

Code: 2738

Title: LEAD WASTEWATER TREATMENT PLANT MECHANIC

SUMMARY: Leads and participates in the maintenance and repair of mechanical and hydraulic equipment and systems in a wastewater treatment facility.

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

Leads and participates in the routine, recurring, emergency and preventive maintenance and repair of wastewater treatment plant (WWTP) mechanical and hydraulic equipment and associated systems and equipment;

Assists WW Maintenance Supervisor in developing and implementing preventive, recurring and scheduled maintenance of assigned equipment and systems;

Assigns, reviews and evaluates the work of subordinates;

Coordinates maintenance/repair actions with WWTP operations and maintenance staff to avoid or minimize disruption of WWTP system operations;

Assists engineering staff in development or evaluation of proposed equipment and system modifications and installation;

Inventories, stocks, maintains and accounts for operating spares and related supplies and materials;

Maintains equipment, system and facility operations and maintenance logs, and compiles and submits required reports to management;

Reads, interprets and employs equipment/system plans, diagrams, schematics and related technical materials to plan or facilitate work;

Uses and maintains safety and personal protective clothing and equipment.

KNOWLEDGE & SKILLS:

Knowledge of:

- . mechanical maintenance and repair practices, procedures, techniques and tools of the trade;
- . the occupational hazards and safety precautions of the trade;
- . supervisory principles and practices, including employee training and organization of preventative and emergency maintenance schedules;
- . principles of operation of wastewater treatment plant processes, equipment and related systems.

Skill in:

- . servicing and maintaining wastewater treatment plant equipment;
- . performing routine and emergency repairs to assigned systems and equipment;
- . giving technical advice and assistance;
- . using and caring for the tools and equipment of the trade;
- . preparing technical and administrative reports;
- . reading and interpreting technical data;
- . assigning, reviewing and evaluating the work of others;
- . using and maintaining safety and personal protective equipment;
- . stocking and maintenance of operating spares and associated supplies and materials.

MINIMUM QUALIFICATIONS:

(1) Three years of experience in maintenance of non-automotive pumps, motors and equipment in a central plant, wastewater treatment plant or wastewater conveyance system setting and two years of lead or supervisory experience;

OR

(2) Two years of experience with Pima County as a Wastewater Mechanical Maintenance Technician and one year of lead or supervisory experience;

OR

(3) One year of experience with Pima County as a Wastewater Treatment Plant Mechanic or Wastewater Operations Mechanic and one year of lead or supervisory experience.

OTHER REQUIREMENTS:

Licenses and Certificates: A valid Arizona Class D Driver's License is required at the time of appointment or prior to the end of initial/promotional probation. Some positions may require a valid Class B Arizona Commercial Driver's License, with appropriate endorsements, at the time of appointment or prior to completion of initial/promotional probation.

Physical/Sensory Requirements: Some positions may carry the risk of exposure to asbestos or wastewater and sewage products, therefore special medical screening prior to or during employment may be necessary to assure employee health and safety. Some positions may require any or all of the following: lifting and carrying up to seventy-five pounds or more; wearing required safety clothing and equipment; working with or in the presence of obnoxious odors; working with noxious or potentially hazardous chemicals, compounds or products; ascending and descending ladders and stairs to reach and work upon elevated or below-grade work platforms and job sites; differentiating between colors.

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.