

RIVERSIDE UNIFIED SCHOOL DISTRICT

CLASS TITLE: Irrigation Worker (Range 25)

BASIC FUNCTION:

Under the direction of an assigned supervisor, perform skilled maintenance irrigation work including programming central irrigation control software and maintain hardware, radio/antenna installations and system repair. Manage water resources, repair, installation and alteration of sprinkler and irrigation systems and related work as required. A major portion of the Irrigation Worker's time in this class is spent in performing skilled sprinkler installation, repairs and related work. The Irrigation Worker may, as the need arises, be assigned to carry out general grounds maintenance work outside the irrigation repair trade.

REPRESENTATIVE DUTIES:

Perform and schedule irrigation using computerized software. *E*

Field repair of central control hardware components. *E*

Manage water resources. *E*

Track and repair low voltage wiring. *E*

Installs, maintains and repairs sprinkling systems for turfed and planted areas including piping, valves, controls, sprinkler heads and appurtenant materials and facilities. *E*

Overhauls and tests heads in the field and in the shop. *E*

Operate all types of equipment used in the field of sprinkler repair, such as threaders, cutters, test equipment, trencher equipment and maintains such in proper condition. *E*

Install sprinkler systems. *E*

Design revisions or new sprinkler systems. *E*

Maintain inventory and order supplies.

Maintain sprinkler heads by cutting grass around and adjusting height of heads. *E*

Installs and maintains irrigation pumps, electrical controls and sprinkler systems. *E*

Drives District vehicle to and from jobs and transports equipment. *E*

Perform related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Irrigation software and hardware components

Work safety

Automated central control irrigation systems

Various aspects of pipe fitting as it applies to sprinkler installations

Sizes and specification of pipes and fittings for proper volumes and pressures

Methods and materials used in the installation, maintenance and repair of automatic sprinkler systems including knowledge of the various likes of controllers, valves and heads

Landscape installation and maintenance

ABILITY TO:

Effectively operate a computer/laptop and commonly used job related software programs.

Operate irrigation software for programming and scheduling.

Operate the tools and equipment used in the installation, maintenance and repair of manual and automatic sprinkler systems.

Read and interpret drawings and blueprints of water irrigation system.

Determine watering requirements for location and design of an effective irrigation system.

Perform and learn a wide range of general maintenance and repair work.

Maintain records.

Work cooperatively with those contacted in the course of work.

Follow oral and written notifications.

Work with minimum supervision.

Read and write at the level for successful job performance.

Coordinate and schedule the work of others.

Read blueprints and prepare sprinkler layouts, prepare material lists and lay out work at the job site.

Calculate job estimates regarding man-hours and costs of materials.

Make changes on master blueprints of irrigation systems.

Install and maintain internal backflow devices on irrigation systems.

Service or replace clock motors and micro switches in automatic timing devices.

Replace soil and turf after maintenance and repair work is completed.

Install and repair galvanized, cast iron, transite, PVC, and other types of pipe found in sprinkler systems.

Lead the work of others, assist other grounds personnel and perform grounds maintenance work as required.

EDUCATION AND EXPERIENCE:

Education: Individuals possessing the knowledge and ability listed above are considered possessing the necessary education.

Experience: Two (2) years of groundskeeping or construction experience including experience in the installation and repair of manual and automatic sprinkler systems and experience in the irrigation field.

LICENSES AND OTHER REQUIREMENTS:

Valid Class C California driver's license.

WORKING CONDITIONS:**ENVIRONMENT:**

Outside work environment

Traveling from site to site to conduct work

Subject to adverse weather conditions and noise from equipment operation

Regular exposure to fumes, dust, and dirt

PHYSICAL ABILITIES:

Seeing to diagnose problems.

Kneeling, crouching and crawling to conduct work.

Lift, carry, push or pull heavy objects.

Climbing.

Dexterity of hands, wrists and fingers to operate a variety of specialized equipment and tools.

Reaching overhead, above the shoulders and horizontally.

Standing and walking for extending periods of time.

Walking over rough and uneven surfaces.

Bending, twisting at the waist.

Perform heavy manual labor.

Hearing and speaking to exchange information.

HAZARDS:

Working with machinery having moving parts

Exposure to fertilizer fumes, pollen, chemicals and dust

Working with non-potable water.