

Job Description

IRRIGATION TECHNICIAN

The City of Maricopa is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

Management's vision is "to be open, responsive and accountable while serving the public with integrity."

Job Description

The following duties are normal for this position. The omission of specific statements of the duties does not exclude them from the classification if the work is similar, related, or a logical assignment for this position. Other duties may be required, assigned, and expected commensurate with the administrative needs of a newly incorporated city.

General Purpose

Incumbents, of this position are to install and maintain irrigation systems at City parks and facilities. The duties are accomplished by performing maintenance tasks including inspecting, auditing, diagnosing, and repairing irrigation systems. Other duties may include completing related tasks as assigned.

Essential Duties:

Essential Duties are not intended to be an exhaustive list of all responsibilities, duties and skills. They are intended to be accurate summaries of what the job classification involves and what is required to perform it. Employees are responsible for all other duties as assigned.

- Inspects and repairs irrigation systems at City parks and facilities; makes repairs to irrigation systems including valves, rotors, sprinklers, backflow, and valve boxes;
- Performs field tests on irrigation systems to determine efficiency, completes state required audits. Calculates accurate watering schedules for irrigation systems by combining plant water use, soils and local weather data;
- Plans, designs, and installs new irrigation systems at City parks and facilities;
- Monitors irrigation inventory levels and orders supplies as needed;
- Performs related maintenance and landscaping duties as required;
- Makes recommendations to supervisor on irrigation projects;
- Assists in setting and scheduling irrigation system operations;
- Performs all work duties and activities in accordance with City policies and procedures;
- All other duties as assigned.

Minimum Qualifications

Position requires High School diploma or equivalent. Minimum of three (3) years of experience in parks maintenance and irrigation maintenance. Must possess a valid Arizona driver's license. Position requires working in an outdoor environment that may include working in adverse weather conditions

Any equivalent combination of education, training, and experience, which provides the requisite knowledge, skills, and abilities for this job, may be substituted for evaluation at the discretion of city management.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of:

- Methods, tools, equipment, materials and practices used in the irrigation trade.
- Calsense Irrigation Systems and related components.
- Principles and practices of safe motor vehicle operation and maintenance.
- Traffic laws, ordinances and rules involved in motor vehicle operation.
- Microsoft Office products and other relevant technologies

Skills required:

- Perform basic math calculations.
- Listen and communicate effectively with a diverse group of people.
- Operate a personal computer.
- Work in a safe, skillful and timely manner.
- Understand and use proper safety procedures.
- Attend various meetings as needed.
- Establish and maintain effective working relationships with coworkers, supervisors, inspectors and general public.
- Complete OSHA/Safety Training as required.

Ability to:

- Diagnose and troubleshoot irrigation related problems.
- Design irrigation systems.
- Install and repair systems and controllers.
- Repair backflow prevention devices.
- Work in a variety of weather conditions with exposure to the elements.

Performance Aptitudes

Physical Ability: Position typically requires: climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, hearing, seeing, repetitive motions. Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.

Position also requires:

- Sufficient clarity of hearing, with or without reasonable accommodation, which permits the employee to discern and dispense verbal instructions and interact with the general public;
- Sufficient visual acuity, with or without reasonable accommodation, which permits the employee to comprehend written material and instructions and discern, supervise, and react to physical activities;
- Sufficient manual dexterity with or without reasonable accommodation, which permits the employee to operate sports and office equipment;
- Sufficient body flexibility, agility, and stamina to complete parks maintenance operations and facilities.

Project Management: Tasks require the ability to schedule, coordinate, and manage various projects of varying degrees of difficulty, size and complexity.

Equipment, Machinery, Tools, and Materials: Tasks require the ability to operate, maneuver, and/or control the actions of equipment, machinery, tools, and/or materials, commensurate with duties of the position.

Social and Interpersonal Communication Skills: Position requires professional social and interpersonal communication skills, including the ability to function in a major organizational unit requiring significant internal and external interaction.

Reasoning: Position requires functional reasoning skills enabling the analysis of major problems that necessitate complex planning for interrelated activities that can span one or several work units. Position requires situational reasoning skills allowing for the ability to exercise judgment, decisiveness and innovation in situations involving broader aspects of the organization.

The above statements are intended to describe the general nature and level of work being performed by individuals assigned to this job. They are not intended to be an exhaustive list of all responsibilities, duties, and skills required of personnel so classified in this position. This job description is subject to change as the needs and requirements of the job change.