

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

PUMP STATION OPERATOR - 1372

DEFINITION:

Under general supervision, to perform a variety of increasingly responsible tasks associated with the operation and maintenance of pump stations in a complex wastewater collection system; and to perform related work.

DISTINGUISHING CHARACTERISTICS:

This is the journey-level classification in the Pump Station Operator series.

*** EXAMPLES OF DUTIES:**

At major pump stations:

- Operates wastewater pump stations by controlling equipment via computer control system, monitoring operations of automatically controlled systems, and by manually operating equipment not connected to the control system;
- Operates, inspects, and cleans pumps, motors, mechanical screening devices, chemical feeders, filters, valves, and other related equipment;
- Controls, monitors, and adjusts chemical pumps and handles various chemicals and hazardous materials;
- Monitors various recorders, indicators, and equipment;
- Reads, records, and interprets data from meters, gauges, and monitoring recorders, indicators, and computerized monitoring and control systems;
- Physically inspects equipment and pump station grounds to read and record gauges, identify abnormal conditions, and ensure station security;
- Diagnosis process problems and malfunctions and takes corrective action;
- Makes adjustments on equipment to ensure proper pump station operation and equipment maintenance;
- Stops and starts pumps, valves, compressors, blowers, and monitors;
- Lubricates pump station equipment;
- Operates sluice gates and controls traveling screens and conveyors;
- Repairs pumps, motors, chemical feeders, and other related equipment;
- Keeps pump station equipment clean and orderly;
- Records and tabulates data on pump station operating logs and completes forms;
- Keeps logs and reports of operations;
- Reports malfunctioning equipment;
- Performs other related duties.

* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

Two years of full-time experience in the operation of a 1 MGD or higher water/wastewater treatment plant or pump station; **OR** two years of full-time experience possessing responsibility for the daily operation of a marine power plant and repairs on marine ships; **OR** two years of full-time experience which must include the maintenance and repair of large hydraulic pumps (500 GPM or higher), electric motors (480-5kv), and pneumatic equipment (e.g., air compressors, hydro- pneumatic tanks, hydraulic oil accumulator systems, air gap tanks); **OR** two years of full-time experience operating and maintaining manufacturing processes which must include hydraulic systems, pumps, pneumatic equipment, and Supervisory Control and Data Acquisition (SCADA) type computer systems and/or computerized Distribution Control System (DCS); **OR** a valid Grade II or higher Water Treatment or Wastewater Treatment Plant Operator Certificate issued from the State of California Water Resources Control Board.