

MARSHALLTOWN WATER WORKS TREATMENT PLANT APPRENTICE OPERATOR

Marshalltown Water Works is seeking qualified applicants for the full time position of Water Plant Apprentice Operator. Under the supervision of the Treatment Plant Operations Manager, controls and operates a 12 MGD lime softening plant to produce high quality and adequate quantity of water to meet system demands economically.

COMPENSATION:

Apprentice Operator: Starting rate \$15.25/hour
Competitive benefits package offered.

ESSENTIAL FUNCTIONS:

- Controls and operates all pumps and appurtenances via the control panel/computer, and by physically monitoring the pumps.
- Monitors the treatment process by visual observation and by performing lab analyses and evaluating lab test results.
- Calculates desired water quality results and determines the appropriate chemical feed rates.
- Controls and operates emergency electric generator and electric switchgear as required.
- Records data for reporting purposes.
- Monitors weather, fire, and security systems, acknowledges alarms, and makes appropriate communication contacts in emergency situations through use of telephone and two-way radio system.
- Operates, adjusts, and maintains the lime slaker equipment.
- Determines the number of filters required, maintains filter water levels and backwashes filters.
- Collects and analyzes water samples from the softening units, CO₂ basin, filter and finished water for pH control. Makes necessary adjustments to maintain desired pH.
- Utilizes laboratory analyses to determine and verify coagulant, chlorine, and other chemical dosages.
- Makes periodic inspections of basin, filter, pumps, chemical feed systems, and process equipment.
- Performs general maintenance and lubrication on process equipment.
- Maintains equipment and chemical feed areas in a safe, clean, and orderly manner.
- Performs standard laboratory analyses.
- Responsible for general housekeeping and cleaning of the plant.
- Until promotion to an Operator position, assists Facilities Manager with treatment plant repairs or upgrades as assigned.

ESSENTIAL REQUIREMENTS:

- Demonstrates verbal, written, and mathematical skills.
- Ability to perform basic laboratory analysis.
- Ability to comply with shift rotation schedules.
- Ability to work alone with minimal supervision.
- Successful completion of High School or GED.
- One year of recent experience in water treatment plant operation preferred.
- Post high school certificate or credit hours in water treatment field preferred.
- Obtain valid State of Iowa Grade II Water Plant Operator's License within 38 months of appointment.
- Appointment to position of "Operator" will be made after attaining Grade I certification and filling a shift vacancy.
- Training resources and schedule will be provided by MWW.
- Failure to achieve required certification or satisfactory completion of training by timelines specified or grades required could lead to termination.

ESSENTIAL PHYSICAL DEMANDS:

- Occasionally handles up to 100 pounds and lifts 80 pounds.
- Climbs stairs and ladders and works on catwalks.
- Ability to differentiate machine operational sounds.
- Continuously walking, standing, squatting, bending, and/or kneeling.
- Must be able to read gauges and distinguish colors.
- Occasionally works in confined spaces.

ENVIRONMENTAL CONDITIONS:

- Normally inside building.
- Occasional exposure to adverse weather conditions.
- Frequent exposure to machine noise.
- Occasional exposure to hazardous chemicals.

All the above duties and responsibilities are essential job functions subject to reasonable accommodation. All job requirements listed indicate the minimum level of knowledge, skills, and/or ability deemed necessary to perform the job duties, responsibilities or requirements. Employees may be required to perform any other job-related instructions as requested by their supervisor, subject to reasonable accommodation.

TO APPLY

Complete and submit a Marshalltown Water Works application, posted at <https://marshalltownwater.com/employment>

The position will remain open until filled.

For additional information, contact Marshalltown Water Works General Manager Shelli Lovell at shelli@marshalltownwater.com or 641-753-7913.