

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
SENIOR WATER PLANT OPERATOR - 1052

DEFINITION:

Under general supervision, to lead and direct the work of a crew responsible for the operation of designated potable water treatment plant equipment on an assigned shift; to perform the more difficult and complex water treatment plant equipment operation tasks; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Leads and directs the daily activities of plant operating personnel;
- Plans, develops, and implements technical training programs in water plant maintenance and operations;
- Operates, monitors, and adjusts all treatment processes within a facility;
- Ensures the operation of water treatment plant equipment is in accordance with state and federal regulations and notifies supervisor if failures occur;
- Prioritizes and coordinates maintenance activities;
- Reads and records dials, meters, and gauges to monitor appropriate levels;
- Identifies problems and makes and/or directs adjustments to equipment such as chemical feed pumps;
- Determines flow rates;
- Adjusts chemical feed rates for effective water treatment;
- Conducts laboratory analyses and interprets results as they relate to water treatment process control;
- Conducts special sampling protocols;
- Maintains operating logs;
- Evaluates plant status and adjusts processes as necessary using lab analysis results;
- Interacts with regulatory or emergency support agencies, as needed;
- Serves as a lead operator at a water treatment plant or at water treatment facilities to ensure that treatment standards are met;
- Monitors plant operations for optimal performance and discusses potential plant operational changes to improve water quality or cost effectiveness with supervisors;
- Inspects facility for compliance with safety and permit/regulatory requirements;
- Develops and provides technical training on facility operations;
- Ensures adherence to plant safety requirements;
- Conducts tours of water treatment plant facilities for visiting officials and the general public.

* **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>.

Grade III Water Treatment Operator's Certification issued by the California State Water Resources Control Board; **OR** letter issued by the California State Water Resources Control Board stating you have successfully passed the examination for a Grade III Water Treatment Operator's Certification; **OR** official notification from the California State Water Resources Control Board stating you have filed to take the examination for a Grade III Water Treatment Operator's Certification.