

Position Description

To perform this job successfully, an individual must be able to perform the essential job functions satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the primary job functions herein described. Since every duty associated with this position may not be described herein, employees may be required to perform duties not specifically spelled out in the job description, but which may be reasonably considered to be incidental in the performing of their duties just as though they were actually written out in this job description.

Job Title: Welding Technician

Pay Table: Support

Pay Grade: 12

FLSA Status: TBD

Job Code: 641

Reports to: Welding Foreman

JOB SUMMARY

Under the general supervision of the Welding Foreman, the Welding Technician welds all types of metals, designing, fabricating and repairing equipment and fixtures.

ESSENTIAL JOB FUNCTIONS

- Troubleshoots and repairs wide variety of equipment and building fixtures.
- Welds and repairs boilers, pumps, water tanks and related equipment.
- Inspects, maintains and repairs still and rolling bleachers.
- Maintains sawdust collectors and other shop equipment used in trade classes.
- Welds and repairs air compressors.
- Repairs, welds, and replaces heating and cooling coils.
- Troubleshoots and repairs coils, shafts and grills.
- Repairs all types of lockers.
- Installs fixtures and equipment.
- Maintains, repairs and installs stage equipment (fire doors, louvers, batons, counter weights, walkways, fire links).
- Installs and maintains chain link fences and borders (railings, guides and chains).
- Installs and maintains hydraulic pumps (on snow plows, dump trucks, etc.).
- Installs and repairs batting cages and other athletic fixtures and equipment.
- Installs and repairs window louvers and door frames, hinges, thresholds, and lintels.
- Builds and installs roof supports, indoor and outdoor signs, and custom truck racks for maintenance vehicles.
- Repairs and maintains flagpoles.
- Welds portable classroom trailers.
- Designs, prepares drawings or prints, fabricates and welds custom metal products, including replacement parts; does miscellaneous welding throughout the district.
- Installs and modifies natural gas welded main lines (e.g., replaces underground with above ground lines, assists with packing and repair of valves).
- Constructs, installs, and repairs playground equipment, including soccer goals, baseball backstops, swings, picnic tables, basketball standards, and volleyball and

tetherball equipment.

- Lays out playgrounds to meet area codes for backstops, soccer goals, basketball standards, swings, tetherball poles, etc.
- Installs, maintains, and repairs gym equipment, including bleachers, scoreboards, chin-up bars, ladders, fold-up basketball standards, and weight lifting equipment.
- Drives vehicle, hauling necessary equipment and materials to work sites.
- Transports, installs, anchors and removes district heavy fixtures and equipment, such as lathes, welders, planers, and sanders.
- Repairs and operates heavy equipment such as forklifts, high lift trucks, jackhammers, snowplows, sanders, dump trucks, scissor lift and backhoe.
- Supervises and instructs laborers and helpers as assigned by foreman.
- Delivers and picks up parts as required.
- Assists in locating and pricing parts.

MINIMUM REQUIREMENTS

- Completion of one (1) year of college or technical school training program or equivalent education and/or experience preferred.
- Completion of formal four (4) year apprenticeship preferred.
- Continuing education courses required after employment.
- Vender, new-product training is continuing requirement after employment.
- Four (4) years of experience related to the above tasks, knowledges, skills and abilities or an equivalent combination of education and experience.
- Welding certification.
- Certification for welding natural gas lines and pressure vessels.
- Passing of American Welding Society (AWS) standards tests using shielded metal arc, gas metal arc, flux cored arc and gas tungsten arc welding, plus oxyfuel gas and air carbon arc cutting preferred.
- New certifications, offered by venders, manufacturers and schools may occasionally be obtained after employment.
- Driver's License.
- Ability to obtain CDL within 4 months.

KNOWLEDGE, SKILLS AND ABILITIES

- Knowledge of both structural and plate steel capabilities.
- Basic knowledge of metallurgy and ability to work with a wide variety of metals (e.g., copper, aluminum, cast iron, and stainless metals).
- Working knowledge of all types of welding rods and related fluxes and products.
- Layout/fitup principles and practices.
- Applicable codes and standards.
- Knowledge of welding specifications.
- Welding inspection and testing.
- Knowledge of welding and installation of natural gas lines and use of safety equipment.
- Knowledge of steel cable systems, winches and related equipment.
- Ability to read and interpret blueprints and drawings.
- Knowledge of layout spaces and relationships.
- Knowledge of material safety data sheets (MSDS) preferred.
- Ability to use small office equipment and computers.

- Ability to use or repair small, medium and heavy equipment and machinery.

PHYSICAL DEMANDS

Very heavy work: Exerting in excess of 100 pounds of force occasionally and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects. The work also requires the following physical abilities in order to perform the essential job functions: balancing, climbing, crawling, crouching, feeling, fingering, grasping, handling, hearing, kneeling, lifting, mental acuity, pulling, pushing, reaching, repetitive motion, speaking, standing, stooping, talking, visual acuity and walking.

WORKING CONDITIONS

Employees in this position work in an environment with heavy equipment and machinery that could result in bodily harm to co-workers or others.

The Davis School District has the right to revise this position description at any time.