

SPRINKLER SYSTEMS MAINTENANCE WORKER

DEFINITION

Under supervision of the Grounds Supervisor, performs skilled functions pertaining to installation, maintenance, and repair of sprinkler and irrigation systems; and other related work as assigned and/or required.

ESSENTIAL DUTIES

Plan, lay-out, assemble, install, maintain, and repair sprinkler and irrigation systems.

Measure, cut, thread, and install pipes, tubing, and a variety of sprinkler and irrigation system fixtures and controls.

Install and maintain, back-flow pressure valves and system control devices.

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

Perform water pressure tests, test for water leaks and monitor control devices to ensure proper function.

Work from blueprints, diagrams, and schematic drawings to determine work procedures and work layout.

Estimate time and material project costs.

Requisition supplies, materials, and parts and maintain an appropriate service vehicle inventory.

Drive a service vehicle to and from work sites.

May organize and coordinate the work of ground maintenance personnel in the installation, repair and maintenance of sprinkler and irrigation systems.

Operate a variety of power equipment, including trenching machines, pipe, threaders, tractors and other related equipment.

QUALIFICATIONS

Knowledge of: Procedures, methods, techniques, materials, supplies, tools, and equipment in the installation, repair, and maintenance of sprinkler and irrigation systems; codes pertaining to sprinkler and irrigation systems; safe working methods and procedures.

Ability to: Efficiently and effectively use a variety of hand tools and power tools and equipment in performing skilled sprinkler repair activities. Work from blueprints, schematic drawings, and sketches. Accurately estimate time and material costs; maintain simple and concise records; and prepare accurate and comprehensive reports; understand and carry out oral and written directions; establish and maintain cooperative working relationships.

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PHYSICAL DEMANDS

The physical activities listed below are examples of the physical aspects that this classification must perform in carrying out essential job functions.

- * will frequently exert 50 to 75 pounds of force to lift, carry, push, pull or otherwise move objects
- * will stand, sit, walk, kneel, crouch, bend at the waist, reach above shoulder level and occasionally ascend and descend ladders, stairs, scaffolding and ramps
- * must possess the ability to hear and perceive the nature of sound
- * must possess visual acuity and depth perception
- * must be able to provide oral information, both in person and over the telephone and other electronic communication devices
- * must possess the manual dexterity to operate equipment and use hand tools, and handle and work with various materials and objects are important aspects of this job
- * may be exposed to hot, cold, wet, humid, or windy conditions, caused by weather

Reasonable accommodation may be made to enable a person with a disability to perform the essential functions of the position.

EXPERIENCE AND EDUCATION

Experience: Four years of experience within the last ten years in the installation, repair and maintenance of sprinkler and irrigation systems.

Education: Verification of a High School diploma, a GED certificate or a higher degree.

License Requirement: Possession of a valid California Motor Vehicle Operator's License.

Condition of Employment: Insurability by the District liability insurance carrier. A current Department of Motor Vehicle printout will be necessary prior to an interview.