Ocean View School District

17200 Pinehurst Lane • Huntington Beach, CA 92647 • (714) 847-2551 • www.ovsd.org

PERSONNEL COMMISSION

SPRINKLER MECHANIC

JOB SUMMARY:

Under general supervision of the Grounds Maintenance Supervisor, performs a variety of skilled work in maintenance of landscaped grounds, plans and installs new or replacement lawn and landscape sprinkler systems, maintains and repairs existing lawn sprinkler systems; performs general grounds maintenance duties as assigned.

CLASS CHARACTERISTICS:

This is a skilled level class having strong skills in all aspects of lawn and landscape sprinkler maintenance. Incumbents are expected to work independently in the planning, installation, troubleshooting and repair of large lawn and/or landscape sprinkler systems. Incumbents are also expected to work with, train and provide direction in the work of assigned staff.

REPRESENTATIVE DUTIES:

Inspect, clean, adjust sprinkler controls to ensure correct irrigation;

Investigate reported problems with fields to determine if irrigation is proper, troubleshoots problems, repair and/or match sprinkler heads, find and repair hydraulic leaks, replace failed valves and maintain existing lawn and landscape sprinkler systems;

Install new lawn and landscape sprinkler systems, including automatically operated controls, timing devices, valves, sprinkler heads, lines, clock motors, switches, and pump motors;

Convert existing irrigation systems from manual to electric operation, and clocks from hydraulic to electric;

Unplug and reroute water and control lines and perform general troubleshooting of system or component malfunctions;

Read, work from blueprints, make changes to and record information on blueprints for irrigation systems;

Estimate and record time, labor and materials, maintain repair parts inventory and order supplies as necessary.

Perform a variety of grounds maintenance tasks, including operating a variety of grounds maintenance equipment, such as, wire tracers, metal detectors;

Operate motorized vehicles and equipment, such as, backhoes, bobcat skip loaders and dump trucks;

Repair underground plumbing and irrigation;

May perform general custodial or semi-skilled plumbing maintenance tasks;
Perform other duties as required to accomplish the objectives of the position.

SUPERVISION:

General supervision is received from the Grounds Maintenance Supervisor.
Leadership and direction may be provided to assigned helpers.
Supervision is not exercised over other employees.

MINIMUM QUALIFICATIONS:

Knowledge of:

- Methods, materials, tools, and equipment used in installing and maintaining automatic sprinkling systems, including time controls, valves, piping, and sprinkler heads;
- Proper methods, materials, tools, equipment used in the installation, maintenance and repair of complex automated sprinkler systems;
- Sprinkler system installation, maintenance and repair;
- Sizes pipes and fittings necessary to ensure proper volumes and pressures in irrigation systems;
- Safe, efficient, effective use of power grounds maintenance equipment;
- Principles of leadership and direction;
- Simple record keeping;
- Basic electrical safety and principles;
- Mathematics used in calculating areas, flow rates, irrigation requirements, and other grounds specific calculations;
- Basic record keeping needed for labor and materials;
- Watering requirements for lawns, trees, and plants in various soils.

Ability to:

- Maintain and repair sprinkler systems and control mechanisms;
- Make repairs and replace PVC, galvanized, A-C, and copper pipes and connections;

- Plan, design, determine watering requirements, and install an effective irrigation system for a variety of locations;
- Read blueprints, make changes drawings;
- 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, motor vehicles and grounds maintenance equipment;
- 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 and maintain records as required;
- Prepare time and material estimates;
- Lead or direct the work of assigned helpers;
- Operate a PC (Personal Computer) and utilize applicable software and District E-mail applications;
- Establish and maintain effective interpersonal relationships using tact, patience, and courtesy.

EMPLOYMENT STANDARDS:

Education:

- High school diploma or equivalent.

Experience:

- Two (2) years of experience in automated sprinkler system installation, maintenance and repair.

LICENSES/CERTIFICATES REQUIRED:

Possession of a valid Orange County Certificate of Competence for testing backflow prevention devices is preferred, but not required for consideration.

PHYSICAL DEMANDS, WORKING ENVIRONMENT, AND HAZARDS:

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. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the position.

Last revised 11/14/02
Reviewed with no revisions 2/23/06
Job Description Review and Revisions Effective: 5-15-14
Revisions Effective: 12-11-25

Skilled is defined as: an employee who is capable of working independently and efficiently and turning out accurate work. Through work experience must be able to work from simple blueprints, diagrams, of technical trade manual.