

VISTA UNIFIED SCHOOL DISTRICT

IRRIGATION TECHNICIAN

Purpose Statement

The purpose of an Irrigation Technician is to provide skilled irrigation systems services at assigned sites with specific responsibility for performing technical work in the design, installation, repair, and maintenance of District irrigation systems; address immediate operational and/or safety concerns; perform other pipe fitting, plumbing, electrical, and grounds work as required, and assist skilled trades.

This job reports to the Maintenance and Grounds Manager.

Essential Functions

- Attends meetings, workshops, and/or in-service training for the purpose of conveying and/or gathering information required to perform functions.
- Collaborates with a variety of internal and external parties for the purpose of conveying and/or gathering information, determining and monitoring the appropriate course of action, and ensuring project success.
- Coordinates with assigned lead and/or supervisor and other trades for the purpose of completing projects and work orders efficiently.
- Designs irrigation systems for designated areas utilizing standardized drafting and surveying techniques for the purpose of installing sprinkler lines and assuring adequate coverage.
- Estimates time and materials costs for sprinkler system projects according to blueprints, sketches, or instructions for the purpose of obtaining approval from supervisor for funds needed for the installation, repair, and/or replacement of sprinkler systems in a timely manner.
- Identifies pipe and wire locations on all District sites for any new construction or digging needs for the purpose of addressing operational and/or safety concerns.
- Installs, inspects, maintains, and repairs irrigation system components (e.g., sprinkler lines, sprinkler systems, automatically and manually operated sprinkler controls, anti-siphon devices, valves, sprinkler heads, pumps, wells, automatic clocks, etc.) for the purpose of providing maintenance services, retrofitting, and new installations.
- Maintains computerized control system (e.g., scheduling, troubleshooting, and repair, collaborates with manufacturer and vendors, etc.) for the purpose of maintaining the on-line irrigation system in functional order.
- Monitors and maintains sprinkler components and schedules (e.g., automatic clocks, sprinkler controllers, timers, booster pumps, backflow devices, regulators, computer-based controls, battery-operated equipment, etc.) for the purpose of ensuring proper and efficient watering.
- Operates grounds equipment, tools, and machinery (e.g., mowers, tractors, backhoes, trenches, hand and power tools, etc.) for the purpose of providing grounds maintenance services.
- Operates and maintains a variety of computerized systems for the purpose of implementing and maintaining irrigation services.
- Performs general grounds maintenance activities for the purpose of maintaining grounds in accordance with established standards.
- Prepares and maintains related records (e.g., cost estimates, work orders, supply lists, etc.) for the purpose of documenting activities and/or conveying information.
- Responds to emergency situations for the purpose of resolving immediate safety concerns.
- Schedules and performs preventive maintenance on irrigation systems for the purpose of testing and reviewing system operations for efficient performance.

- Transports a variety of tools, equipment and supplies for the purpose of ensuring the availability of materials required at job site.
- Troubleshoots and diagnoses electrical/controller issues including all field wiring and water systems for the purpose of performing repairs, resolving operational issues, and restoring services.

Other Functions

- Performs other related duties as assigned for the purpose of ensuring the efficient and effective functioning of the work unit.

Job Requirements: Minimum Qualifications

Skills, Knowledge, and Abilities

SKILLS are required to perform multiple, technical tasks with a potential need to upgrade skills in order to meet changing job conditions. Specific skill based competencies required to satisfactorily perform the functions of the job include:

- adhering to safety practices;
- diagnosing equipment malfunctions;
- estimating required resources;
- handling hazardous materials;
- inspecting equipment;
- mechanical aptitude;
- operating a variety of equipment including dump truck, backhoe, skip loader, power mowers, forklifts, jackhammers, and other related equipment;
- operating equipment and tools used in grounds maintenance;
- operating equipment and tools used in skilled trades, including power and hand tools.
- operating standard office equipment including using pertinent software applications and office technology;
- planning and managing projects;
- preparing and maintaining accurate records;
- reading blueprints and schematics.

KNOWLEDGE is required to perform algebra and/or geometry; understand complex, multi-step written and oral procedures and instructions; read a variety of manuals; write routine documents; speak clearly; present information to others; solve practical problems; and analyze situations to define issues and draw conclusions. Specific knowledge based competencies required to satisfactorily perform the functions of the job include:

- health and safety regulations;
- job-related codes/laws/rules/regulations/policies;
- methods, materials, tools and operation of large power equipment used in grounds construction and maintenance work;
- methods of organizing, scheduling, and prioritizing workloads;
- methods used in the design and installation of sprinkler systems;
- operating standard office equipment including utilizing pertinent software applications;
- proper use and maintenance of tools and equipment used in grounds maintenance and general maintenance;
- safe driving practices;
- safety and security practices;
- standard methods, materials, and tools used in assigned skilled trade.

ABILITY is required to schedule activities and/or meetings; gather and/or collate data; and consider a number of factors when using equipment. Flexibility is required to work with others in a variety of circumstances; work with data utilizing defined and similar processes; and operate equipment using a variety of standardized methods. Ability is also required to work with a wide diversity of individuals; work with similar types of data; and utilize a variety of job-related equipment. Problem solving is required to identify issues and create action plans. Problem solving with data may require independent interpretation

and problem solving with equipment is significant. Specific ability based competencies required to satisfactorily perform the functions of the job include:

- accuracy and attention to detail;
- adapting to changing priorities;
- analyzing issues and determining an appropriate course of action;
- displaying tact and courtesy;
- establishing and maintaining effective working relationships with others;
- multitasking;
- operating motor vehicles;
- planning and organizing work;
- preparing accurate records;
- setting priorities;
- understanding and following oral and written directions;
- working as part of a team;
- working independently with little direction.

Responsibility

Responsibilities include: working under limited supervision using standardized procedures, practices, and/or methods; providing information and/or advising others; and operating within a defined budget. Utilization of some resources from other work units may be required to perform the job's functions. There is a continual opportunity to have some impact on the organization's services.

Work Environment

The usual and customary methods of performing the job's functions require the following physical demands: significant lifting, carrying, pushing, and/or pulling, frequent climbing and balancing, frequent stooping, kneeling, crouching, and/or crawling and significant fine finger dexterity. Generally the job requires 15% sitting, 45% walking, and 40% standing. The job is performed under some temperature extremes and under conditions with some exposure to risk of injury and/or illness.

Experience: Job related experience is required.

Education: High School Diploma or equivalent.

Equivalency: Graduation from high school or equivalent and four years grounds maintenance experience involving experience in installation and repair of automatic sprinkler systems.

Retention: In accordance with Education Code 45301, an employee appointed to this class must serve a probationary period of one hundred thirty (130) days of paid regular service (excluding days absent for illness or injury) during which time an employee must demonstrate at least an overall satisfactory performance. Failure to do so shall result in the employee's termination.

Required Testing

For those candidates who meet the minimum qualifications, the assessment process will consist of any one or more of the following: Screening for most qualified candidates, Training and Experience Evaluation, a Written Test, a Performance Test, and/or a Qualifications Appraisal Interview.

Certificates and Licenses

Valid California Class C Driver License

Continuing Educ. / Training

Clearances

Fingerprint and Background Clearance
Drug Test
Tuberculosis Clearance

FLSA Status

Non-Exempt

Approval Date

Revised: 06/11/2019

Salary Grade

Classified, Range 48