

Goleta Union School District

Irrigation Technician

Basic Function

Under the direction of the Head of Maintenance, Operations, and Transportation, perform skilled work related to the installation, maintenance and repair of sprinkler, irrigation and plumbing systems; assemble, install, maintain and repair pipes, fittings and fixtures pertaining to water and drainage systems; install, program and operate irrigation controls; perform a variety of general maintenance functions and groundskeeping gardening functions.

Representative Duties

Plan, lay out, assemble, install, maintain and repair automatic and manual sprinkler and drip irrigation systems. E

Maintain, repair, replace and rebuild new and existing systems, including valves, sprinklers, controllers and related equipment; maintain current knowledge of irrigation systems and related components. E

Perform a variety of general maintenance and grounds maintenance functions, including weeding, fertilizing, pruning, debris cleanup and removal. E

Plan, draw and work from blueprints, diagrams and schematic drawings in determining work procedures; estimate time and material costs; requisition supplies, materials and parts; maintain appropriate inventory. E

Operate power equipment such as saws, snakes, mowers, edgers, trimmers, jackhammers, trenchers and tractors; drive a service vehicle to and from work sites. E

Measure, cut, thread and install pipes, tubing and a variety of sprinkler, irrigation and plumbing systems fixtures.

Adjust and maintain backflow pressure valves and systems control devices.

Set and adjust control devices to accommodate a planned sprinkling and irrigation schedule.

Clean, adjust and repair sprinkler heads and irrigation devices.

Perform water pressure tests and test for water leaks; repair and clean backflow devices as necessary.

Coordinate and direct the work of helpers as assigned.

Perform related duties as assigned.

Knowledge and Abilities

Knowledge of:

Procedures, methods, techniques, materials, supplies, tools and equipment in the installation, repair and maintenance of sprinkling, irrigation and plumbing systems.

Building codes and other restrictions pertaining to sprinkler irrigation and plumbing systems.

Backflow prevention regulations and devices.

Safe working methods and procedures.

Ability to:

Efficiently and effectively use a variety of hand and power tools and equipment in performing skilled plumbing and sprinkler repair, grounds maintenance and maintenance activities.

Work from blueprints, schematic drawings and sketches.

Irrigation Technician

Operate, repair and maintain timing devices.

Accurately estimate time and material costs.

Maintain simple and concise records and prepare accurate and comprehensive reports.

Understand and follow oral and written instructions.

Establish and maintain cooperative and effective working relationships with others.

Any combination equivalent to: graduation from high school and two years of journey-level experience in the installation, repair and maintenance of sprinkler, irrigation and plumbing systems.

Licenses and Other Requirements

Valid California driver's license.

Possession of a valid Backflow Certificate.

Working Conditions

Environment

Outdoor work environment.

Driving a vehicle to conduct work.

Physical Demands

Dexterity of hands and fingers to operate a variety of hand and power tools.

Walking over rough or uneven surfaces.

Bending at the waist, kneeling or crouching.

Digging.

Heavy physical labor.

Lifting and carrying heavy objects.

Hazards

None