

WASTEWATER TREATMENT PLANT OPERATOR-IN-TRAINING

DEFINITION

Under close supervision, receives training in the operation and maintenance of Wastewater Treatment Plant equipment and facilities.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from a Supervisor. Receives lead direction from a Senior Wastewater Treatment Plant Operator. This classification does not exercise supervision.

DISTINGUISHING CHARACTERISTICS

Wastewater Treatment Plant Operator-in-Training is a training class for candidates qualified to learn the duties of a wastewater treatment plant Operator, as defined by the State Water Resources Control Board. Incumbents of this class undergo a formal training program in the operation of a wastewater treatment plant under the direct supervision of a certified operator while gaining experience to qualify for an Operator certificate. Failure to successfully complete the training program will be cause for termination. Wastewater Treatment Plant Operator-in-Training is distinguished from Wastewater Treatment Plant Technician in that the latter is the entry level class in which incumbents who are certified by the State may perform a full range of routine assignments without close supervision.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

May include, but are not limited to, the following:

Receives training to control the treatment of wastewater through the operation of pumps, motors, and valves utilizing manual, automatic and programmable systems.

Receives training to monitor the performance of wastewater unit processes by a variety of methods through visual observation, physical measurement, sampling, testing, data collection/analysis, and mathematical calculations.

Receives training and utilizes a local area computer network and distributed control system in the routine operation and monitoring of the treatment facility and the collection and maintenance of plant operational data.

Receives training on and collects representative samples from various plant flows and unit processes for laboratory analysis.

Receives training on and performs minor routine preventive maintenance and troubleshooting of plant equipment, to maintain operating efficiency.

Receives training on and maintains proper appearance and cleanliness of equipment and facilities.

Receives training on and operates other related systems such as a digester gas system and associated equipment, secondary effluent disposal and water reclamation systems.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

The use of basic tools.

Skill to:

Use tools necessary to operate and maintain pumps and other related plant equipment.

Operate a motor vehicle safely.

Ability to:

Perform mathematical calculations at a level necessary for the completion of assigned duties.

Learn the occupational hazards and safety precautions related to the operation of mechanical/electrical equipment.

Learn the operation and maintenance of mechanical/electrical equipment.

Read meters and gauges correctly.

Learn the procedures and safety requirements of working in confined spaces.

Follow oral and written instructions and make brief reports on plant operations.

Learn the characteristics and safety requirements of the use of various chemicals used in the wastewater treatment industry, e.g., chlorine, ferric/ferrous chloride, polymer, etc.

Learn the various operational procedures and safety practices involved in the day-to-day operation of a wastewater plant.

Learn and utilize a local area computer network and distributed control system in the routine operating and monitoring of the treatment facility and the collection and maintenance of plant operational data.

MINIMUM QUALIFICATIONS

High school diploma or GED AND Three (3) units of accredited college or university course work in math or science. Six (6) educational points as deemed acceptable by the State Water Resources Control Board may be substituted for the required college units

Special Requirement(s):

Possession and continued maintenance of a valid California Driver's License at time of appointment.

Must file for a Wastewater Treatment Plant Operator-in-Training Certificate issued by the State Water Resources Control Board at time of appointment.

This class is in a flexibly-staffed series, which allows incumbents to flex to the Wastewater Treatment Plant Technician after obtaining the Wastewater Treatment Plant Operator Grade I Certificate. While in the Wastewater Treatment Plant Operator-in-Training class, incumbents will not achieve permanent status within the classified service, as defined in Fresno Municipal Code Section 3-202(p)(5).

Failure to obtain the Wastewater Treatment Plant Operator Grade I Certificate within two (2) years of appointment will be cause for termination from this class.

APPROVED: (Signature on File) DATE: 10/25/2019
Director of Personnel Services

JKK/CMT/djs/09/23/93
Revised: TJM:scm/6/21/13
Revised: JTC:ejk 10/25/19