

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**MACHINIST - 1602**

**DEFINITION:**

Under general supervision, to perform skilled machinist work; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Sets-up, operates, and maintains lathes, grinders, honing equipment, shapers, milling and boring machines, drill presses, metal spray equipment, and other machine shop tools;
- Lays out, cuts, forms, and shapes parts, tools, and equipment according to precise specifications;
- Overhauls pumps, compressors, and similar equipment;
- Makes drivelines, power take-off drive shafts, pump shafts, sleeve bearings, and engine parts;
- Sharpens tools with grinders;
- Reads blueprints and prepares working schematics and technical manuals;
- Makes precision measurements with test dial indicators, micrometers, vernier calipers, bevel protractors, and similar instruments;
- Assembles/disassembles, repairs, rebuilds, and manufactures pumps, compressors, valves, and similar equipment;
- Lubricates, adjusts, and repairs machine shop equipment;
- As directed, applies productivity time guidelines and other required data to work repair forms;
- Researches and orders parts;
- Trains and leads the work of apprentices and assigned personnel.

**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>.

Successful completion of a State-accredited four-year Machinist Apprenticeship Program; **OR** four years of full-time experience in all phases of work as a journey-level Machinist.

- \* **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.