

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
HVACR TECHNICIAN - 1810

NOTE: formerly Refrigeration Mechanic

DEFINITION:

Under general supervision, to perform skilled installation, maintenance and repair work on heating, refrigeration, ventilating, air-conditioning, and combined heating, ventilating, and air-conditioning equipment and systems; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Installs, maintains, and repairs heating, ventilating, air conditioning, refrigeration, and pneumatic systems, including air conditioning systems of up to 600 tons capacity, steam and water boilers, and combined heating, ventilating, and air-conditioning equipment and components;
- Installs and repairs automatic and electrical control systems;
- Performs electrical and mechanical tests;
- Installs, maintains, and repairs portable air-conditioning and heat pump units;
- Oils, cleans, adjusts, calibrates, overhauls, and repairs motors, starters, controls, sensors, condensers, compressors, related pumps and similar equipment;
- Detects and repairs leaks in pipes and valves;
- Disassembles and inspects parts such as valves, springs, brushes, and connectors;
- Uses hand tools such as wrenches, pliers, pipe threading and cutting tools to repair faulty piping, packing, valve or pipe couplings;
- Applies productivity time guidelines and other required data to work repair forms, as directed;
- Reads and interprets blueprints, plans, and diagrams;
- Estimates time and materials;
- Maintains repair, inventory, and other computerized records;
- Prepares reports;
- Uses shop tools and machinery;
- Replaces filters;
- Estimates repair costs and requisitions materials;
- Drives assigned vehicles;
- 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

*** 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.

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 or five-year Refrigeration and Air Conditioning Mechanic or Heating, Ventilating, Air Conditioning Technician Apprenticeship Program; **OR** four years of full-time experience performing work as a journey-level Heating, Ventilating, and Air Conditioning Technician. Qualifying experience must include installing, maintaining, and repairing the following: refrigeration; ventilating; and combined heating, ventilating, and air condition (HVAC) systems. Air conditioning systems must meet capacities of five tons or more to qualify; **OR** an equivalent combination of experience and apprenticeship training as specified above that equals four years. Possession of a valid U.S. Environmental Protection Agency Program approved Chlorofluorocarbon (CFC) Certificate. Possession of a valid California Class C Driver's License may be required.