

TREATMENT PLANT OPERATOR

Definition:

Under minimal supervision, operates, inspects, repairs and maintains water treatment plants and related facilities to supply, treat store and distribute water; performs related work as required.

Distinguishing Characteristics:

Examples of Duties:

- operates pumps and valves to regulate flow of water through the plant, determines the rate from meters, gauges, charts and visual inspection;
- coordinates the rate with demand;
- records, reports and logs plant operation, test results, maintenance work performed and unusual operating conditions, backwashes filter beds;
- oils and cleans equipment;
- makes adjustments and repairs to water treatment equipment;
- takes water samples;
- makes standardized quality control tests, and adjusts chemical feeders and other plant equipment;
- maintains plants and operating equipment and facilities in a clean and orderly condition;
- receives supplies delivered and insures that they are properly stored;
- may operate motor vehicles to travel between treatment plants;
- performs related duties as required.

Qualifications:

Knowledge of:

- operation of pumps, electrical motors and piping and control system;
- modern methods of water treatment, elementary mechanical, electrical and hydraulic principles and arithmetic.

Ability to:

- demonstrate initiative and independent thinking;
- perform maintenance and make operating adjustments to pumping and electrical equipment;
- perform standardized water tests;

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- recognize unusual, inefficient, or dangerous operating conditions;
- interpret plant and piping diagrams;
- follow written and oral directions.

Education/Experience:

Graduation from high school or equivalent. Two years of employment involving the operation or repair of pumps, motors or piping systems such as found in water or waste water plants.

License/Certificates:

Must possess and maintain a valid California driver's license with an acceptable driving record. Must possess a California Water Treatment Works Operator Certificate III.