

IRRIGATION TECHNICIAN

DEFINITION:

Under general supervision to do skilled installation, maintenance, and repair of irrigation systems; and to perform other job-related duties as required.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Depending on the assignment, duties may include but are not limited to the following.

Calculates, draws, and performs layout of irrigation systems.
Installs, repairs and maintains various types of irrigation systems and related components such as sprinkler controls, time clocks, heads and valves using a variety of types of materials.
Troubleshoots to locate and repair defects in electrical and sprinkler time clock systems.
Rebuilds sprinkler heads, valves and clocks; performs wiring on valves and clocks.
Revamps sprinkler systems to conform to government codes.
Installs, checks and tests backflow devices.
Instructs and assists site gardeners with repairs and installation.
Provides assistance to supervisor in approving additional irrigation systems throughout the District.
Instructs and trains temporary workers.
Orders and installs parts for various types of systems and maintains inventory.
Brazes, solders, cuts and threads pipes.
Assists plumber with related work as needed.
Performs troubleshooting on wiring problems by use of multimeter.
Lays cement slabs for sprinkler clock installation.
Assists and advises contractors with new installations in District.
Ensures that blueprints are kept current.
Maintains detailed records.

QUALIFICATIONS:

Knowledge of:

- Safe work practices including OSHA regulations, as they relate to the position;
- Tools, machinery, materials and procedures to maintain irrigation systems;
- Maintenance of turf, shrubs, and trees;
- Government codes and regulations pertaining to irrigation and plumbing systems;
- Plumbing and electrical systems and procedures related, but not limited to, sprinkler systems and time clocks;
- Water conservation techniques;
- Integrated, environmentally safe pest management practices.

Ability to:

- Use tools and equipment in a safe manner;
- Establish a preventive maintenance program for sprinkler systems;
- Work from blueprints and specifications;
- Read and write English at a level sufficient to successfully perform the duties associated with the position;
- Identify workplace hazards and/or unsafe conditions and take appropriate action to correct same;
- Understand and carry out oral and written instructions;
- Establish and maintain cooperative working relationships with those contacted in the course of work.

Education: Equivalent to completion of high school with the addition of any combination of formal and informal training, education and experience in irrigation systems installation, repair and maintenance and/or landscape management or groundskeeping.

Experience: Two years of experience performing installation, maintenance and repair of commercial/industrial irrigation systems.

LICENSES AND CERTIFICATES:

Possession of a valid California driver's license with no restrictions which would preclude driving on the job is a continuous requirement.

OTHER CONDITIONS OF EMPLOYMENT:

In accordance with California law and the Education Code, position incumbents must maintain a conviction free Dept. of Justice background record which is relevant to the position.

Salary Range: 72

N: 03/80, R: 11/85, R: 11/91, R: 10/98