



MARSHALLTOWN WATER WORKS TREATMENT PLANT OPERATOR

Marshalltown Water Works (MWW) is dedicated to providing high quality drinking water to Marshalltown and the surrounding area, treating an average of 6 MGD, using 8 groundwater wells and a Grade 4, 12 MGD lime softening plant. Under the supervision of the Treatment Plant Operations Manager, the Operator controls and operates a 12 MGD lime softening plant to produce high quality and adequate quantity of drinking water to meet system demands economically. This position may be filled as either an Apprentice Operator or Operator.

We know that water is a valuable resource – one that plays a critical role in sustaining life, and we take our mission to protect public health seriously. At MWW, we are proud to be united by integrity, respect and the pursuit of excellence to be the best we can be for the customers and communities we serve. Together, the team at MWW uses science, technology, capital investments, and amazing talent to provide communities with clean, safe drinking water.

The ideal candidate will hold a State of Iowa Grade 2 or higher Water Treatment License. This position may be filled as either an Apprentice Operator or Operator.

For a posting with the complete job description and to download the MWW application, please visit www.marshalltownwater.com/employment or request by calling the MWW office at 641-753-7913.

COMPENSATION:

Apprentice Operator: Starting rate \$16.24/hour

Operator: Starting rate \$19.14 – 20.54/hour, depending on certification
40-hours/week

Training provided by Marshalltown Water Works

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 analysis 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 analysis
- Responsible for general housekeeping and cleaning of the plant
- Until filling an existing 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
- Able to obtain valid State of Iowa Grade II Water Plant Operator's Certificate within 38 months of appointment. 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.

PREFERENCE WILL BE GIVEN to individuals with the following:

- Grade 1 or higher Iowa Water Treatment Plant Operator Certificate
- One year of recent experience in water treatment plant operation preferred.
- Post high school certificate or credit hours in water treatment field preferred.
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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 Operations Manager Connor Hunt at 641-753-7913 or connor@marshalltownwater.com.