

IRRIGATION SPECIALIST

DEFINITION

Under general supervision, performs specialized work in the installation, repair and maintenance of municipal landscape irrigation systems to include manual, smart and automated systems; and leads crews.

SUPERVISION EXERCISED/RECEIVED

Receives supervision from a Manager or designee. This class provides lead direction; this class does not exercise supervision.

DISTINGUISHING CHARACTERISTICS

Irrigation Specialist is an advanced working/lead class in which incumbents provide lead direction to other employees and participate in the installation, modification, maintenance, and repair of irrigation systems. This class is distinguished from Parks Maintenance Leadworker in that incumbents of the latter perform skilled general park and recreation maintenance work. It is distinguished from Parks Supervisor I in that incumbents of the latter are assigned full-time supervisory responsibilities.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

(May include, but are not limited to:)

Leads crews and participates in the Installation, operation, inspection, repairs and maintenance all components of manual, smart and automated irrigations systems, including automatic controllers, valves, water mains, lateral lines, sprinklers, pumping and filtration systems.

Inspects and repairs pumping and filtration systems; makes modifications or additions to existing irrigation systems as required.

Converts manual and hydraulic systems to electronic or automated controlled systems.

Digs trenches; traces, locates, and excavates broken or damaged irrigation lines and water mains.

Surveys turf and landscape areas to determine irrigation requirements and makes necessary system adjustments.

Provides specific site data to the engineer for the design of landscape sprinkler systems.

May perform semi-skilled tasks in plumbing, carpentry, electrical and general maintenance work on parks facilities.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Principles, techniques and procedures for the installation, modification, maintenance, and repair of manual, smart and automated irrigation systems and their components.

Diagnosing techniques to determine problems with irrigation systems including developing and implementing repair plans.

Large-scale, institutional landscape irrigation preventative maintenance programs.

Basic arithmetic related to mechanical, electrical, and electronic components.

Water conservation methods for types of soil, grass, ground covers, trees, and shrubs within the irrigation system.

The use and care of mechanical equipment and of the tools, practices, and precautionary requirements involved in the building trades.

Skill to:

Safely operate hand and power tools and irrigation equipment.

Communicate effectively orally and in writing.

Ability to:

Independently perform moderately difficult building repair and maintenance assignments.

Direct the work of employees.

Respond to work order requests and needs for assistance through various communication methods.

Organize work, set priorities, and meet critical deadlines.

Keep records and prepare reports.

Read and write at the level necessary to perform the job.

Establish and maintain effective working relationships with employees and the public.

To safely operate a motor vehicle.

MINIMUM QUALIFICATIONS

Possession of a High School Diploma or equivalent GED completion;

AND

Two (2) years of paid experience in the installation, modification, maintenance, repair and operation of manual, smart and automated irrigation systems within a municipality or commercial industrial setting.

Necessary Special Requirement

Possession of a valid "Class C" California Driver's License at time of appointment.

APPROVED: *(Signature on File)* _____
Director of Personnel

DATE: *(8/1/2018)* _____

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+623/SPECS
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