



Job title	Water Plant Operator
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Job Purpose

The Water Plant Operator performs a variety of duties around running the equipment, controlling the processes, and monitoring the treatment of water in the facility.

**THIS IS A NIGHT SHIFT JOB.
12 hour nights on rotating shift.**

Pay Range: No experience starting at \$21.71/hour.
Licensed Grade 4 \$32 - \$45/hour.

Essential Job Duties and Responsibilities

- Maintain filters in water system by manually backwashing them using reverse flow process.
- Start up and shut down water plant.
- Manage pumps and water level during peak hours.
- Maintain water quality by managing water level in tanks.
- Collect water samples.
- Monitor water quality to determine appropriate chemical dosages (e.g., chlorine, phosphate).
- Monitor water system and water map, including filters, flow, pumps, tank levels
- Respond to water system alarms and issues.
- Provide direction to employees to resolve issues in water system and equipment.
- Complete daily operating reports for monthly submission to the state.
- Perform maintenance on and calibrate water quality instruments (e.g., chlorine analyzer, turbidimeter).
- Drain and perform maintenance on water basins (e.g., drains, remove sludge, clean basins with firehose).
- Perform maintenance on chlorine lines and feeders.
- Monitor water cutoff list to confirm issues rather than cutoff due to non-payment.
- Maintain chemical inventory of system.
- Inspect equipment during “walk arounds” using a hand-held device to confirm inspection was conducted.
- Treat/clean membrane filter w/chemicals.
- Take Bac T samples on new or replacement lines.
- Repair and replace chemical lines.
- Calibrate meters in the lab.
- Monitor and maintain streaming current monitor meter.
- Start up and operate generators to provide company power.
- Perform lawn maintenance.

- Perform other related duties as required.

Qualifications

MINIMUM QUALIFICATIONS

- Willing to study for and obtain Grade 4 Water Plant License.

PREFERRED QUALIFICATIONS

- Grade 4 Water Plant License.
- Grade 2 Water Distribution License.
- 5 years' experience operating a water plant.

Working Conditions

- The willingness and ability to work in cramped/tight/confined working conditions where movement is restricted
- The willingness and ability to work flexible schedules (e.g., holidays, overtime, coming in early, staying late)
- The willingness to work in dirty, greasy conditions
- The willingness and ability to work at elevations up to 50 feet above ground level.

Physical Requirements

- The ability to stand for extended periods of time (10 hours or more).
- The ability to move, lift, carry, and place equipment, tools, materials, supplies, or other objects ranging in weight from 51 to 100 pounds without assistance.
- The ability to move, lift, carry, and place equipment, tools, materials, supplies, or other objects weighing 101 or more pounds with assistance or mechanical equipment (e.g., hand cart, crane).
- The ability to walk approximately 1 mile per day.