

**PUEBLO SCHOOL DISTRICT 60  
CLASSIFIED JOB DESCRIPTION**

**Job Title:** Backflow/Sprinkler System Repair Technician  
**Prepared Date:** 7/25/2017  
**Revised Date:** 11/13/2018  
**Work Year:** 261 days  
**Department:** Facilities  
**Reports To:** Trades Foreman  
**Salary Range:** Licensed/Certified Journey Trades – ACME Negotiated Agreement  
**Benefits:** Fringe Benefits based on ACME Negotiated Agreement  
**Status:** Non-Exempt

**SUMMARY OF FUNCTIONS:**

The primary responsibility of the Sprinkler Repair Technician is to perform a wide variety of skilled, journey-level duties in testing, maintenance, and repair of backflow prevention assemblies; Installs, maintains, and repairs sprinkler systems at District facilities.

**QUALIFICATIONS:**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. The physical demands, work environment factors, and mental functions described below are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**REQUIRED:**

- High School Diploma or equivalent
- Must be certified as a backflow prevention tester within 6 months of hire
- Minimum of two years' experience in maintenance, sprinkler system design, or related field
- Valid Colorado driver's license. Employee will be required to drive one or more District vehicles. Employee must be insurable by the District's insurance carrier
- Ability to pass District designated post-offer lift test
- Employee must complete a fingerprint-based criminal background check and must be cleared by the Office of Human Resources
- Must be able to communicate effectively in English, both orally and in writing, using proper grammar and vocabulary

**PREFERRED:**

**SKILLS AND KNOWLEDGE:**

- Excellent interpersonal and communication skills.
- Knowledge of the practices, techniques, methods, tools, and equipment used in the testing, installation, maintenance, and repair of backflow prevention assemblies

- Knowledge of safety practices, safe work methods, and safety regulation pertaining to the work of backflow prevention, sprinkler systems and related fields
- Knowledge in the use of oxyacetylene torch for cutting bolts and other materials
- Knowledge of the Safe Drinking Water Act and relevant EPA regulations pertinent to the testing, installation, and repair of backflow prevention assemblies
- Knowledge of codes, ordinances, and regulations pertaining to sprinkler system installation
- Knowledge of the uses and purposes of hand and power tools and equipment used on construction and general maintenance.
- Knowledge of the assembly and operation of labor saving devices such as scaffolding and personnel and material handling equipment.
- Sufficient math skills to make measurements and estimate costs.
- Ability to work from, interpret, and apply building plans, blueprints, and sketches, use shop mathematics, and layout such things as angles, arcs, and circles
- Ability to plan and layout the routing, placement, slant, slope, fall, and proper operation of various systems and equipment
- Ability to inspect, install, diagnose, and repair a wide variety of backflow prevention assemblies
- Ability to identify and implement effective courses of action to complete assigned work
- Ability to work with little or no supervision
- Knowledge and ability to accomplish complete job in accordance with established work procedures and standard trade practices; supervisor spot-checks work upon completion to ensure that it meets trade standards
- Ability to remain alert to operate the equipment in a safe manner according to safety rules and regulations and to avoid/prevent injury/damage
- Ability to operate equipment properly so that it is not damaged
- Ability to establish and maintain harmonious relationships with public and co-workers
- Excellent work history of reliable performance, including attendance, punctuality, and attention to job responsibilities.
- Prioritize, plan, organize, and execute work effectively, act independently, and exercise initiative in the performance of job duties.
- Ability and willingness to take ownership/responsibility for project completion and provide initiative in reaching organizational goals.
- Ability to work under pressure performing a multitude of ongoing tasks and last-minute deadlines and changes with minimal errors.

#### **ESSENTIAL DUTIES AND RESPONSIBILITIES:**

The following statements of duties and responsibilities are intended to describe the general nature and level of work being performed by individuals assigned to this position. These statements are not intended to be an exhaustive list of all duties and responsibilities required of all personnel within this position. This organization believes that every individual makes a

significant contribution to our success. That contribution should not be limited to assigned responsibilities. Therefore, this position description is designed to define primary duties, qualifications and job scope but should not limit the incumbent nor the organization to the work identified. It is our expectation that every employee will offer his/her services wherever and whenever necessary to ensure the success of the District's/department's goals. Actual duties, responsibilities, frequency, and percentages may vary depending upon building assignments and other factors.

- Perform field, on-site, and bench inspections of backflow assemblies to ensure conformance to standards
- Test, inspect, diagnose, troubleshoot, install, disassemble, rebuild, repair, and clean backflow assemblies
- Advise and confer with schools to schedule service shutdowns to inspect, test, and repair backflow assemblies.
- Maintain records and logs of backflow assembly inspections, tests and repairs.
- Ensure the timely and accurate completion of preventive maintenance activities.
- Requisition necessary tools, equipment and supplies.
- Research new operational methods, techniques and equipment and recommend their application.
- Test, inspect, diagnose, troubleshoot, install, disassemble, rebuild, repair, and clean District sprinkler systems
- Replace heads, repair leaks, change nozzles, and raise heads to adjust for correct spray coverage in District sprinkler systems
- Assist other maintenance employees with tasks as assigned
- Plans and lays out jobs from blueprints, drawings, sketches or verbal instructions; maintains records in the form of blueprints, plans and specifications for backflow prevention assemblies.
- Respond to emergency or critical incidents in order to confine, resolve, and/or prevent environmentally hazardous conditions

**NON-ESSENTIAL DUTIES:**

- Perform any and all other duties as assigned by Trades Foreman, Maintenance and Operations Supervisor, or the Executive Director of Facilities.

The physical demands, work environment factors, and mental functions described below are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**PHYSICAL DEMANDS:**

Every facilities employee must be able to pass a lift test required by the District. While performing the duties of this job, the employee is required to stand; walk; sit; use hands and fingers to handle or feel. The work requires the use of telephone and using fingers to operate computer keyboards. The employee is continually hearing and speaking to exchange

information. The employee is required to reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl.

In an 8-hour workday, this job requires:

R – Rarely (Less than .5 hr per day)

F – Frequently (2.5 – 5.5 hrs per day)

NA – Not Applicable

O – Occasionally (.5 – 2.5 hrs per day)

C – Continually (5.5-8 hrs per day)

<b>Physical Requirements</b>	<b>NA</b>	<b>R</b>	<b>O</b>	<b>F</b>	<b>C</b>
Sitting				<b>X</b>	
Stationary Sitting			<b>X</b>		
Walking (level surface)				<b>X</b>	
Walking (uneven surface)			<b>X</b>		
Crawling		<b>X</b>			
Crouching (bend at knees)				<b>X</b>	
Stooping (bend at waist)				<b>X</b>	
Twisting (knees/waist/neck)			<b>X</b>		
Turn/Pivot			<b>X</b>		
Climbing (stairs)			<b>X</b>		
Climbing (ladder)			<b>X</b>		
Reaching overhead			<b>X</b>		
Reaching extension			<b>X</b>		
Repetitive use arms				<b>X</b>	
Repetitive use wrists				<b>X</b>	
Repetitive use hands grasping				<b>X</b>	
Repetitive use hands squeezing				<b>X</b>	
Fine manipulation				<b>X</b>	
Using foot control			<b>X</b>		
*Pushing/Pulling Maximum weight: <b>100 lbs.</b>			<b>X</b>		
Lifting Maximum weight: <b>100 lbs.</b>			<b>X</b>		
Carrying Maximum weight: <b>75 lbs.</b>			<b>X</b>		

**WORK ENVIRONMENT:**

The noise level in the work environment is usually moderate but a technician may be exposed to very loud noises that can damage hearing without proper protection. The technician may work inside and outside in all different weather conditions including extreme cold and extreme heat. The technician may be exposed to unpleasant sights and smells. He/she may at times be exposed to dangerous and/or toxic substances and must take necessary precautions to protect eyes, nose, and skin from irritation and infection. Regularly exposed to the possibility of receiving cuts and serious injuries and risk of electrical shock while performing work using power tools