

CAJON VALLEY UNION SCHOOL DISTRICT

CLASS TITLE: IRRIGATION TECHNICIAN

BASIC FUNCTION:

Communicate with District personnel to exchange information and resolve issues or concerns; provide assistance to contractors with projects involving irrigation systems; participate in training of grounds crew in the installation, maintenance, and repair of manual and automatic sprinkler systems and electric controllers.

**OTHER DUTIES:**

Perform related duties as assigned.

**KNOWLEDGE AND ABILITIES:**

**KNOWLEDGE OF:**

Procedures, methods, techniques, materials, supplies, tools and equipment used in the installation, repair and maintenance of sprinkler and irrigation systems and related parts, components and equipment.

Basic principles of electricity and plumbing related to irrigation systems.

Operation of a variety of hand and power tools and heavy equipment related to irrigation.

Appropriate pipe sizes and maximum and minimum water pressure guidelines.

Oral and written communication skills.

Basic recordkeeping techniques.

Operate and maintain a computerized central irrigation system.

Shop math applicable to the irrigation trade.

Health and safety regulations.

Proper lifting techniques.

**ABILITY TO:**

Perform a variety of activities involved in the layout, installation, maintenance and repair of District sprinkler and irrigation systems and related parts, components and equipment.

Interpret and work from blueprints, plans, schematic drawings and sketches.

Troubleshoot, diagnose and resolve irrigation system malfunctions.

Inspect irrigation systems to assure proper operation.

Replace system parts and equipment as needed.

Operate a variety of hand and power tools and equipment.

## WORKING CONDITIONS:

### ENVIRONMENT:

Outdoor work environment.  
Seasonal heat and cold or adverse weather conditions.  
Exposure to fumes, dust and odors.  
Driving a vehicle to conduct work.

### PHYSICAL DEMANDS:

Dexterity of hands and fingers to operate hand and power tools and equipment.  
Sitting or standing for extended periods ~~of~~.  
Walking over rough or uneven surfaces.  
Seeing to read a variety of materials and perform irrigation repair duties.  
Lifting, carrying, pushing or pulling heavy objects as assigned by position.  
Bending at the waist, kneeling or crouching.  
Reaching overhead, above the shoulders and horizontally.  
Heavy physical labor.  
Digging.

### HAZARDS:

Exposure to chemicals and fumes.

### CLEARANCES:

Criminal Justice Fingerprint/Background  
Tuberculosis  
Preplacement Physical and Drug Screen