

**SAN DIEGO UNIFIED SCHOOL DISTRICT**

**POSITION DESCRIPTION**

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| <b>TITLE:</b>      | Sprinkler Systems Technician<br>(terminal job class) | <b>REPORTS TO:</b>     | Assigned Supervisor |
| <b>DEPARTMENT:</b> | Maintenance  | <b>CLASSIFICATION:</b> | Classified          |
| <b>FLSA:</b>       | Non-Exempt   | <b>SALARY GRADE:</b>   | 048<br>OSS          |
| <b>REVISED:</b>    | April 2, 2003  |                        |                     |

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**BASIC FUNCTION:**

Install, maintain, and repair sprinkler systems at sites throughout the school district.

**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, and repair sprinkler system fixtures and equipment including electrical and hydraulic time clocks containing multiple stations, electrical and hydraulic irrigation valves, backflow preventors, water mains, sprinkler heads, and irrigation piping. **E**

Identify and correct malfunctions in sprinkler systems. **E**

Repair and replace electrical wiring on sprinkler systems. **E**

Design and may make rough sketches of irrigation system layouts. **E**

Read blueprints. **E**

Check water flow and make calculations to determine sprinkler system capacities. **E**

Make labor and material cost estimates. **E**

Dig trenches. **E**

Solder connections on wiring and copper piping. **E**

Drive a truck. **E**

Operate hand and power tools and equipment. **E**

May perform regular plumber duties when necessary.

Perform related duties as assigned.

**MINIMUM QUALIFICATIONS:**

**EDUCATION AND EXPERIENCE:**

Any combination of training, experience, and/or education equivalent to two years of progressively responsible experience in the installation, maintenance, and repair of modern sprinkler systems.

**LICENSES AND OTHER REQUIREMENTS:**

Possession of a valid California driver's license.

Possession of tools common to the trade.

Personality and character suitable for working in schools.

**KNOWLEDGE AND ABILITIES:**

**KNOWLEDGE OF:**

Design, operation, and procedures used in the installation and repair of sprinkler systems.

Basic electricity, basic math, and basic hydraulics.

Technical aspects of field of specialty.

Reading and writing English communication skills.

**ABILITY TO:**

Locate and correct malfunctions in sprinkler systems.

Perform soldering and brazing.

Read and interpret blueprints and wiring diagrams.

Establish and maintain effective working relationships with others.

Plan and organize work.

Meet schedules and time lines.

Maintain records.

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

**WORKING CONDITIONS:**

**ENVIRONMENT:**

Indoor and outdoor settings.

**PHYSICAL REQUIREMENTS:**

Strength and energy sufficient to maintain a rigorous work schedule involving driving and/or continuous 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 a tools and equipment; kneeling, bending at the waist, and reaching overhead, above the shoulders and horizontally, to retrieve and store supplies; lifting heavy objects.

Revised 3.29.04—PeopleSoft

Job Code 8293

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