



Utilities Maintenance Specialist 2

Category: Classified
Pay Grade: C17
Job Code: 17160

To perform this job successfully, an individual must be able to perform the essential job functions satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the primary job functions herein described. Since every duty associated with this position may not be described herein, employees may be required to perform duties not specifically spelled out in the job description, but which may be reasonably considered to be incidental in the performing of their duties just as though they were actually written out in this job description.

JOB SUMMARY

Performs skilled work involving the construction, maintenance, and repair of equipment, lines or devices in the public utilities systems; performs routine and preventive maintenance on a variety of utilities systems and devices; trains, leads, and supervises skilled and semi-skilled employees in accordance with established procedures that require the incumbent to apply initiative and independent judgment; performs the full range of tasks and assignments associated with the utilities field maintenance support occupation and promotion to a higher level is competitive.

ESSENTIAL JOB FUNCTIONS (examples, not all inclusive)

- Supervises small to medium sized crews or independently monitors contractor construction projects or the repairs of facilities;
- Installs, maintains, repairs, and rebuilds utilities treatment and distribution system pumps, meters, and motors, performs equipment calibration, alignment, and lubrication, and welds and performs other metal fabrication tasks to alter and improve equipment operation;
- Diagnoses and corrects routine and emergency equipment malfunctions or failures;
- Dispatches radio calls and answers telephone calls;
- Monitors preventive maintenance on electrical and mechanical utilities equipment;
- Installs, maintains, and repairs water chlorination systems, chemical feed pumps, and telemeter equipment;
- Operates light to heavy construction equipment;
- Directs and visually inspects sewer lines and flashing utilizing a CCTV system and maintains reliability of television broadcasting and receiving equipment;
- Inspects cross-connection controls, installs, evaluates, and repairs backflow prevention and other devices and equipment;
- Ensures adequate inventory of backflow prevention devices;
- Maintains, tests, changes, and repairs fire suppression sprinkler systems and acts as fire alarm system board operator;
- Relieves sewer line stoppages;
- Locates and repairs manholes and hydrants;
- Responds to phone calls and emails;
- Performs other related job duties as assigned.

QUALIFICATIONS

Education and Experience:

High school graduate and three (3) years of skilled utilities field experience; or an equivalent combination of education, training, and/or experience.

Special Qualifications (May be required depending on area of assignment):

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Candidate may be required to perform manual labor for extended periods occasionally in adverse weather conditions.
- Depending upon area of assignment, possession and maintenance of current FWPCOA "C" certification may be required.
- Incumbent to obtain and retain other utilities related Florida certifications.
- Other knowledge, skills, abilities, and credentials required for a specific position.

Knowledge, Skills and Abilities:

- Knowledge of standard methods, practices, materials, tools, and equipment used in telemetry systems, utilities maintenance, and repair work;
- Knowledge of standard methods, procedures, and equipment used in water pumping and treatment;
- Knowledge and ability to use and maintain hand and power tools and related equipment;
- Knowledge and ability to use gauges and flow meters and read and interpret pressure charts, plans, and technical data;
- Ability to work from blueprints and rough sketches and calculate simple time and material estimates;
- Ability to establish and maintain effective working relationships with other employees, supervisors, and others;
- Ability to recognize occupational hazards and implement appropriate safety precautions;
- Ability to use small office equipment, computers, and highly technical computer applications;
- Ability to use or repair small, medium, and heavy equipment and machinery.

PHYSICAL/MENTAL DEMANDS

The work is very heavy work which requires exerting in excess of 100 pounds of force occasionally and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects. Additionally, the following physical abilities are required:

- **Balancing:** Maintaining body equilibrium to prevent falling while walking, standing or crouching on narrow, slippery, or erratically moving surfaces. The amount of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.
- **Climbing:** Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized.
- **Crawling:** Moving about on hands and knees or hands and feet.
- **Crouching:** Bending the body downward and forward by bending leg and spine.
- **Feeling:** Perceiving attributes of objects, such as size, shape, temperature or texture by touching with skin, particularly that of fingertips.
- **Fingering:** Picking, pinching, typing, or otherwise working, primarily with fingers rather than with the whole hand as in handling.
- **Grasping:** Applying pressure to an object with the fingers and palm.
- **Handling:** Picking, holding, or otherwise working, primarily with the whole hand.
- **Kneeling:** Bending legs at knee to come to a rest on knee or knees.
- **Lifting:** Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. Occurs to a considerable degree and requires substantial use of upper extremities and back muscles.
- **Pulling:** Using upper extremities to exert force in order to draw, haul or tug objects in a sustained motion.
- **Pushing:** Using upper extremities to press against something with steady force in order to thrust forward, downward or outward.
- **Reaching:** Extending hand(s) and arm(s) in any direction.
- **Visual ability:** sufficient to effectively operate office equipment including copier, computer, etc.; and to read and write reports, correspondence, instructions, etc.
- **Hearing ability:** sufficient to hold a conversation with other individuals both in person and over a telephone; and to hear recording on transcription device.

- Speaking ability: sufficient to communicate effectively with other individuals in person and over a telephone.
- Mental Acuity: Ability to make rational decisions through sound logic and deductive processes.
- Talking: Expressing or exchanging ideas by means of the spoken word including those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.
- Repetitive Motion: Substantial movements (motions) of the wrist, hands, and/or fingers.
- Standing: Particularly for sustained periods of time.
- Stooping: Bending body downward and forward by bending spine at the waist. Occurs to a considerable degree and requires full motion of the lower extremities and back muscles.
- Walking: Moving about on foot to accomplish tasks, particularly for long distances or moving from one work site to another.

WORKING CONDITIONS

Work is performed in an environment with heavy equipment and machinery that could result in bodily harm to co-workers or others.