

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**MILLWRIGHT - 1605**

**DEFINITION:**

Under general supervision, to install, replace, dismantle and repair machinery and heavy equipment; to perform complex skilled maintenance and fabrication of industrial parts; and to perform related work.

\* **EXAMPLES OF DUTIES:**

- Installs, moves, repairs, and tests new and rebuilt machinery;
- Performs vibration analysis, predictive maintenance, field balancing, laser alignment, and troubleshooting in facilities such as sewer plants and pump stations;
- Inspects and checks machinery performance;
- Troubleshoots and performs diagnosis of machinery and heavy equipment problems and develops corrective action procedures using root cause analysis and information from predictive maintenance technologies;
- Installs, dismantles and moves machinery and heavy equipment using cranes, hoists, machine movers and chain falls;
- Repairs equipment by installing a wide range of parts including bearings, sleeves, seals, impellers, wear rings and gears;
- Fabricates parts and components to facilitate accurate machinery alignment and repair;
- Trains and leads the work of apprentices and assigned personnel;
- Performs other duties as assigned.

**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 Announcement for updated minimum qualifications.

Successful completion of a State-accredited four-year Millwright Apprenticeship Program; **OR** four years of full-time experience in all phases of work as a journey-level Millwright; **OR** a combination of the above experience and apprenticeship training totaling four years. Possession of a valid California Class C Driver License.

- \* **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.