

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**PLANT TECHNICIAN II - 1653**

**DEFINITION:**

Under general supervision, to perform maintenance, overhaul, repair, and installation work of average difficulty on a broad range of complex mechanical equipment at a water or wastewater treatment plant or major pump station; to assist in the more difficult repair and overhaul work; 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;
- Assists in performing highly skilled equipment repairs requiring precision tolerances and alignments;
- Installs, maintains, and repairs various valves, travelling screens, chemical feed and mixing units, speed reducers/gear reduction units, chlorinators, liquid rheostats, gasoline driven carts, low pressure boilers, heating and ventilation system blowers, and similar water and sewage equipment of comparable complexity;
- Installs and aligns heavy motors and equipment;
- Repairs grinders and mechanical conveyers;
- Removes, replaces, and overhauls hoists, flights, and cross collectors;
- Repairs hydraulic pumps and systems;
- Installs necessary piping systems;
- Provides on-the-job training to assigned personnel;
- Leads the work of a small crew engaged in repairs of average difficulty;
- Maintains logs and records;
- Prepares reports of completed work;
- May drive a light truck;
- May perform minor gas and arc welding on a limited basis.

**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 maintaining, overhauling, repairing, and installing mechanical equipment at a water treatment facility, wastewater facility, major pump station,

\* **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.

or industrial processing facility employing similar technology. Qualifying experience must include working on pumps, valves, and/or piping systems. Possession of a valid California Class C Driver's License.