

SAN DIEGO UNIFIED SCHOOL DISTRICT

POSITION DESCRIPTION

TITLE:	Electronic Equipment Technician (Audiovisual)	REPORTS TO:	Assigned Supervisor
DEPARTMENT:	Physical Plant Operations	CLASSIFICATION:	Classified
FLSA:	Non-Exempt	SALARY GRADE:	050 OSS
REVISED:	October 28, 2014		

BASIC FUNCTION:

Install, inspect, diagnose, repair and program complex electronic, digital, and electro/mechanical equipment, including interactive classroom suite equipment, LCD projectors, digital recorders, closed-circuit television equipment, High Definition video displays, public address systems, theatrical lighting controls, audio mixing boards, and electronic marquees.

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, inspect, diagnose, repair and program electronic, digital and electro/mechanical audiovisual equipment including HDTV, closed-circuit video broadcasting systems, interactive classroom suites, electronic marquee displays and controls, auditorium theatrical sound and lighting systems, intercoms and public address systems. **E**

Determine labor and materials cost estimates, and order materials for the maintenance and repair of systems. **E**

Evaluate and make recommendations regarding the acquisition of new equipment. **E**

Use a variety of testing equipment not limited to laptop computers, digital multi-meters, oscilloscopes, TV-RF signal analyzers, RF signal generators, transistor testers, and ground resistance testers. **E**

Install, repair, and maintain interactive components including sound reinforcement, video projectors, interactive white boards, document cameras and associated inter-connective wiring and cabling. **E**

Install, operate, and maintain ADA mandated assisted listening devices. **E**

Configure and program digitally controlled public address, intercoms, marquees and theatrical sound and lighting systems. **E**

Maintain records including time, inventory, stock usage, and items repaired or in need of repair. **E**

Train and lead the work of assigned staff. **E**

Respond to emergency repair needs. **E**

Operate hand and power tools. **E**

Operate a man or boom lift. **E**

Perform other duties reasonably related to the job class.

MINIMUM QUALIFICATIONS:

EDUCATION AND EXPERIENCE:

A combination of technical or vocational training and experience equivalent to completion of a recognized electronic technician training program and four years of recent, full-time, paid electronic or electrical-mechanical repair experience.

LICENSES AND OTHER REQUIREMENTS:

Possession of a valid California driver's license.

Possession of hand tools common to the trade.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Materials, tools, and methods used in electronic and electrical repair work.

Technical aspects of field of specialty.

Reading and writing English communication skills.

ABILITY TO:

Signal trace and troubleshoot to the component level.

Work from blueprints and schematic diagrams.

Estimate labor and material cost.

Plan and organize work.

Meet schedules and time lines.

Maintain records.

Work independently with little direction.

Read, apply, and explain rules, regulations, policies, and procedures.

Become certified in the operation of a boom and man lift.

WORKING CONDITIONS:

ENVIRONMENT:

Indoor and outdoor settings.

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 in person and on the telephone; seeing to perform assigned duties; sitting or standing for extended periods of time; dexterity of hands and fingers to operate tools and equipment; kneeling, bending at the waist, and reaching overhead, above the shoulders and horizontally, to retrieve and store files and supplies; lifting heavy objects.

Revised 03/21/03

Job Code 8070

FK