



## Classification Specification

### IRRIGATION SPECIALIST

<b>Department:</b>	Facilities Services & Maintenance
<b>Reports To:</b>	Supervisor-Facilities Services & Maintenance
<b>Supervises:</b>	N/A
<b>Approval Date:</b>	June 24, 2020
<b>Revised Date:</b>	2017, 2020

#### **General Description:**

Serve as the district point of contact in the area of irrigation technology and work in collaboration with the district grounds crew and maintenance personnel; troubleshoot irrigation problems; repair existing systems; design and install new systems; work from plans and prints and document system changes; serve as lead staff responsible for equipment and repairs; coordinate watering schedules with sports activities, special events, and periods of rain.

#### **Essential Duties and Responsibilities:**

- Maintain the irrigation systems for district school sites and facilities in a safe, good working condition; troubleshoot irrigation problems; repair existing systems; design and install new sprinkler systems; work from plans and prints and document system changes.
- Inspect irrigation equipment for proper adjustment, damage, needed repairs, and safety issues; determine proper pipe and valve sizing; perform low-voltage wiring for valves and controllers; rebuild valves and sprinklers.
- Coordinate watering schedules with sports activities, special events, and periods of rain.
- Assist grounds crew or maintenance personnel in work projects by performing semi-skilled labor.
- Prepare and maintain records and reports related to assigned activities; update site plans and drawings to reflect changes.
- Inventory irrigation equipment and supplies; submit purchase requisitions as needed in consultation with supervisor; estimate the quantity and types of materials or supplies needed for a work project; determine the most cost-effective means of for projects.
- Operate a variety of hand and power tools and heavy equipment related to irrigation.
- Operate a computer and assigned software; drive a vehicle to conduct work.
- Perform other duties as required, related to the primary job duties of the assigned position.

## **Required Qualifications:**

### **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.
- State and federal requirements relating to health and safety of facilities.
- Safety practices for storage and use of chemicals and equipment.
- Building codes and other restrictions pertaining to sprinkler irrigation systems.
- District policies and practices for requisitioning/purchasing materials.
- Proper operation of a variety of hand and power tools and heavy equipment related to the irrigation field.
- Appropriate pipe sizes and maximum and minimum water pressure guidelines.
- Principles, practices, and maintenance of electronic controllers used in irrigation systems.
- Oral and written communication skills.
- Basic record-keeping techniques.
- Basic math calculations.
- Interpersonal skills using tact, patience, and courtesy.

### **Ability to:**

- Perform a variety of skilled 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.
- Work independently and follow through on assignments with minimal direction.
- Use power tools and equipment used in irrigation.
- Test and repair water leaks.
- Make calculations using basic math functions.
- Prepare and maintain accurate records.
- Understand and carry out oral and written instructions.
- Develop schedules and maintain records.
- Operate a computer and assigned software.
- Plan, prioritize and organize work.
- Meet schedules and timelines.
- Communicate effectively both orally and in writing.
- Establish and maintain cooperative and effective working relationships with others.

## **Education and Experience:**

**Education:** High school graduation or equivalent GED.

**Experience:** Two (2) years experience in the installation, repair and maintenance of irrigation systems. supplemented by relevant formal technical training.

### **Licenses, Certifications, and other requirements:**

- Valid California Class C driver's license.

- Proof of current and valid Tuberculosis screening.

**Desirable Qualifications:**

- Backflow certification is desirable, but not required.

**Working Conditions:**

**Work Environment:** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Outdoor work environment.
- Exposure to fumes from solvents and chemical products used in irrigation.
- Seasonal heat and cold or adverse weather conditions.
- Work with and around machinery and moving parts.
- Driving a vehicle to conduct work.
- Fast-paced environment with changing priorities.

**Physical Demands:** The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable the individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to:

- Display dexterity of hands and fingers to operate tools and machinery, bend, kneel, crouch and stoop, reach in all directions; stand and walk for extended period of time.
- Lift objects up to 100 lbs. with assistance.
- Carry objects up to 50 lbs. in weight.
- See for the purpose of reading or observing students, hear and understand speech at normal levels, communicate so that others can clearly understand normal conversation.
- The incumbent is occasionally required to climb ladders.

The information contained in this job description is for compliance with the Americans with Disabilities Act (A.D.A.) and is not an exhaustive list of the duties performed.