



# DEER VALLEY

Unified School District

## JOB DESCRIPTION

JOB TITLE: **Craftsman Maintenance VIII – Welder III**

Position Type: <b>Classified</b>	Department: <b>Facilities</b>
Salary Schedule: <b>Classified</b>	Reports to: <b>Facilities Director</b>
Salary Range: <b>33</b>	
Term of Employment: <b>12 months</b>	Date: <b>October 26, 2016</b>
Shift: <b>Day</b>	Approved by: <b>Human Resources</b>

### **POSITION SUMMARY:**

Performs a variety of highly skilled welding and metal work in the construction, maintenance and repair of metal structures.

*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. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

### **ESSENTIAL FUNCTIONS:**

- Picks up, transports, and delivers welding equipment, tools and supplies using a utility vehicle.
- Operates utility vehicles up to one ton, forklift (5000 lb. Capacity), and other mechanical equipment required lifting and transporting heavy loads.
- Operates hand and power tools associated with welding, such as chipping hammer, grinders, arc welder, oxygen/acetylene torch, etc. including setup or connection of hoses, cords, regulators, etc.
- Works from blueprints or instructions from supervisors, welder's layout, design, fabrication and selection of tools, materials, supplies and equipment required completing an assigned task.
- Performs a variety of electric resistance and/or oxyacetylene welding processes and methods to weld all types of commonly used metals and alloys of various shapes, sizes, thickness, etc.
- Selects proper size and type of welding electrodes for specific welds to assure penetrations, and complete fusion of base and filler metals.
- Makes adjustments to welding machine such as adjusting polarity, voltage, amperage, etc.
- Tempers metals by heating, using proper methods and techniques to attain the desired temper.
- Welds in all positions including, flat, horizontal, vertical, and overhead position in confined spaces, and in cramped and uncomfortable positions.

- Cuts, welds, and repairs all types of equipment, equipment attachments, vehicles, structural steel, etc. where strength and appearance are of primary concern.
- Welds high-pressure water, steam and gas lines, fittings, etc.
- Evaluates work orders and determines material needs and cost to complete projects as assigned.
- Processes requisitions to acquire materials and supplies needed.
- Inspects work areas in order to perceive or detect problems, need for repair or maintenance or other factors affecting manual work to be done.
- Knowledge of applicable codes.
- Knowledge of welding procedures, practices, and techniques required welding and/or fusing metals together where strength and appearance are of primary concern.
- Working knowledge of different metals and alloys commonly welded, various electrode types and sizes, and accepted procedures and practices used in all types of welding.
- Must be able to work from blueprints, sketches, procedures and other specifications.
- Ability to weld various sizes and shapes of metal objects such as pipe, channel iron, tanks, structural forms, plate metal, sheet metal, etc. involving high pressure.
- Ability to shape, form, bend, and fit metals to odd shaped sizes to assure proper fit.
- Must have the mechanical and technical knowledge and skill to perform operator maintenance on all equipment pertinent to the position.

**MARGINAL DUTIES:**

- Other job related duties as assigned by the supervisor.
- Assists other personnel as may be required for the purpose of supporting them in the completion of their work activities.
- Is subject to call outs during evening, weekends or holidays if emergency repairs and/or maintenance are needed.

**SUPERVISORY RESPONSIBILITIES:**

- Assists and trains less experienced personnel.

**SKILLS/ABILITIES/KNOWLEDGE/WORK STYLE:**

- Ability and desire to provide outstanding customer service.
- Ability to work effectively under time constraints.
- Able to work a flexible schedule, which may include weekend work.
- Must be able to comply with District's attendance standards as described in established guidelines.
- Must maintain a well-groomed appearance.
- Must be a team player and get along well with others.
- Must be highly organized with the ability to multitask.
- Must be detailed-oriented and self-motivated.
- Handwriting must be legible.
- Must have excellent communication skills.
- Must have excellent memory and ability to function well under stress.
- Must demonstrate an extremely high regard for confidential and sensitive information.

- Must demonstrate flexibility, common sense, and good judgment.
- Must have ability to keep abreast of information pertinent to the job.
- Ability to read and interpret a variety of instructions furnished in written, oral, diagram, or schedule form.
- Ability to write routine reports and correspondence.
- Ability to add, subtract, multiply, and divide in all units of measure using whole numbers, common fractions, and decimals.
- Ability to compute rate, ratio, discounts and percent and to draw and interpret bar graphs.
- Ability to solve practical problems and deal with a variety of concrete variables in standardized situations.
- Ability to effectively present information in one-on-one and small group situations.
- Interpersonal relation skills required.
- Must have basic knowledge of computers.
- Ability to operate specific equipment or tools.
- Knowledge of contemporary methods and techniques in welding and metal fabrication required

**CERTIFICATES, LICENSES AND REGISTRATONS REQUIRED:**

- Must have authorization to work in the United States as defined by the Immigration Reform Act of 1986.
- Valid Arizona Drivers License.
- Must not have accrued six (6) points against driver's license within the past three (3) years.

**EDUCATION AND/OR EXPERIENCE:**

- High School diploma or general education degree (GED).
- A minimum of 4 years proven experience in the skilled trade or craft (Welding) and/or training; or equivalent combination of both.

**ADVANCEMENT REQUIREMENTS FROM WELDER II LEVEL:**

- May attain this level of Welder III after 4 years of related experience and 3 years of service with the district in the related craft (Welding).

**PHYSICAL DEMANDS:**

- Regularly required to stand, use hands to finger, handle, or feel objects, tools, or controls, reach with hands and arms, and talk or hear.
- Must frequently climb or balance, stoop, kneel, crouch or crawl, and taste or smell.
- Must occasionally lift and/or move more than 100 lbs.
- Must have close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

**ENVIRONMENTAL CONDITIONS:**

- The noise level in the work environment is usually loud.
- The employee frequently works near moving mechanical parts.
- The employee occasionally works in high, precarious places and in outside weather conditions.
- The employee is occasionally exposed to fumes or airborne particles, toxic or caustic chemicals, risk of electrical shock and vibration.

**COMMENTS:**

*This job description is intended to be representative of the work performed by employees in this position and is not all-inclusive. The omission of a specific duty or responsibility will not preclude it from the position if the work is similar, related, or a logical extension of position responsibilities as defined by the supervisor.*

*This is a temporary management guide tool, subject to change*