

ORANGE UNIFIED SCHOOL DISTRICT

HEAT/VENT/AIR CONDITION TECHNICIAN - SENIOR

DEFINITION

Under general supervision – performs more complex technical and skilled duties in the installation, repair and maintenance of heating, air conditioning, and refrigeration systems; exercise leadership over other skilled workers and helper classes and performs related duties and responsibilities as required

Representative Duties

Takes responsibility for and performs more complex, technical and skilled assignments in the air conditioning and mechanical trade. Inspects, repairs, maintains, and services all types of air conditioning and heating equipment: replaces valves, fans, motors, filters, and belts; adds refrigerants and oil; uses various testing equipment to locate defective parts; adjusts and installs various electrical, electronic, micro pressers and pneumatic switches, gauges, thermostats, valves, tubing, and other parts as necessary; makes pipe connections and electrical repairs; adjusts, repairs, and maintains manual and electrical controls and valves on boilers and furnaces for compliance with codes, regulations, and safety orders; keeps records; orders parts and supplies.

Organizational Responsibilities

Senior positions in this class report to the Technical Crafts manager. Exercises senior status, oversees and coordinates work assignments estimates cost and materials, assists workers in performance of their duties.

ENTRANCE QUALIFICATIONS GUIDE

Training and Experience – Equivalent to:

Three years of journeyman level experience in the repair and maintenance of air conditioning and heating systems, including one year of leadership experience or similar role. Completion of an approved technical school, or trade school courses in Heating/Air Conditioning or Refrigeration may be substituted for one year or required experience.

Knowledge and Abilities

Thorough knowledge of: the standard practices of the refrigerating and boiler repair trades; the methods, materials, and equipment used in the maintenance and repair of air conditioning systems, boilers, and heaters; applicable codes, regulation, and safety orders; chemicals and methods used in the treatment of water for use in boilers, and air conditions, safe working methods and procedures.

Ability to: work from blueprints and specifications; skillfully use the tools and equipment necessary in the repair and maintenance of air conditioning and heating equipment; understand and follow written and oral instructions; maintain records.

Licenses

A valid California Motor Vehicle Operator's License.

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PHYSICAL DEMANDS AND WORKING CONDITIONS:

Light Work:

Lifting, pushing and/or pulling objects normally does not exceed 50 pounds and is an infrequent aspect of the job.

Mobility:

Positions in this class require the mobility to stand, stoop, reach and bend;
Positions in this class require mobility of arms to reach and dexterity of hands to grasp and manipulate small objects.

Vision

Positions in this class require vision (which may be corrected) to read small print.

Other Conditions:

Incumbents may be required to work with harsh or toxic substances;
Incumbents may be required to work within enclosed spaces or at height above ground level;
Incumbents are required to work with high voltage.

Board Approved: June, 1986