

WATER PLANT MACHINE REPAIRPERSON and

WATER PLANT MACHINERY MECHANIC and WATER PLANT FACILITY MECHANIC
Recruitment #2103-0836DC-001

List Type	Original-Continuing
Requesting Department	DPW-WATER-LINNWOOD
Open Date	4/21/2021 3:30:00 PM
Filing Deadline	5/17/2021 11:59:00 PM
HR Analyst	Jeff Harvey

[Go Back Apply](#)

INTRODUCTION

Located on the western shore of Lake Michigan, Milwaukee is an urban hub bursting with energy. Milwaukee provides a casual sophistication – big city appeal without the big city hassles. We are accessible and affordable, and our residents are welcoming. Milwaukee has evolved through the years, bringing together its unsurpassed old world charm with a breathtaking Art Museum, top-flight arts and cultural attractions, professional sports, lakefront festivals, recreational opportunities, and great restaurants.

The City of Milwaukee is proud to employ a diverse workforce that is committed to providing exemplary service to the City's residents. If you have a passion for being a part of an inclusive team of public servants, please consider the following opportunity.

Milwaukee Water Works

Machine Repairperson will be open for applications several times throughout 2021.

*Only applicants who meet the minimum requirements of the job will be invited to participate in the selection process.

APPLICATION PERIODS AND TEST ADMINISTRATIONS
2021 Continuous Recruitment (Subject to Change)

Application Period Opens:	Application Period Closes:	Selection Process
April 21, 2021	May 17, 2021	May-June 2021
June 7, 2021	July 12, 2021	June-August 2021
August 2, 2021	August 30, 2021	September 2021

PURPOSE

These first shift positions are within the Milwaukee Water Works (MWW) treatment plants and pumping stations. MWW offers work assignments and training opportunities to encourage promotion through this job series.

The **Water Plant Machine Repairperson** provides journey-level machine repair expertise and serves as the lead worker for the preventive maintenance, repair, removal and installation of all mechanical equipment in the MWW facilities. This is the final phase in the promotional series for the water plants machine repair personnel.

The **Water Plant Machinery Mechanic** independently performs system-wide installation, preventive maintenance and repair duties on medium-duty water system equipment. The Water Plant Machinery Mechanic assists skilled trades personnel in performing complex and/or heavy-duty assignments. This is the second phase in the promotional series for water plants machine repair personnel.

The **Water Plant Facility Mechanic** Performs minor maintenance repairs to all MWW system equipment and assists skilled trades personnel as needed. This entry-level position is the first in the three-step promotional series for Water Plants machine repair personnel.

Eligible candidates who successfully complete the selection process will be placed on the highest level eligible list for which they qualify.

ESSENTIAL FUNCTIONS

Water Plant Machine Repairperson

- Perform complex preventive maintenance, troubleshooting, and repair activities for all mechanical equipment including compressors, pumps, valves, gear drives, and chemical feed equipment.
- Perform layout and design work as well as skilled machinist bench work to complete necessary part fabrication and repair.
- Conduct machining of tools and materials using lathes, drilling machines, milling machines, grinders, welding equipment and pneumatic tools.
- Diagnose operating problems and defects to determine repairs needed.
- Use the Computerized Maintenance Management System (CMMS) for maintaining records of preventive and demand maintenance requests.
- Maintain equipment logs and system status reports.
- Act as lead worker on repair jobs.

Water Plant Machinery Mechanic

- Perform repair and preventive maintenance activities for mechanical equipment system-wide including valves, compressors, chemical feed equipment, distribution system storage facilities, water filtration equipment, pumps, appurtenances, and other water system equipment.
- Perform basic equipment rigging and lifting techniques to facilitate small equipment repairs.
- Erect scaffolding, operate overhead cranes, and set up hitches as required to perform these duties, with due regard to safety of personnel and equipment.
- Use the (CMMS) to record preventive and demand maintenance requests.
- Assist in keeping perpetual inventory of spare parts required to perform preventive maintenance and repair of mechanical equipment.
- Perform oxyacetylene torch applications as well as arc and gas welding tasks.
- Remove and install ornamental and drinking fountains.

Water Plant Facility Mechanic

- Assist with the repair of all 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.
- Independently perform minor mechanical, plumbing and piping repairs.
- Perform basin cleaning, custodial and snow removal activities; assist other plant personnel, as assigned.

We welcome qualified individuals with disabilities who are interested in employment and will make reasonable accommodations during the hiring process in accordance with the Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008.

CONDITIONS OF EMPLOYMENT

All job levels:

- Must be able to perform duties related to custodial work and snow removal.
- Must be able to climb ladders, enter confined spaces and wear confined space safety equipment.
- Must be able to lift and handle at least 50 pounds of equipment or material and more weight with assistance.
- Must be able to work at heights up to 100 feet, in confined spaces, in close proximity to hazardous chemicals, in all weather conditions and with high noise levels.
- Must be able to wear appropriate safety equipment including safety shoes, glasses, and hearing protection.
- Must be able to work mandatory overtime and respond to emergency call-outs when needed.

- Must be able to work outdoors in all types of weather conditions for extended periods of time.
- Must possess good manual dexterity.

MINIMUM REQUIREMENTS

Water Plant Machine Repairperson

1. Four years of experience performing **industrial machine repair, maintenance, adjustment, and installation** duties closely related to the essential functions listed above.
2. Ability to obtain a Forklift and Skid Steer Loader Operator Certification within six months of appointment and maintain throughout employment.
3. Valid driver's license at time of appointment and throughout employment.

Water Plant Machinery Mechanic

1. Two years of experience performing **industrial machine repair and machine maintenance** duties closely related to the essential functions listed above.
2. Ability to obtain a Forklift and Skid Steer Loader Operator Certification within six months of appointment and maintain throughout employment.
3. Valid driver's license at time of appointment and throughout employment.

Water Plant Facility Mechanic

1. One year of experience performing machine repair and machine maintenance duties related to this position.
2. Ability to obtain a Forklift and Skid Steer Loader Operator Certification within six months of appointment and maintain throughout employment.
3. Valid driver's license at time of appointment and throughout employment.

Equivalent combinations of education and experience may also be considered.

DESIRABLE QUALIFICATIONS

- Journey level Machine Repairperson certification
- Pump repair experience (250gpm or larger)

KNOWLEDGES, SKILLS, ABILITIES & OTHER CHARACTERISTICS

Water Plant Machine Repairperson, in addition to requirements below

Technical

- Advanced degree of mechanical aptitude and skill in machinery repair.
- Ability to perform industrial machine adjustments, maintenance and installation.
- Ability to solder and weld using gas and electric cutting and welding equipment.
- Ability to perform advanced rigging and crane/hoist-assisted lifting procedures.
- Advanced knowledge of job-related mathematics and mechanical drawing.

Judgment and Responsibility

- Ability to direct the work activities of assigned personnel.

Water Plant Machinery Mechanic, in addition to requirements below

Technical

- Ability to perform precision repairs on medium-duty equipment.
- Ability to perform minor rigging and crane/hoist-assisted lifting procedures.
- Ability to perform basic pipe-fitting and plumbing tasks.
- A high degree of mechanical aptitude and skill in machinery repair.

Water Plant Facility Mechanic, in addition to requirements below

Technical

- Skill in using drill presses, bench grinders, and hand tools common to the trade.
- Ability to conduct basic grab sampling procedures to monitor equipment.

All job levels

Technical

- Basic knowledge of job-related mathematics and mechanical drawing.
- Ability to utilize applicable computer hardware and software like the Computerized Maintenance Management System (CMMS) programs.
- Ability to create mechanical drawings to manufacture or install department equipment.

Communication and Interpersonal

- Willingness and ability to work in a team environment.
- Ability to follow verbal and written instructions.
- Ability to read, diagnose and troubleshoot from service/technical manuals, blueprints, plans, specifications and other work-related documents.
- Ability to work independently and as a part of a team.
- Ability to work cooperatively and effectively with coworkers and citizens whose backgrounds may differ from one's own.

Judgment and Responsibility

- Knowledge of and ability to apply safety principles and practices as they apply to all components of this job.

CURRENT SALARY

Water Plant Machine Repairperson*: The current salary range (PG 7QN) is \$56,022 - \$70,620 annually, and the resident incentive salary range for City of Milwaukee residents is \$57,703 - \$72,738.

Water Plant Machinery Mechanic*: The current salary range (PG 7LN) is \$46,216 - \$59,268 annually, and the resident incentive salary range for City of Milwaukee residents is \$47,602 - \$61,046.

Water Plant Facility Mechanic*: The current salary range (PG 7HN) is \$42,815 - \$55,347 annually, and the resident incentive salary range for City of Milwaukee residents is \$44,099 - \$57,007.

** Appointment above the minimum is possible based upon level of experience and other qualifications and is subject to approval.*

BENEFITS

The City of Milwaukee provides a comprehensive benefit program that includes the following:

- Defined Benefit Pension Plan
- 457 Deferred Compensation Plan
- Health and Dental Insurance
- Comprehensive Wellness Program
- Onsite Clinic Services
- Onsite Employee Assistance Program
- Alternative Work Schedules
- Long Term Disability Insurance
- Group Life Insurance
- Tuition Benefits
- Paid Vacation
- 11 Paid Holidays
- Paid Sick Leave and other paid leaves
- Flexible Spending Arrangement C
- Commuter Value Pass

For full details of the benefits offered by the City of Milwaukee, please visit <https://city.milwaukee.gov/der/benefits>.

SELECTION PROCESS

THE SELECTION PROCESS will be job related and will consist of one or more of the following: education 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.

This is a continuous recruitment. Applications will be accepted and interviews held as often as required to meet the needs of the City. Qualified applicants will be notified of the time and location of the examination. Unless otherwise required by law, the City of Milwaukee will not provide alternative test administration. The applicant is responsible for attending all phases of the job selection process at the time and place designated by the City of Milwaukee. The names of successful candidates will be placed on the eligible list in a rank determined by the final score without reference to the date of the examination. The names of candidates who pass all phases of the selection process may remain on an eligible list resulting from a continuous examination for up to six months.

Candidates may take an examination for this position only once every six months.

ADDITIONAL INFORMATION

APPLICATIONS and further information may be accessed by visiting www.jobaps.com/MIL.

- Applications and transcripts should be submitted no later than the deadline listed above.

- If you would like assistance completing an application, please contact the Department of Employee Relations at (414) 286-3751 or staffinginfo@milwaukee.gov.
- The Department of Employee Relations is located in City Hall, 200 E Wells St, Room 706, Milwaukee, WI 53202.

CONCLUSION

The City of Milwaukee values and encourages diversity and is an equal opportunity employer.