

MACHINERY TECHNICIAN

(Milwaukee Water Works)

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

ESSENTIAL FUNCTIONS:

- Performs repairs and preventive maintenance on mechanical equipment system-wide, such as valves, compressors, chemical feed equipment, distribution system storage facilities, water filtration equipment, pumps, buildings, appurtenances, and other water system equipment.
- Uses computerized maintenance management system to keep records of preventive and demand maintenance requests. Assists in keeping perpetual inventory of spare parts for preventive maintenance and repair of mechanical equipment.
- Performs oxyacetylene 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 Machinery Technician: a) must be willing and able to work at heights of up to 100 feet, in confined spaces, in close proximity to hazardous chemicals, in all weather conditions, and with high noise levels, and b) is subject to call-in for water system emergencies 24 hours a day.

Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990.

MINIMUM REQUIREMENTS:

1. Two years of experience performing machine repair duties related to this position.
Equivalent combinations of education and experience may be considered.
2. Certification for use of SCBA (Self-Contained Breathing Apparatus) equipment within six months of appointment and throughout employment.
3. Valid Wisconsin driver's license at time of appointment and throughout employment
4. Residency in the City of Milwaukee within six months of appointment and throughout employment.

DESIRABLE QUALIFICATIONS:

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

KNOWLEDGE, SKILLS, ABILITIES, AND OTHER CHARACTERISTICS:

- ♦ Ability 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 skill in machinery repair.
- ♦ Skill in performing mathematical calculations.
- ♦ Skill in using drill presses, bench grinders, and hand tools common to the trade.
- ♦ Ability to perform precision repairs on medium-duty equipment.
- ♦ Ability to solder and weld using gas and electric cutting and welding equipment.
- ♦ Ability to perform basic pipe-fitting and plumbing tasks.
- ♦ Ability to perform minor rigging and crane/hoist-assisted lifting procedures.

KNOWLEDGE, SKILLS, ABILITIES, AND OTHER CHARACTERISTICS (cont.):

- ◆ Ability to use computerized maintenance management programs.
- ◆ Ability to read and comprehend work-related documents; ability to read, interpret, and work from blueprints, plans, and specifications.
- ◆ Skill in mechanical drawing.
- ◆ Manual dexterity.
- ◆ Ability to lift and handle 50 lbs or more of equipment or material on a daily basis.
- ◆ Interpersonal skills; ability to function effectively as part of a team.
- ◆ Ability to direct the work activities of assigned personnel.

THE CURRENT PAY RANGE (SG 268) IS: \$43,368-\$49,406 annually with excellent benefits.

THE SELECTION PROCESS will be job related and will consist of one or more of the following: training and experience evaluation; written, oral or performance tests; or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

The examination will be held as soon as practical after **October 15, 2010**. Receipt of applications may be discontinued at any time after this date without prior notice, however, recruitment may continue until the needs of the City have been met. Qualified applicants will be notified by mail of the date, time and place of the examination.

APPLICATIONS and further information may be obtained from www.milwaukee.gov/jobs, in person or via mail from City of Milwaukee Department of Employee Relations, Room 706, City Hall, 200 East Wells Street, Milwaukee WI 53202-3554, or by calling 414.286.3751.

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