

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
PLANT TECHNICIAN III - 1654

DEFINITION

Under general supervision, to perform difficult maintenance, overhaul, repair, and installation work on a wide variety of complex mechanical equipment at a water or sewage treatment plant or major pump station; to lead a crew in the repair and maintenance of such equipment; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Inspects, installs, maintains, repairs, and overhauls a wide variety of complex and dissimilar mechanical equipment, such as air compressors, high pressure hydraulic systems, pumps and piping systems, chemical feed equipment, boilers, heat exchangers, and diesel and gasoline powered engines;
- Installs, maintains, and repairs various valves, traveling screens, chemical mixing units, speed reducers, gear reduction units, chlorinators, and similar water and sewage equipment of comparable complexity;
- Diagnoses and directs repair of complex mechanical problems on gear and chain-driven equipment for grit chambers, liquid rheostats, gasoline driven carts, low pressure boilers, and heating and ventilation system blowers;
- Repairs grinders and mechanical conveyers;
- Removes, replaces, and overhauls hoists, flights, and cross collectors;
- Repairs high pressure hydraulic pumps and systems;
- Installs necessary piping systems and heavy motors and equipment;
- Plans, assigns, trains, and leads the work of a crew engaged in repairing a broad range of complex water and sewage mechanical equipment;
- Inspects work in progress and upon completion;
- Maintains logs and manages work orders in computer systems;
- Prepares reports and keeps records;
- As directed, applies productivity time guidelines and other required data to work repair forms;
- Procures wastewater system repair supplies, material, or equipment;
- Drives a light truck;
- May perform minor gas and arc welding on a limited base.

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>.

- * **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.

Three years of full-time experience maintaining, overhauling, repairing, and installing mechanical equipment at a water treatment facility, wastewater facility, major pump station, or industrial processing facility employing similar technology. Qualifying experience must include working on pumps, valves, and piping systems. Possession of a valid California Class C Driver's License.