

SPRINKLER REPAIR WORKER

DEFINITION:

Under general supervision of the Supervisor of Maintenance and Grounds, assists in the installation, repair and replacement of lawn sprinkler systems; assists the Sprinkler Mechanic as directed; performs grounds maintenance duties; assumes and performs related work as necessary or required.

CLASS CHARACTERISTICS:

The Sprinkler Repair Worker performs many of the less technical sprinkler repair and installation duties usually under the direction of and with instruction from the Sprinkler Mechanic. The Sprinkler Repair Worker class can also be used in conjunction with an approved apprenticeship for the journey level class of Sprinkler Mechanic as a promotional career ladder opportunity.

EXAMPLES OF DUTIES:

Assists the Sprinkler Mechanic with the installation, repair and replacement of lawn and grounds sprinkler systems; *E*

Repairs, replaces, maintains sprinkler heads, lines, mains and associated equipment; *E*

Performs a wide variety of grounds maintenance tasks, including operating a variety of grounds maintenance equipment, including cement saws, jackhammers, metal detectors, skip loaders and other mechanical equipment, hand tools and motorized vehicles and equipment; *E*

Makes written reports on work completed and as otherwise may be necessary or directed; *E*

May perform general custodial or minor maintenance tasks.

May as part of an approved apprenticeship program be required to learn:

The operation and maintenance of automatically operated controls, timing devices, valves sprinkler heads, lines, clock motors, switches and pump motors; *E*

How to inspect, clean and adjust sprinkler controls to ensure correct irrigation; *E*

Unplug and reroute water and control lines; *E*

Perform general troubleshooting of sprinkler system or component malfunctions; *E*

How to do estimates and record time, labor and materials, maintain inventory and order supplies; *E*

How to read, work from, make changes to and record As built information on blueprints for irrigation systems; *E*

Is required as part of an approved apprenticeship program to complete the necessary classroom training and obtain from the County of Orange a certificate of competence to test backflow prevention devices.

E denotes an essential function of the job.

SUPERVISION:

Receives general supervision from the Supervisor of Maintenance and Grounds, and may receive direction and/or instruction in work to be performed from others skilled in the repair and installation of sprinkler systems. Leadership and direction is received from the Grounds/Gardener Lead Worker.

Supervision is not exercised over other employees.

MINIMUM QUALIFICATIONS:

Knowledge of:

Appropriate methods, materials, tools and equipment used in sprinkler systems installation, repair and maintenance and general grounds maintenance;

Appropriate health and safety work procedures and precautions;

Mathematics used in calculating areas, flow rates, irrigation requirements, and other grounds specific calculations.

Ability to:

Safely and efficiently operate a variety of hand and power tools and equipment used in sprinkler system repair/maintenance and grounds maintenance tasks;

Safely and efficiently operate a variety of motorized equipment and motor vehicles;

Safely and efficiently work on 110 volt electrical timing clocks and underground low voltage electrical systems;

Perform heavy manual labor in outdoor weather and damp ground conditions;

Understand and carry out oral and written instructions;

Prepare, maintain simple records;

Establish and maintain cooperative working relationships.

If used as an apprenticeship class, the ability to learn:

How to determine watering requirements for a variety of locations;

How to plan, design and install an effective irrigation system;

How to prepare and/or maintain records or documentation required in sprinkler system design, installation, maintenance and repair.

EDUCATION AND EXPERIENCE:

Individuals possessing the foregoing knowledge, skills and abilities are considered to possess education necessary to succeed in this class. The basic educational skills are typically acquired in completion of high school. Prior successful work experience in sprinkler system installation, maintenance and repair, grounds maintenance, gardening or sprinkler related work is desirable.

LICENSE REQUIRED:

Possession of a valid and appropriate California Driver's License.

If working in an approved Sprinkler Mechanic apprenticeship program, is required to complete the necessary classroom training and obtain from the County of Orange a certificate of competence to test backflow prevention devices.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT:

Stands, walks, frequently climbs into and out of holes, maintains balance, frequently stoops, bends, and kneels; Does heavy work, digging holes & trenches, lifting, carrying, pushing objects weighing 100 pounds; repetitively uses fingers on both hands, twists and exerts pressure with wrists and hands, and reaches over head to perform work; uses both hands/legs simultaneously; requires rapid mental/muscular coordination; communicates clearly and is able to understand normal voice conversation; has good depth perception and normal color vision; visual acuity sufficient to see small details, and distance vision to safely operate heavy equipment on school grounds and observe proper irrigation; works in various lighting conditions; works with a variety of powered equipment and sharp tools; works outside subject to ambient temperature changes; frequently exposed to fumes, odors, dust, and occasionally to toxic materials; has direct contact with District staff; works without direct guidance from supervisor; wears safety equipment appropriate to the job. Employment is contingent upon passing a physical examination and back evaluation test.

Last revised 5/95

Revised 12/00 for apprenticeship revisions

Revisions effective 11/14/02