

SAN DIEGO UNIFIED SCHOOL DISTRICT

POSITION DESCRIPTION

TITLE:	Motor Equipment Repair Specialist I	REPORTS TO:	Assigned Supervisor
DEPARTMENT:	Maintenance and Operations	CLASSIFICATION:	Classified
FLSA:	Non-Exempt	SALARY GRADE:	043 OSS
REVISED:	July 23, 2003		

BASIC FUNCTION:

Perform skilled installation, service, wiring, and repair work on a variety of electrical equipment, machinery, and building mechanical systems.

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

Install, maintain, inspect, trouble-shoot, diagnose, replace worn parts, and repair a variety of machinery and motors in permanent building systems, including air conditioning and heating equipment, electric controllers, relays, belts, bearings, blowers, exhaust fans, and pumps. **E**

Work from blueprints and wiring diagrams. **E**

Install motor overload protection, conduit, and lead-in wiring. **E**

Rewire from disconnect to consuming device using secondary power source up to 660 volts. **E**

Service and repair electrical and mechanical equipment. **E**

Estimate time and material costs and maintain service records. **E**

Drive a truck. **E**

May perform preventive maintenance.

May direct the work of helpers.

Perform related duties as assigned.

MINIMUM QUALIFICATIONS:

EDUCATION AND EXPERIENCE:

Any combination of education, training, or experience equivalent to five years of diversified electrical/mechanical equipment repair experience, involving a majority of the types of equipment and machinery included above.

LICENSES AND OTHER REQUIREMENTS:

Possession of a valid California driver's license.
Personality and character suitable for working in schools.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Technical aspects of field of specialty.
Reading and writing English communication skills.

ABILITY TO:

Use testing meters and other materials, tools, and methods used in the inspection, repair, replacement, and installation of a wide variety of electrical equipment.
Read blueprints, plans, and specifications.
Estimate labor and material costs.
Plan and organize work.
Meet schedules and timelines.
Maintain records.

WORKING CONDITIONS:

ENVIRONMENT:

Indoor setting, working around machinery with moving parts and high voltage.

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; 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 perform repairs; lifting heavy objects.

DISTINGUISHING CHARACTERISTICS

This job class differs from the next higher class of Motor Equipment Repair Specialist II in that the higher level services and repairs a wider variety of equipment and machinery located throughout the district and performs tasks with limited supervision. The job class differs from Electrician in that assignments of the former typically involve working on electrical and mechanical equipment related to motors and wiring only from the disconnect to the consuming device using secondary power source up to 660 volts. Electricians typically work with single and three-phase electrical power up to 12.5 K.V., and step down transformers, and have responsibility for the primary windings from the primary electrical source to the disconnect or circuit breaker, and install conduit.

NOTE: An incumbent in the class of Motor Equipment Repair Specialist I who has satisfactorily completed three years of service as Motor Equipment Repair Specialist I and whose skills are certified by the position's supervisor and department head will automatically be promoted to the higher level job class.

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Job Code 8012

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