

Code: 2230

Title: UTILITY MAINTENANCE WORKER III

SUMMARY: Leads and participates in the technical inspection, cleaning, repair, disinfection, vector control and maintenance of sanitary sewage conveyance systems (gravity and pressure). Positions may vary in assignment to either gravity systems or pumping systems.

DUTIES/RESPONSIBILITIES: (Work assignments may vary depending on the department's needs and will be communicated to the applicant or incumbent by the supervisor.)

Locates and identifies system problems using closed circuit television inspection equipment;
Leads, directs and trains Utility Maintenance Workers I/II and others in inspection, cleaning, repair and maintenance of sewage conveyance and pumping systems;
Installs, maintains and repairs wet well and dry well sewage pumps and related mechanical components;
Installs, adjusts and services flow and atmospheric sampling and metering equipment;
Verifies proper positioning and operation of metering and inspection equipment;
Collects and records flow-sampling data, system/component conditions;
Assists engineering staff in the selection of flow-monitoring and sampling sites and determining equipment required to gather necessary data;
Assists engineering staff in the development of improved or new inspection and flow-monitoring techniques and equipment;
Operates and performs operator-level servicing of specialized equipment, machines and vehicles (single and dual-function) such as pressure cleaners, sprayers, vacuum, balling, and rodding machines, pumping equipment and closed circuit television inspection equipment;
Performs preventive maintenance of sewer lines, cleanouts, manhole structures and covers and wastewater pumping system facilities including rebuilding of pumps and valves;
Assists electricians in inspection and maintenance of electrical components of supported systems;
Performs routine operational checkouts on wastewater pumping systems;
Stores, handles, applies and disposes of hazardous materials generated by work assignments as instructed in the Material Safety Data Sheet (MSDS);
Applies and properly disposes of pesticides, disinfectants and oxidizing agents encountered in duties;
Insures compliance with all operational safety regulations by maintaining and using safety and personal protective equipment and implementing safety-training procedures;
Establishes or directs establishment of appropriate worksite traffic control measures to assure worker and public safety;
Compiles and submits activity reports to management;
Informs the public of activities of the repair and maintenance crews;
Sets up flow management pumping systems;
Inspects, operates, troubleshoots, repairs, and maintains industrial wastewater pumps, pumping systems, power generating engines, and compressors;
Performs repair and preventive maintenance of non-pumping equipment;
Performs welding operations to manufacture or modify equipment and tools;
Performs work involving concrete, carpentry, drywall, painting, tile, plumbing, electrical work as needed in the repair, maintenance, or modification of structures or equipment;
Performs activities/duties required for site mitigation/remediation due to Sanitary Sewer Overflow (SSO);
May be required to act as Public Works/Public Works Crew Supervisor in his/her absence.

KNOWLEDGE & SKILLS:

Knowledge of:

- operation, maintenance and inspection of common and specialized tools, basic hand and power tools and equipment and materials in area of assignment;
- theory of operation of flow-metering and inspection equipment;
- occupational hazards and safety procedures;
- worksite traffic control/safety procedures;
- application and disposal of pesticides, disinfectants and oxidizing agents;

- operating principles of wastewater pumping systems and their associated electrical systems and components;
- supervising, training and evaluating the work of others;
- trades practices and procedures in areas of assignment.

Skill in:

- collecting, recording and interpreting data from flow-metering and inspection equipment;
- compiling and submitting routine, recurring and special reports on repair, maintenance, construction, sampling and inspections of sewage conveyance systems;
- leading and directing maintenance, inspection and construction workers;
- identifying and reporting hazardous conditions;
- following verbal and written instructions;
- applying and properly disposing of disinfectants, pesticides and oxidizing agents;
- operating and performing operator-level maintenance of specialized equipment and machines used in sewer maintenance, repair and inspection;
- troubleshooting and assisting repair of supported system electrical systems/components;
- implementing worksite traffic control and other operational safety procedures;
- maintaining and safely using individual safety and protective equipment;
- using hand tools and making minor mechanical repairs;
- reading and interpreting technical data, maps and plans;
- operating and inspecting wastewater pumping systems;
- observing or monitoring data, machinery and equipment to determine compliance with prescribed operating or safety standards.

MINIMUM QUALIFICATIONS:

EITHER:

(1) Four years of experience in the operation, maintenance, construction or repair of sewage or wastewater conveyance systems including at least two years of experience in sewer maintenance.

OR:

(2) Two years of experience with Pima County as a Utility Maintenance Worker II.

OTHER REQUIREMENTS:

Licenses and Certificates: Possession of Grade III Arizona Department of Environmental Quality Wastewater Collection certification and a valid Class D Arizona driver's license is required at the time of appointment. Some positions may require a valid Class B Arizona Commercial Driver's License (CDL), with appropriate endorsements upon completion of initial and/or promotional probation. For these positions, failure to maintain the required licensure/certification shall be grounds for termination.

Physical/Sensory Requirements: Some positions may carry the risk of exposure to infectious diseases, asbestos or wastewater and sewage products, therefore special medical screening prior to or during employment may be necessary to assure employee health and safety. All positions require the ability to lift up to 100 pounds for brief periods. All positions require the ability to enter and work in confined spaces, which may also require the proper wearing of individual safety and protective equipment.

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.