



Water Treatment Plant Mechanic II

(Water Treatment Plant)

Classification

Full Time Non-Exempt

Pay Range

\$61,000-\$73,000

Reports to

Water Treatment Plant Management

Date

October 1, 2026

JOB DESCRIPTION

General Summary/Objective

Responsible for performing advanced work in the installation, maintenance, repair and/or operation of equipment which may include some or all the following: Pumps, piping systems, compressors and pneumatic systems, motors, electromechanical equipment, features and apparatuses, plant equipment, and tools. May independently perform complex repairs with pumps and treatment equipment. Typically has 3 or more years of experience in mechanical repairs and maintenance of a water treatment plant.

Essential Functions

- Troubleshoot, repair, and maintain pumps, motors, and VFDs.
- Work on chemical feed equipment.
- Perform preventive and predictive maintenance on plant equipment and machinery.
- Troubleshoot electrical problems.
- Maintain valves and actuators.
- Respond to emergencies, including after-hours emergencies, such as power outages or equipment failures, and take appropriate action.

Competencies

- Ability to identify and inform the operator on duty and or management of potential hazards and follow appropriate post-emergency protocols.
- Working knowledge of safety protocols including Lockout/Tagout, Confined Space Entry, Chemical Safety, PPE, and Electrical Safety.
- Ability to follow applicable regulations, codes, policies and procedures.
- Personal Effectiveness/Credibility.
- Ethical Conduct.

Supervisory Responsibility

No supervision responsibilities.



Work Environment

While performing the duties of this job, the employee is required to work indoors, and sometimes outdoors in all types of weather. The work environment includes confined spaces, loud noises, grease, oil, dirt, water, chemicals, and other related conditions. Work around loud pumps and machinery.

Physical Demands

The physical demands described here represent those that an employee must meet to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to use hands and finger to handle, feel or operate objects, tools, or controls, and reach with hands and arms. While performing the duties of this job, the employee is regularly required to walk, stoop, crouch, twist, turn, kneel, and bend. Prolonged periods of sitting at a workstation. Prolonged periods of working on a computer. Periods of working in standing water. Ability to climb a flight of stairs 20 or more times a day. Must be able to lift to 60 pounds. Ability to handle a 2.5" fire hose with a psi of 125.

Position Type/Hours of Work

This is a full-time position of 40 hours per week.

Monday-Friday 7:30am-4:00pm

On-Call Responsibilities

Required Education and Experience

High School Diploma or GED

3+ years of directly related experience in maintenance and repair of water treatment plant pumps, machines, and equipment.

Additional Eligibility Qualifications

None.

Other Duties

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.

Signing below constitutes you have read and understand the requirements, essential functions, and duties of the position.

Name _____ Date _____

Please visit <https://msud.net/careers> to download, complete, and submit the job application.

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