

# TEMPLE CITY UNIFIED SCHOOL DISTRICT

## IRRIGATION SPECIALIST

### **SUMMARY:**

The Irrigation Specialist works in collaboration with the District grounds crew, maintenance personnel and serves as the District's point of contact in the area of irrigation technology. The Irrigation Specialist troubleshoots irrigation problems; repairs existing systems; designs and installs new systems; works from plans and prints and documents system changes. Persons in this position are responsible for all equipment and repairs, from the irrigation connection to the potable water supply protection device (backflow preventer). The Irrigation Specialist coordinates watering schedules with sports activities, special events and periods of rain.

### **DEGREE OF SUPERVISION:**

The Irrigation Specialist is responsible for the irrigation needs of the district and may provide leadership to other district employees assisting in irrigation projects. The Irrigation Specialist primarily works independently or with minimum supervision on all district irrigation needs.

The Irrigation Specialist is under the day to day supervision of the Maintenance and Operations Supervisor and under general supervision of the Director of Maintenance and Operations. Evaluations will be performed by the Maintenance and Operations Supervisor on a timeline in accordance with the collective bargaining agreement.

### **DUTIES AND TASKS:**

*(All duties and tasks are essential unless noted as secondary with an S)*

1. Maintain the irrigation systems for all school sites and district facilities in a safe, good working condition.
  - A. Troubleshoots irrigation problems;
  - B. Repairs existing systems;
  - C. Designs and installs new sprinkler systems;
  - D. Works from plans and prints and documents system changes;
  - E. Determines proper pipe and valve sizing;
  - F. Performs low-voltage wiring for valves and controllers;
  - G. Rebuilds valves and sprinklers;
  - H. Coordinates watering schedules with sports activities, special events and periods of rain;
  - I. Responds to after-hours reports of water related emergencies (S);
  - J. Inspect irrigation equipment for proper adjustment, damage, needed repairs, and safety issues;
  - K. Assist skilled grounds crew or maintenance personnel in work projects by performing semi-skilled labor (S);
2. Maintain records, prepare reports and order supplies
  - A. Inventory irrigation equipment and supplies and purchase as needed (in

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- consultation with supervisor);
  - B. Update site plans and drawings to reflect changes;
  - C. Estimate the quantity and types of materials or supplies needed for a work project;
  - D. Determine the most cost-effective means of for projects
  - E. Maintain Material Safety Data Sheets (MSDS) so they are accessible and up to date;
3. Operate equipment or drive a vehicle to secure parts or deliver materials.
- A. Operate and provide routine maintenance of small truck used in scope of work; (S)
  - B. Operates tractors, backhoes, and other equipment related to the repair and installation of the district irrigation needs.
4. Perform Other Duties as Assigned

### **KNOWLEDGE, SKILLS, AND ABILITIES:**

1. Working Knowledge
- A. State and Federal requirements relating to health and safety of facilities;
  - B. Safety practices for storage and use of chemicals and equipment;
  - C. Methods, materials and equipment used in irrigation tasks;
  - D. District policies and practices for requisitioning/purchasing materials;
  - E. Principles of supervision, training and evaluation;
2. Skills
- A. Speak on a one-to-one basis to obtain information or explain policies and procedures;
  - B. Work independently and follow through on assignments with minimal direction;
  - C. Perform under the stress of frequent interruptions and/or distractions;
  - D. Use power tools and equipment used in irrigation;
  - E. Make calculations using basic math functions;
  - F. Maintain accurate records;
  - G. Understand and carry out oral and written instructions;
3. Abilities
- A. Develop schedules and maintain records;
  - B. Supervise and train employees
  - C. Demonstrate leadership and sound decision making;
  - D. Establish priorities which reflect the relative importance of the tasks to be completed;
  - E.

### **QUALIFICATIONS**

1. Education and Experience
- A. Equivalent to graduation from high school

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<ul style="list-style-type: none"><li>B. Two years work experience in irrigation work, supplemented by relevant formal technical training.</li><li>C. Some experience in a lead capacity</li></ul> <p>2. Other requirements</p> <ul style="list-style-type: none"><li>A. Valid California driver's license</li><li>B. Tuberculosis screening and clearance every four years</li></ul>
<p><b>PHYSICAL DEMANDS:</b></p> <p>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.</p> <p>While performing the duties of this job, the employee is <b>regularly required</b> 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 and carry objects up to 50 lbs, 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</p> <p>The incumbent is <b>occasionally required</b> to climb ladders.</p>
<p><b>WORK ENVIRONMENT:</b></p> <p>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.</p> <p>While performing the duties of this job, the employee <b>is regularly:</b> working outdoors during all season of the year, exposed to fumes from solvents and chemical products used in irrigation and working with machinery.</p>
<p><b>SALARY RANGE: 25</b></p>