

TITLE: WATER TREATMENT PLANT OPERATOR

CODE: 37405

GENERAL DESCRIPTION:

This is very responsible water treatment plant operation involving the control of water flow through a filter plant, operation and adjustment of chemical feeders and performing routine maintenance and repairs.

Work involves responsibility for monitoring gauges and recording readings periodically. Duties include making routine repairs and performing preventive maintenance on equipment and machinery. This position also has the responsibility for making routine decisions concerning the flow rates and chemical feed rates. This work requires that the employee have good knowledge, skill and ability in sand filter plant operations and maintenance.

SUPERVISION RECEIVED:

Works under the general supervision of a Water Treatment Plant Shift Supervisor or Crew Leader.

EXAMPLES OF DUTIES:

Monitors gauges and takes periodic readings of water flow. Keeps records. Reports on any unusual occurrences. Operates generators in case of emergency power failures.

Adjusts water flow rates and chemical feed rates to maintain adequate balance between influent and effluent and the proper amounts of several chemicals. May change chlorine tanks and handle fluoride, lime and other hazardous materials, as assigned.

Performs maintenance of filter beds on occasion.

Performs work in a safe manner and observes all safety procedures.

Uses all tools, equipment and materials responsibly and performs basic inspection and preventive maintenance prior to use.

Fills out job or shift report forms, as assigned.

Performs work of lower classifications, as necessary.

Performs related work as required.

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KNOWLEDGE, SKILLS AND ABILITIES:

Good knowledge of the tools, equipment, controls, and methods of water filter plant operation.

Good knowledge of the work standards and safety procedures in water filter plant operation.

Good skill in the operation of flow valves, basic maintenance tools, chemical feeders, including the calibration of feeders.

Considerable ability to perform maintenance and repair work safely, effectively and efficiently.

Considerable ability to follow oral and written instructions and to learn District procedures.  
Good ability to communicate orally.

Good ability to fill out forms and charts.

Considerable ability to establish and maintain effective working relationships with coworkers.

QUALIFICATIONS:

A high school diploma or the equivalent plus three years of experience in general maintenance or machine operation, or an equivalent combination of education and qualifying experience substituting on a year-for-year basis.

REQUIREMENTS:

None.