



JOB POSTING

Job Title: Water Plant Operator (Night Shift)
Department: Water Plant
Posting Start Date: 11/12/2020
Posting End Date: 11/18/2020

[If interested in applying, please send resume to hr@hvud.com](mailto:hr@hvud.com)

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.

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

- Grade 3 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.

Knowledge and Skills

- Knowledge of hand tools (e.g., screwdrivers, pliers, wrenches, hammers, saws).
 - Knowledge of environmental codes, ordinances, and sustainability initiatives that impact the operations of the facilities.
 - Knowledge of hazardous materials classifications.
 - Knowledge of preventative service maintenance procedures.
 - Knowledge of laboratory analyses and standards used when testing water or wastewater samples.
 - Knowledge of the chemical composition, structure, and properties of substances and of the chemical processes and transformations that they undergo.
 - Knowledge of meter operation and calibration levels.
 - Knowledge of instrumentation test equipment (e.g., decade box, radiation detection equipment).
 - Knowledge of power tools (e.g., drill press, grinders, saws, drills, impact wrenches, pneumatic wrenches, pipe threader, conduit bender).
 - Knowledge of and the ability to use manual handling equipment (e.g., hand jacks, dollies, hand carts, pup stands).
 - Knowledge of and the ability to operate hoists (e.g., electric, manual, pneumatic).
 - Knowledge of and ability to use computer and computer programs (e.g., Excel, Access, Word, etc.).
 - Knowledge of control valves, including their repair, removal, and installation.
 - Knowledge of temperature measuring devices (e.g., thermometers, infrared temperature gauges).
 - Knowledge of transducers.
 - Knowledge of tank gauging systems.
 - *Knowledge of procedures used and the ability to operate forklifts.*
-