



Job Title: Grounds Irrigation Installer

Exemption Status: Nonexempt

Reports to: Grounds Supervisor

Date Revised: April 2016

Dept./School: Grounds Building Services Irrigation

Pay Grade: MT04 or MT05 (Licensed)

Primary Purpose:

To provide adequate water to all plant materials and maintain safe athletic fields, playgrounds, and landscape areas, utilizing practices set forth by the Texas Commission on Environmental Quality. Responsible for designing, installing, and maintaining irrigation systems.

Qualifications:

Education/Certification:

- High school diploma or equivalent
- State Landscape Irrigator's License Required or able to obtain within 12 months
- State Backflow Prevention Assembly Tester Certification Required or able to obtain within 12 months
- Clear and valid Texas driver's license

Experience:

- Minimum of three (3) years of grounds irrigation installation, preferably in a landscaping or irrigation contracting environment

Special Knowledge/Skills/Abilities:

- Knowledge of general maintenance-related skills
- Knowledge of the design, installation, and repairs of irrigation systems
- Knowledge of electronic devices (volt/ohmmeter, wire tracer)
- Knowledge of irrigation control operation and functions
- Knowledge of water-saving techniques, i.e., ET-based scheduling
- Ability to read and understand blueprints

Major Responsibilities and Duties:

1. Assess irrigation needs, determine water requirements, and design customized irrigation plans.
2. Installation of irrigation systems, including digging trenches, laying pipes, installing valves, sprinklers, and other components, and connecting systems to water sources.
3. Conduct thorough testing of installed systems to identify leaks, malfunctions, or inefficiencies and make necessary adjustments or repairs.
4. To keep systems in optimal condition, perform routine maintenance tasks such as cleaning filters, replacing worn-out components, and repairing damaged pipes or sprinklers.
5. Ensure compliance with local regulations, codes, and environmental standards governing water usage, drainage, and irrigation practices.
6. Understand state, city, and local water codes and restrictions.
7. Maintain irrigation systems in compliance with state and local regulations.
8. Operate trenching equipment, backhoe, and other similar machinery.
9. Maintain PM maintenance scheduling and routing.
10. Maintain any required state and local records.
11. Perform all other duties as assigned.

Supervisory Responsibilities:

None

Mental Demands/Physical Demands/Environmental Factors:

Tools/Equipment Used: Standard office equipment, including computer and peripherals; standard cleaning tools and equipment; standard yard maintenance equipment; may use small hand tools and power tools; light truck or van

Posture: Frequent standing, kneeling/squatting, bending/stooping, pushing/pulling, and twisting; may work in tiring and uncomfortable positions

Motion: Frequent walking, climbing stairs/ladders/scaffolding; regular grasping/squeezing, wrist flexion/extension, and overhead reaching; frequent driving

Lifting: Regular moderate lifting and carrying (15–44 pounds); occasional heavy lifting (45 pounds and over)

Environment: Work outside and inside, on slippery or uneven walking surfaces; frequent exposure to extreme hot and cold temperatures, dust, noise, and vibration; exposure to chemical and electrical hazards; work around machinery with moving parts; regularly work irregular hours; occasional prolonged hours; frequent districtwide travel

Mental Demands: Maintain emotional control under stress

This document describes the general purpose and responsibilities assigned to this job. It is not an exhaustive list of all responsibilities and duties that may be assigned or skills that may be required.

Reviewed by _____

Date _____

Received by _____

Date _____