

Water Operator I

Dept/Div: Water Plant/N/A

FLSA Status: Non-Exempt

General Definition of Work

Performs basic semiskilled work operating, monitoring, and maintaining water treatment plant systems, ensuring compliance with Federal, State, and local operating rules and regulations, and related work as apparent or assigned. Work is performed under the limited supervision of the Water Plant Superintendent.

Qualification Requirements

To perform this job successfully, an individual must be able to perform each essential function satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable an individual with disabilities to perform the essential functions.

Essential Functions

Performs all aspects of utility operations, sampling, monitoring, and testing required to maintain compliance with Federal, State, and local rules and regulations governing water plant systems.

Monitors all levels of storage tanks, chemicals, and water; performs daily labs and enters all data into computer.

Coordinates and works with department employees on a daily basis.

Checks and maintains that equipment, tools, and machinery are in good working condition; performing preventative maintenance as needed; builds, fabricates, and fixes or replaces anything broken.

Performs daily calibrations on lab equipment.

Operates and runs assigned equipment, tools, and heavy machinery.

Handles maintenance and upkeep of all equipment at plant and intake.

Maintains good housekeeping of the office, lawn, lab, and plant.

Knowledge, Skills and Abilities

Thorough knowledge of contemporary water treatment facilities regulations, methods, procedures and techniques; thorough knowledge of water transmission pumps, storage, lines and principles of design; thorough knowledge of the chemical and physical processes involved in water treatment; thorough knowledge of the operation and maintenance of electrical, mechanical, chemical filtration, and related water treatment plant equipment; thorough knowledge of computers and programs used in the operations of a water treatment plant; thorough knowledge of equipment, facilities, and materials used in water treatment operations; skill in operation of the listed tools and equipment; ability to operate and maintain various equipment used; ability to maintain and prepare accurate operating reports; ability to detect flaws in the operation of equipment and to determine proper remedial measures; ability to read blueprints, maps, and operation and service manuals; ability to research, collect, and organize data; ability to communicate effectively, verbally and in writing; ability to establish and maintain effective working relationships with employees, other departments, and the public.

Education and Experience

High school diploma or GED and considerable experience in water plant operations, equipment, and systems, or equivalent combination of education and experience.

Physical Requirements

This work requires the regular exertion of up to 10 pounds of force and occasional exertion of up to 50 pounds of force; work regularly requires standing, frequently requires walking and occasionally requires sitting, using hands to finger, handle or feel, climbing or balancing, reaching with hands and arms and lifting; work has standard vision requirements; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; work requires preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, using of measuring devices, operating machines, operating motor vehicles or equipment and observing general surroundings and activities; work frequently requires

Water Operator I

exposure to wet, humid conditions (non-weather) and exposure to outdoor weather conditions and occasionally requires working near moving mechanical parts and exposure to fumes or airborne particles; work is generally in a moderately noisy location (e.g. business office, light traffic).

Special Requirements

Class C Surface Water License or higher in the State of Texas within 1 year of hire
Must meet and maintain all training and education requirements for position.
Valid driver's license in the State of Texas.
Requires working overnight shifts, and nonstandard work weeks

Last Revised: 02/22/2022