

SAN DIEGO UNIFIED SCHOOL DISTRICT

POSITION DESCRIPTION

TITLE:	Refrigeration Mechanic (Air Conditioning)	REPORTS TO:	Assigned Supervisor
DEPARTMENT:	Maintenance and Operations	CLASSIFICATION:	Classified
FLSA:	Non-Exempt	SALARY GRADE:	048 OSS
REVISED:	October 22, 2002		

BASIC FUNCTION:

Perform skilled work in the installation inspection, repair, and maintenance of air conditioning machinery and equipment.

REPRESENTATIVE DUTIES: Incumbents may perform any combination of the essential functions shown below. This position description is not intended to be an exhaustive list of all duties, knowledge, or abilities associated with this classification, but is intended to accurately reflect the principal job elements.

E = Essential Functions

Perform skilled work in the installation, inspection, diagnosis, repair, and calibration of faulty control systems such as direct digital, electronic, electric, pneumatic, and variable air volume control systems. **E**

Dismantle malfunctioning air conditioning systems and components. **E**

Test, repair, or replace motors, relays, switches, starters, wiring, and other functional components. **E**

Braze or solder tubing; charge, recover, recycle, and evacuate refrigerant systems. **E**

Replace refrigerant compressors, condensers, valves, coils, pumps, and accessories. **E**

Service and install the various components of chilled water systems. **E**

Maintain detailed records of service and preventive maintenance; make recommendations for replacement. **E**

Perform related duties as assigned.

MINIMUM QUALIFICATIONS:

EDUCATION AND EXPERIENCE:

Any combination of training, experience, and/or education equivalent to completion of a recognized air condition mechanic training program. Two years of directly related experience may be substituted for the training requirement.

LICENSES AND OTHER REQUIREMENTS:

Possession of a valid California driver's license and availability of private transportation (mileage expense allowance provided).

Possession of a valid Class II Environmental Protection Agency certificate for handling chlorofluorocarbons (C.F.C.).

Possession of hand tools common to the trade.

Personality and character suitable for working in schools.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Materials, tools, and methods used in air conditioning repair work including large chilled water systems.

Technical aspects of field of specialty.

Reading and writing English communication skills.

ABILITY TO:

Test, repair, and modify direct digital electronic, electrical, and pneumatic controls, including variable air volume controls.

Estimate labor and materials costs.

Establish and maintain effective working relationships with others.

Plan and organize work.

Meet schedules and time lines.

Maintain records.

WORKING CONDITIONS:

ENVIRONMENT:

Indoor and outdoor settings, driving to conduct work.

PHYSICAL REQUIREMENTS:

Strength and energy sufficient to maintain a rigorous work schedule involving driving and/or continuous heavy physical exertion; hearing and speaking to exchange information; seeing to perform assigned duties; sitting or standing for extended periods of time; dexterity of hands and fingers to operate equipment; kneeling, bending at the waist, and reaching overhead, above the shoulders and horizontally, to retrieve and store supplies; lifting heavy objects.

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