

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

SENIOR CONTROL SYSTEMS ENGINEER - 1210

DEFINITION:

Under direction, to manage and direct distributed control system service, activities, and resources; to manage the construction of regional distribution control systems for all wastewater treatment facilities; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Oversees and supervises the automation and process control group for wastewater treatment and disposal;
- Manages the construction of the regional distribution control systems for all wastewater treatment facilities;
- Develops, recommends, and manages plans, designs, and programs for the operation, maintenance, and optimization of a regional distributed control system;
- Evaluates the capacity and reliability of a distributed control system and related data communications/networking systems;
- Recommends system-wide modifications;
- Evaluates current and developing technologies for potential use;
- Operates and maintains the Distributed Control Systems (DCS), Department Information Network (DIN), Facility Information Network (FIN), and the Process Information Network (PIN);
- Reviews engineering designs and standardization of the control systems within and between facilities;
- Evaluates and oversees the design, development, implementation, and testing of systems;
- Develops and implements system enhancements to improve reliability and performance;
- Prepares reports and correspondence;
- Interviews, trains, evaluates, and rates subordinates.

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>.

A current registration as a Professional Control Systems Engineer from the State of California; **AND** four years of full-time professional industrial engineering project management experience which must include supervisory and managerial 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.