

FRESNO UNIFIED SCHOOL DISTRICT
Position Description

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| TITLE: | Irrigation Specialist | REPORTS TO: | Assigned Supervisor |
| DEPARTMENT: | Maintenance | CLASSIFICATION: | Classified |
| FLSA: | Non-Exempt | WORK YEAR: | 261 Days |
| BOARD APPROVAL: | May 19, 2021 | SALARY: | FTA – Trades Hourly Salary Schedule Grade M-18 |

Basic Function:

Plan, design, install, maintain, modify, and repair new or existing irrigation systems and related equipment throughout the District.

REPRESENTATIVE DUTIES: (Persons employed in this position 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 with this classification, but is intended to accurately reflect the principal job elements.)

Prioritize work, and maintain and repair existing irrigation systems including locating and repairing leaks and breaks in main high-pressure lines, lateral non-pressure lines, automatic and manual valves, antisiphon devices, main control valves, sprinkler heads, and related components

Modify existing irrigation systems with new components to increase irrigation efficiency. *E*

Install, set, reset, maintain, and identify problems and repair clock driven controls and electronically driven control systems for automatic operation including repairing low voltage wiring. *E*

Dig trenches with shovel, or with trenching equipment as needed, ~~by use of a ditching machine.~~
E

May plan, design and install new irrigation systems to enhance existing systems. *E*

Operate power and hand tools such as pipe cutters, threading machines, power saws, wire tracing and diagnostic equipment, and other equipment related to the trade. *E*

Measure, cut, thread and connect galvanized copper and PVC pipe. *E*

Prepare a list of materials for ordering parts and supplies used in irrigation systems according to established procedures. *E*

Operate a District vehicle to conduct work. *E*

Prepare reports and other documents. *E*

Provide work direction and assistance to maintenance personnel. *E*

May read blueprints.

Perform related duties as assigned.

EDUCATION AND EXPERIENCE:

Any combination equivalent to: graduation from high school and apprenticeship program or equivalent years' experience in the installation, modification, maintenance, or repair of irrigation systems.

LICENSES AND OTHER REQUIREMENTS:

Valid California driver's license; successfully pass a Class B physical exam.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Methods and techniques used in installation and maintenance of landscape irrigation systems.

Irrigation system control devices.

Uses and purposes of general tools and equipment required for installation and maintenance of landscape irrigation systems.

Basic record-keeping techniques.

Health and safety regulations.

Technical aspects of field of specialty.

Basic electricity, basic math, and basic hydraulics.

ABILITY TO:

Perform skilled irrigation systems maintenance and repair work.

Use and operate hand tools and specialized mechanical equipment.

Work independently with little direction.

Perform basic math computations.

Read and understand drawing or sketches of landscaped design plans.

Understand and follow oral and written instructions.

Establish and maintain effective relationships with those contacted in the course of work.

Observe legal and defensive driving practices.

WORKING CONDITIONS:

ENVIRONMENT:

Outdoor work environment, subject to adverse seasonal weather conditions of heat and cold.

PHYSICAL ABILITIES:

Pushing, pulling and lifting heavy objects; bending at the waist or stooping; standing for extended periods of time; kneeling or crouching; seeing to read drawings and sketches; digging.

HAZARDS:

Work around fumes, odors, vibration, noise, dust and potentially dangerous machinery and chemical; working around and with machinery having moving parts.

Fresno Unified School District is an Equal Opportunity Employer and reasonable accommodations are made under the Americans with Disability Act as required by law.

E = Essential Functions