



Title: Irrigation Technician

FLSA Status: (Non-Exempt)

BRIEF DESCRIPTION:

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

ESSENTIAL FUNCTIONS:

Note: This information is intended to be descriptive of the key responsibilities of the position. The list of essential functions below does not identify all duties performed by any single incumbent in this position. Additionally, please be aware of the legend below when referring to the physical demands of each essential function.

(S) Sedentary	(L) Light	(M) Medium	(H) Heavy	(V) Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally; 10 lbs. frequently; or negligible amounts constantly; OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally; 10-25 lbs. frequently; or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally; 10-25 lbs. frequently; or up to 10-20 lbs. constantly.	Exerting over 100 lbs. occasionally; 50-100 lbs. frequently; or up to 20-50 lbs. constantly.

#	Code	Essential Functions
1	H	Inspects and repairs irrigation systems at City parks and facilities; makes repairs to irrigation systems including valves, rotors, sprinklers, backflow, and valve boxes.
2	M	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.
3	L	Plans, designs, and installs new irrigation systems at City parks and facilities.
4	S	Monitors irrigation inventory levels and orders supplies as needed.
5	M	Performs turf maintenance functions; fertilizing turf renovation, aeration, top dressing and mowing.
6	M	Performs related maintenance and landscaping duties as required.
7	S	Makes recommendations to supervisor of repairs required beyond capabilities.
8	S	Assists in setting and scheduling irrigation system operations.



JOB REQUIREMENTS:

-Description of Minimum Job Requirements	
Experience	2-4 years experience. Considerable previous experience required in the same or similar previous positions. The job requires a sound knowledge of common and uncommon techniques, concepts, methods, practices, use of forms, routines, etc., of complex nature.
Education	High school graduation or equivalency.
Technical Skill	Skilled technical skills. Work requires predominately routine and some non-routine technical skills. Requiring practical knowledge of a technical field with use of judgment and decision-making abilities appropriate to the work environment to the organization.
Physical Demands	Work requires heavy physical exertion and effort. Forces exerted are equivalent to lifting between 25 and 50 pounds. The need for physical stamina and endurance is great. The degree of physical strain produced on the job is high. It results in fatigue, and requires periods of rest. Job requirements for manual dexterity and physical manipulation are high. Work could involve the coordination of body movements involving various body postures.
Contacts	Contacts are necessary to perform the job as work involves internal and external contacts for the purpose of explaining routine and non-routine business matters including how information was collected or processed or to correct a breakdown in the flow of information. Contacts are frequently with other departments. Work involves infrequent contact with people who are upset, uncooperative or have difficulty communicating their requirements and/or an infrequent requirement to communicate information that people do not want to hear or may find upsetting.
Responsibility	The job requires the provision of guidance and training to others. The job does not have formal or official supervisory responsibilities. The job does not perform a personnel function, supervise the employees or handle non-work problems.
Accountability	Decision/action situations have a moderate impact on the organization. Errors are usually detected after the fact and may result in significant interruption and delay in work output and may have a moderate impact on resources within a department. Errors may have an impact on other departments and external relationships.
Environment	Exposure to moderately adverse and undesirable environmental conditions. Some health and safety adverse risks. May require safety equipment and precautions.
Safety	Responsibility for personal performance as a source of minor safety risk. Work involves intermittent but daily use of equipment, tools or materials or defusing of potentially volatile situations.
Reading	Intermediate - Ability to read papers, periodicals, journals, manuals, dictionaries, thesauruses, and encyclopedias. Ordinarily, such education is obtained in high school up to college. However, it may be obtained from experience and self-study.
Math	Basic - Ability to perform the four basic arithmetic operations (addition, subtraction, multiplication, division). Ordinarily, such education is obtained in elementary school up to high school. However, it may be obtained from experience and self-study.
Writing	Basic - Ability to write simple sentences containing subject, verb, and object, and/or series of numbers, names, and addresses. Ordinarily, such education is obtained in elementary school up to high school. However, it may be obtained from experience and self-study.
Certifications & Other Requirements	Valid AZ Drivers' License upon hire. Backflow Assembly Certification within six (6) months of hire. Water Audit Certification within twelve (12) months of hire.



OVERALL PHYSICAL STRENGTH DEMANDS:

-Physical strength for this position is indicated below with “M”-				
Sedentary	Light	Medium	Heavy	Very Heavy
Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time.	Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	Exerting 50-100 lbs. occasionally, 10-25 lbs. frequently, or up to 10-20 lbs. constantly.	Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

PHYSICAL DEMANDS:

C Continuously 2/3 or more of the time.	F Frequently From 1/3 to 2/3 of the time.	O Occasionally Up to 1/3 of the time.	R Rarely Less than 1 hour per week.	N Never Never occurs.
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Note: This is intended as a description of the way the job is currently performed. It does not address the potential for accommodation.

-Physical Demand-	-Frequency-	-Brief Description-
Standing	F	Observing work site, observing work duties, communicating with co-workers
Sitting	O	Desk work, meetings, driving
Walking	O	To other departments/offices, around work site
Lifting	O	Supplies, files
Carrying	O	Supplies, files
Pushing/Pulling	O	File drawers, tables and chairs
Reaching	O	For supplies, for files
Handling	R	Paperwork
Fine Dexterity	F	Computer keyboard, telephone keypad, calculator
Kneeling	F	Filing in lower drawers, retrieving items from lower shelves/ground
Crouching	O	Filing in lower drawers, retrieving items from lower shelves/ground
Crawling	N	Under equipment
Bending	O	Filing in lower drawers, retrieving items from lower shelves/ground
Twisting	O	From computer to telephone
Climbing	R	Stairs, step stools
Balancing	R	On step stools
Vision	C	Reading, computer screen, driving
Hearing	O	Communicating via telephone/radio, to co-workers/public
Talking	F	Communicating via telephone/radio, to co-workers/public
Foot Controls	O	Driving
Other (specified if applicable)		



MACHINES, TOOLS, EQUIPMENT, SOFTWARE, AND HARDWARE:

Backhoe, front end loader, trencher, stump grinder, sod cutter, edger, bobcat tractor, toro reel mower, variety of power tools, and trimmers.

ENVIRONMENTAL FACTORS:

C Continuously	F Frequently	O Occasionally	R Rarely	N Never		D Daily	W Several Times per Week	M Several Times per Month	S Seasonally	N Never
-Health and Safety Factors-						-Environmental Factors-				
Mechanical Hazards			R			Respiratory Hazards		M		
Chemical Hazards			R			Extreme Temperatures		S		
Electrical Hazards			R			Noise and Vibration		S		
Fire Hazards			N			Wetness/Humidity		S		
Explosives			N			Physical Hazards		M		
Communicable Diseases			N							
Physical Danger or Abuse			N							

PROTECTIVE EQUIPMENT REQUIRED:

Safety glasses, earplugs, safety glasses, safety footwear, dust mask, chemical suits, and sunscreen

NON-PHYSICAL DEMANDS:

F Frequently From 1/3 to 2/3 of the time	O Occasionally Up to 1/3 of the time	R Rarely Less than 1 hour per week	N Never Never occurs
-Description of Non-Physical Demands-			-Frequency-
Time Pressure			O
Emergency Situation			R
Frequent Change of Tasks			O
Irregular Work Schedule/Overtime			O
Performing Multiple Tasks Simultaneously			O
Working Closely with Others as Part of a Team			F
Tedious or Exacting Work			O
Noisy/Distracting Environment			R

PRIMARY WORK LOCATION:

Office Environment		Vehicle	
Warehouse		Outdoors	X
Shop		Other	
Recreation/Neighborhood Center			