

BOISE SCHOOL DISTRICT
CLASS SPECIFICATION
Facilities and Operations

SPRINKLER/IRRIGATION TECHNICIAN

Purpose of Class

Installs, maintains and repairs pressurized irrigation systems; performs grounds maintenance duties; performs related work as required.

Primary Function

The primary function of an employee in this position is to install, maintain and repair pressurized irrigation systems on District properties. Duties include installing or revamping new and existing sprinkler systems; perform seasonal maintenance; operating a variety of hand tools and equipment; and assisting other Grounds Shop workers maintain lawns, landscaping, playground equipment, athletic fields, driveways and parking lots, and undeveloped properties. This position regularly performs tasks wherever needed to maintain effective and efficient facilities and operations. Work is performed under the general supervision of the Grounds Shop Foreman. The principal duties of this class are performed in an outdoor environment, sometimes performing physically demanding and hazardous duties associated with operating equipment and moving heavy objects, and dealing with adverse weather conditions.

Essential Duties and Responsibilities (will vary by assignment)

- Installs or revamps new and existing sprinkler systems; assists in obtaining quotes for outside contractors;
- Maintains pumps, wells, computers, and timers, coordinating to a central command system;
- Addresses any sprinkler/irrigation emergency such as main line breaks or pump problems;
- Starts pumps and opens valves to direct flow; observes rate of flow and adjusts valves to ensure uniform distribution of water;
- Cuts trenches, shovels and moves dirt;
- Patrols area to detect breaks, weak areas or obstructions and damage to irrigation system; prepares reports and records as required;
- Prioritizes nightly call-ins and completes work orders;
- Programs and sets up Maxicom systems;
- Maintains inventory of rebuilt parts and sprinkler heads;
- Assists plumbing crew on projects when needed;
- Assists grounds crew in the marking of fields for aeration and top dressing programs;
- Inspects, maintains, and repairs receptacles, playground and recreational equipment, playing fields, structures, and signs;
- Maintains open spaces, lawns, flower beds and planting areas, and other school and public areas;
- Assists with turf, tree, flower, and shrub planting, trimming and pruning, and removal;

- Performs routine maintenance and minor repairs on motorized, mechanical and groundskeeping equipment;
- Performs operation, installation, maintenance, and repair of automated irrigation systems, including lines and heads;
- Repairs vandalism of irrigation systems;
- Studies specifications in blueprints, sketches or landscape plans to determine materials required;
- Estimates amount and kind of materials required and notifies supervisor of need for materials;
- Initiates communication with supervisor about needed repairs or status of projects;
- Attends and actively participates in required training classes.

Other Duties and Responsibilities

- May be required to work other than regularly scheduled work hours;
- Performs other related duties as required.

Classification Requirements

Knowledge of:

- Basic electrical systems and sprinkler system hydraulics;
- Sprinkler irrigation systems design, installation and repair;
- Backflow procedures;
- Light construction methods and safety practices;
- Tools, materials and equipment essential to sprinkler/irrigation systems and grounds maintenance, construction, and repair;
- Occupational hazards and safety precautions involved in general building and maintenance work;
- Estimating grounds and landscaping project costs and materials;
- Preparation of detailed and accurate records of work performed.

Ability to:

- Install, maintain and repair pressurized irrigation systems;
- Troubleshoot and diagnose sprinkler, mechanical and equipment problems; perform minor repairs;
- Use and maintain a variety of hand and power tools and equipment common to grounds maintenance work;
- Read and interpret blueprints, landscape plans, athletic field diagrams;
- Maintain detailed and accurate records of work performed;
- Lift, move and maneuver hand and power equipment safely;
- Operate specialized equipment such as a backhoe, tractor, and service vehicles;
- Assist in or prepare accurate, complete and timely reports;
- Communicate effectively both orally and in writing;
- Perform multiple tasks simultaneously, including handling interruptions;
- Work independently or as a team member;

- Follow oral and written instructions and observe District policies and procedures;
- Maintain confidentiality;
- Establish and maintain effective working relationships with District staff, students and other personnel, as well as contractors, government representatives and others associated with job duties.

Acceptable Experience and Training

- High school diploma or GED;
- One (1) year experience in sprinkler design, installation and repair; prefer five (5) years experience;
- Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform as an effective and competent Sprinkler/Irrigation Technician.

Licenses or Certifications

- Valid Idaho Drivers' License is required;
- Valid CDL Class A License is preferred;
- Maxicom certification is preferred;
- Backflow certification is preferred.

Essential Physical Abilities

- Sufficient clarity of speech and hearing or other communication capabilities, with or without reasonable accommodation, which permits the employee to communicate effectively in person, comprehend written and oral instructions, and hear sounds within the normal range of conversation and alarms.
- Sufficient vision or other powers of observation, with or without reasonable accommodation, which permits the employee to view blueprints and plans, to observe grounds and structures to inspect and determine needed repairs and/or quality of completed work; to operate a motor vehicle and work-related equipment;
- Sufficient manual dexterity, with or without reasonable accommodation, which permits the employee to operate all work-associated equipment, operate a vehicle, and work in confined spaces;
- Sufficient personal mobility, agility, strength and reflexes, with or without reasonable accommodation, which permits the employee to work in indoor and outdoor conditions, to stand or sit for long periods of time and to perform skilled construction-related tasks;
- Jobs in this class require performing repetitive motions in fingering and hand/wrist/arm movements and standing for four or more hours at a time. Related job tasks may require, with or without reasonable accommodation, lifting or moving up to 50 pounds frequently and up to 100 pounds occasionally, walking over uneven flooring or construction sites, working in confined spaces, climbing and standing on ladders, crawling, stooping, kneeling, bending, crouching and reaching.