JOB CODE #/TITLE: AF174 Water Systems Equipment Operator
POSITION #/TITLE: 0547, 2228 Water Systems Equipment Operator	Adopted: 11-11 Revised: 03-16

POSITION DESCRIPTION

Dept /Division: Utilities/Water	Manager Level: Non-Manager
Salary Plan/Description: AFS/AFSCME	Salary Grade: 28
Reports To Position #/Job Code #/JC Title: 0010/NB295/Water Distribution System Supervisor	Dotted-line Reports To Position #/Job Code #/JC Title:
FLSA Status: Non-Exempt	City Overtime Status (Employee Type): Non-Exempt (Exception Hourly)
Physical Demand Rating: Heavy	Work Environment: Uncontrolled
Pre-employment Testing: Drug and health screening after contingent offer.	Position Testing: Physical Qualifications, Knowledge Test, Heavy Equipment Operator's Skill Test.
Personal Protective Equipment: Eye, Face, Hand, Head, Foot, Hearing, Protective Clothing, Trench Protection, Fall Protection, Gas Monitor, Welding PPE	

General Statement of Duties

Operates a variety of construction equipment used in the installation, maintenance and repair of grounds and pipelines. Provides lead work in the absence of the lead operator.

Distinguishing Features of the Class

Works under general supervision; work is largely prescribed and routinized through assignments but considerable independence may be given to experienced workers in this class.

Examples of Essential Work (Illustrative Only)

Repairs damage caused by construction and maintenance activities;
Operates light and heavy equipment in the installation, maintenance, and repair of valves, hydrants, water mains, service lines and related structures;
Operates light and heavy equipment to build roads, dikes, and to grade and level ground;
Services and maintains light and heavy equipment;
Assumes lead responsibility for work crews in absence of the Lead Water System Equipment Operator;
Performs competent person duties in trenching and excavation activities;
Drives and unloads trucks;
Performs emergency and routine work as necessary during time periods outside normal working hours;
Follows sound safety practices;
Wears and properly uses all safety equipment including personal protective;
Unloads pipe and fittings;
Provides labor and uses hand tools as required;
Uses specialized equipment to locate leaks, pipelines, and other components in the distribution system;
Performs all work duties and activities in accordance with City policies, procedures and safety practices;
Attends work regularly at the designated place and time;
Supports continuous process improvement initiatives;
Performs related work as required.

Required Knowledge and Abilities

Knowledge of local and state laws and regulations regarding the operation of heavy equipment;
Knowledge and skill in the construction, maintenance, and repair of a water distribution system and its components;
Knowledge of safety standards and practices, including OSHA permit required confined space entry protocol, respiratory protection standards, SCBA, right-to-know law, trenching and excavating, CPR and First Aid;
Knowledge of and ability in using permit-required protocol for confined space entry and gas detection equipment
Detailed knowledge of the Distribution Operations, record keeping, interpretation of maps, blue prints, engineering plans and specifications, and math calculations as they apply to related work;
Skill in the use of tools including personal protective equipment; gas detectors; self-contained breathing apparatus; air, hydraulic, and electric tools; hand tools; air compressor; pumps; trucks; and other tools necessary to complete work in the maintenance, installation and repair of a water distribution system and its components;
Skill in the proper and safe operation, servicing, and maintenance of heavy equipment; Ability to organize and provide effective direction, and leadership to work crews;
Ability to read, write, and understand the specialized vocabulary of a water distribution system.
Ability to work cooperatively and to maintain effective working relationships to accomplish job responsibilities;
Ability to quickly learn and put to use new skills and knowledge brought about by rapidly changing information and/or technology;
Ability to develop and use empathetic listening skill, communicate with clarity and maintain an attitude that conveys respect, assistance, honesty and resourcefulness;
Ability to handle customer information with tact and discretion;
Ingenuity and inventiveness in the performance of assigned tasks.

Acceptable Experience and Training

One year experience in operating heavy equipment and maintenance or operation of a water distribution system; or
Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the work.

Required Special Qualifications

Valid Iowa Commercial Driver's License (Class A) with appropriate endorsements and valid Medical Examiners Certificate.
State of Iowa Water Distribution Grade II Certificate and pass internal proficiency examination.
Certificate as a "trained competent person" (as applied to trenching/shoring OSHA standards).

Essential Physical Abilities

Requires the following, with or without reasonable accommodation:
Clarity of speech and hearing which permits the employee to communicate effectively;
Sufficient vision which permits the employee to operate equipment and tools;
Sufficient manual dexterity which permits the employee to operate equipment;
Sufficient mobility and physical reflexes which permits the employee to operate heavy equipment in a safe and productive manner.
Sufficient physical abilities which permits the employee to wear and use personal protective equipment.