

WATER TREATMENT CHIEF OPERATOR

GENERAL DESCRIPTION: Performs skilled work in the operation of Water Treatment Plant equipment and facilities on an as needed basis. Employees in this class are responsible for the operation of water filters and chemical feeders used in the treatment of water. The proper operation and regulation of this equipment is vital to the water purification process. Duties include overseeing, instructing and/or training operations in the taking of samples for laboratory analysis, and the reading and recording of meter readings at regular intervals. The work is supervised by the Water Treatment Director through inspection, and by observing the effectiveness of plant operation through the analysis of shift reports and chemical laboratory tests.

ESSENTIAL FUNCTIONS OF THE JOB:

- According to prescribed instructions, regulates the proper flow of alum, Poy, carbon and chlorine through mechanical feeders;
- Takes and records readings of amounts of chemicals added to the water;
- Supervises, instructs and/or disciplines operators in the absence of the Director.
- Operates water filters, maintains proper water level and washes filters when necessary;
- Takes water samples for routine chemical tests and checks samples for clearness of settled water;
- Checks and lubricates pumps, motors and other plant equipment, and brings any mechanical defects to the attention of the Water Treatment Director;
- Assists with the maintenance and repair of machinery and equipment;
- Performs general custodial work in keeping plant clean and orderly;
- Keeps logs and makes reports of plant activities;
- Supervises duties of Water Treatment Operator I, II, and III;
- Performs related tasks as required;
- Assists in preparing yearly budget;
- Performs related tasks as required.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: General knowledge of the functions and servicing requirements of mechanical equipment and machinery; general knowledge of the processes involved in the purification of water including some knowledge of chemistry; ability to inspect machinery and mechanical equipment in operation, and to detect flaws and defects in operation; ability to read meters and charts accurately, and to maintain simple records of shift operation; ability to understand and follow oral and written instructions; ability to supervise the work of others. Dexterity to operate machinery.

ACCEPTABLE EXPERIENCE AND TRAINING: Must possess a high school diploma or GED. Completion of an associate's degree in Environmental Health or related field preferred, including or supplemented by courses in chemistry or related subjects and considerable experience in water treatment operation, and maintenance work at the level of a Water Treatment Operator III; or any equivalent combination of experience and training which provides the required knowledge, skills and abilities to perform in this position. Employees in this class must be certified as a Water Treatment Operator IV issued by the State of Tennessee within a year of hire and/or promotion.

OTHER REQUISITES: From time to time the incumbent may be assigned special duties by a superior or, temporary basis, may be asked to assist other employees occupying a different position. Employees in this class may be required to work overtime, weekends, holidays, and may be in an on-call status from time to time. This job description should not be construed as an all-inclusive statement of every task required of this position, but as a fair representation of the great majority of the work. Every effort will be made in advance to inform the incumbent of the temporary additional assignments, which under no circumstances are intended to constitute a demotion.

ADA REQUIREMENTS:

Physical Requirements: Task involves some physical effort, i.e. some standing, climbing, stooping, reading and walking, or frequent light lifting (5-10 lbs.); or minimal dexterity in the use of fingers, limbs, or body in the operation of shop or office equipment. Task may involve extended periods of time at a keyboard. Task involves frequent walking; standing; some lifting and carrying objects of moderate weight (12-20 lbs.) and lifting objects of heavy weight (50-100 lbs.); and/or the operation of vehicles, office, shop keyboard, or hand tools in which manipulative skills and hand-eye coordination are important ingredients of safe and/or productive operations.

Environmental Requirements: Task may require infrequent exposure to adverse environmental conditions. Task requires that work be performed in adverse environmental conditions.

Sensory Requirements: Task requires odor perception and discrimination. Task requires texture perception and discrimination. Task requires visual perception and discrimination. Tasks requires color perception and discrimination. Task requires sound perception and discrimination.

Reasonable Accommodation(s): Reasonable accommodation(s) if needed will be provided for the employee to perform the required job with adequate strength, dexterity, coordination and visual acuity and in a manner that does not pose a direct threat to the health or safety of the employee or others in the workplace.