

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 Announcement for updated minimum qualifications.

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 License.