

MACHINERY TECHNICIAN

Department of Public Works – Water Works

THE PURPOSE: The person in this position performs system-wide installation, preventive maintenance, and repair duties on medium-duty water system equipment. Assists plant tradespersons and lead personnel in complex and/or heavy-duty assignments. This is the mid-level position in a three-step promotional series for Water Plant machine repair personnel.

ESSENTIAL FUNCTIONS:

- Performs repair and preventive maintenance activities for mechanical equipment system-wide, such as valves, compressors, chemical feed equipment, distribution system storage facilities, water filtration equipment, pumps, building, appurtenances, and other water system equipment.
- Uses computerized maintenance management system for keeping records of preventive and demand maintenance requests. Assists in keeping perpetual inventory of spare parts for preventive maintenance and repair of mechanical equipment.
- Performs oxy/acetylene torch applications as well as arc and gas welding tasks.
- Performs maintenance tasks for overhead cranes and elevators.
- Removes and installs ornamental and drinking fountains and assists plumbers and steamfitters with associated tasks.
- Works rotating shifts as a Water Plant Operator when assigned.
- Demonstrates safe work practices and briefs assigned personnel on safe operation of equipment.
- Performs related in-plant duties, including custodial tasks, snow removal, and routine plumbing, and assists other plant personnel as assigned.

CONDITIONS OF EMPLOYMENT: The person in this position must be willing and able to work at heights of up to 100 feet, in confined spaces, at high noise levels, in all weather conditions, and in close proximity to hazardous chemicals. This person must be medically and physically able to be certified for use of SCBA (Self-Contained Breathing Apparatus) equipment. In addition, the Machinery Technician is subject to call-in for water system emergencies 24 hours a day.

MINIMUM REQUIREMENTS:

1. Two years of experience performing machine repair duties related to this position.
NOTE: Equivalent combinations of work-experience and education may be considered.
2. Valid driver's license at time of appointment and throughout employment
3. Residency in the City of Milwaukee within six months of appointment and throughout employment.

DESIRABLE QUALIFICATIONS:

- ♦ State of Wisconsin DNR "Municipal Water Supply Operator Certification-Subclass: Surface Water Grade 1."

KNOWLEDGE, SKILLS, ABILITIES, AND OTHER CHARACTERISTICS:

- ♦ Able to competently perform all duties associated with the entry level position (Facilities Mechanic), including assisting with repairs of water system mechanical equipment, making minor plumbing and piping repairs, and performing custodial and snow removal duties.
- ♦ A high degree of mechanical aptitude and skilled in machinery repair.
- ♦ Skilled in using drill presses, bench grinders, and hand tools common to the trade.
- ♦ Able to perform precision repairs on medium-duty equipment.
- ♦ Able to solder and weld using gas and electric cutting and welding equipment.
- ♦ Able to perform basic pipe-fitting tasks and plumbing tasks.
- ♦ Able to perform minor rigging and crane/hoist assisted lifting procedures.
- ♦ Able to use computerized maintenance management programs.
- ♦ Skilled in performing mathematical operations.
- ♦ Able to read and comprehend work-related documents; able to read, interpret, and work from blueprints, plans, and specifications.
- ♦ Skilled in mechanical drawing.
- ♦ Good manual dexterity.
- ♦ Able to lift and handle 50 lbs or more of equipment or material on a daily basis.
- ♦ Good interpersonal skills; able to function as part of a team.
- ♦ Able to direct the work activities of assigned personnel.

THE CURRENT PAY RANGE (SG 268) IS: \$40,858.740 to \$46,547.540 annually.