

PUEBLO SCHOOL DISTRICT 60
CLASSIFIED JOB DESCRIPTION

It is essential that all employees of Pueblo School District 60 understand our mission is to provide a high-quality education that assures each student the knowledge, skills, and dispositions to lead a life of purpose and impact. Employees support the community and thrive in connecting with our students by embracing the core values of the district, which state:

- We believe that the success of every student is our most important commitment.
- We believe that collaboration and engagement with our community, parents, staff, and students are essential to our success.
- We believe that we must act with integrity, celebrate diversity, and promote equity.
- We believe that each individual must be treated with dignity and respect.
- We believe that the social and emotional well being of our students is as important as their academic needs.
- We believe that it is our responsibility to provide a safe, positive, and supportive environment for our students and staff
- We believe that our community heritage, traditions, and history should inform our response to future student and district needs.

As we embrace these values and consider their impact, we will achieve our vision of being a high performing school district that inspires community confidence. Each employee plays a part, and that contribution should bring us closer to helping each student achieve their dreams.

Job Title: Steamfitter/Welder
Prepared Date: 12/6/2018
Revised Date: 9/1/2021
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 Steamfitter/Welder is to layout, assemble, install, or maintain pipe systems, pipe supports, or related hydraulic or pneumatic equipment for steam, hot water, heating, cooling, or sprinkling. Performs specialized welding, cutting, fabricating, and brazing of structures, fixtures, and components. This is a skilled maintenance position requiring journey-level skills and certification and experience in welding and for water distribution, gas, steam, and other pressurized fluid flow systems.

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
- 2 years of welding experience or completion of formal welding program
- 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:

- Welding certifications preferred (High pressure Pipe, Low Pressure Pipe, Structural Welder, Welding Certificate, etc.

SKILLS AND KNOWLEDGE:

- Excellent interpersonal and communication skills.
- Knowledge of welding, including materials processes, and characteristics of various metals, fluxes, and other materials
- Knowledge of the types and uses of electric and oxyacetylene welding equipment, and heat and weld characteristics
- Knowledge of and skill at fabricating metal components, parts, and fixtures
- Ability to fabricate and weld various types of joints from all positions
- Ability to setup and adjust welding equipment
- Ability to perform layouts of materials, components, and parts prior to welding, to accurately identify weld locations, and perform detailed measurements
- Knowledge of potable water, wastewater, air, gas, and other fluid flow systems
- Knowledge of the principles, practices, methods, techniques, materials, tools, equipment, layouts and set-ups used in plumbing
- 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 install, modify, and repair new and existing utility, supply, and disposal systems and equipment
- 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 set up system routes, place and cut route openings, place hangers for proper level and slope, and determine and install valves, traps, and unions needed for proper operation of system
- 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 skilled repairs and/or modifications to structural metal components of school buildings and structures
- Prepare welding equipment for proper usage. Verify proper energy source and supplies. Prepare the layout of equipment to perform as needed; Move equipment in to proper location to maximize safety, functionality, and quality
- Fabricate metal structures such as grills, grates, catwalks, steel stairs, playground equipment, fences, rails, gates, and other fixtures from structural shapes and plates

- Fuse metal parts together for the repair and maintenance of equipment such as steel furniture, machinery, pipe tubing, castings, and motor vehicle body fixtures requiring the use of either electric, oxyacetylene, or heliarc equipment
- Arrange components and structures for welding, often without use of patters or fixtures
- Assist plumbers in the installation, inspection, maintenance, repair, or replacement of plumbing systems in the District.
- Measure, mark, cut, thread, or hammer pipes to specifications, using tools such as saws, cutting torches, pipe threaders, or pipe benders
- Lay out full scale drawings of pipe systems, supports, or related equipment, according to blueprints
- Assemble or secure pipes, tubes, fittings, or related equipment, according to specifications, by welding, brazing, cementing, soldering, or threading joints
- Inspect, examine, or test installed systems or pipelines, using pressure gauge, hydrostatic testing, observation, or other methods
- Attach pipes to walls, structures, or fixtures, such as radiators or tanks, using brackets, clamps, tools, or welding equipment
- Modify, clean, or maintain pipe systems, units, fittings, or related machines or equipment
- Install automatic controls to regulate pipe systems
- Remove and replace warn components
- Operate specialized and demanding machinery such as but not limited to that which is used for trenching (e.g., trencher, backhoe, etc.) to locate, dig, and otherwise aid in construction, upgrade, and repair of lines and pumping stations.
- Recommends standards and specifications for equipment, materials, and workmanship for work performed by staff and outside contractors.
- 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 and Construction Management.

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 a 7.5-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 – 7.5 hrs per day)

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

WORK ENVIRONMENT:

While performing the duties of this job, the employee is occasionally exposed to fumes or airborne particles, toxic or caustic chemicals, glue or bonding agents; regularly exposed to the possibility of receiving cuts and serious injuries and risk of electrical shock while performing work on electrical systems; outdoor weather conditions; extreme cold; extreme heat;. The noise level in the work environment will occasionally be loud enough to require hearing protection.