



Welder Fabricator

Category: Classified
Pay Grade: C18
Job Code: 12970

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 SUMMARY

Performs specialized work involving welding and custom metal fabrication in a large diversified fleet services organization; performs a variety of welding, metal cutting, and metal fabrication work; may on occasion be required to train or lead personnel in the completion of assignments and projects.

ESSENTIAL JOB FUNCTIONS (examples, not all inclusive)

- Evaluates requests for welding or metal fabrication services and determines work to be performed;
- Performs soldering, brazing, welding, cutting, and metal fabrication tasks as required;
- Provides training and guidance to mechanic welders as required;
- Orders tools, parts, and materials required to perform welding and metal fabrication; and
- Performs other related job duties as assigned.

QUALIFICATIONS

Education and Experience:

Five (5) years of welding fabrication experience; or an equivalent combination of education, training, and/or experience.

Special Qualifications (May be required depending on area of assignment):

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- American Welding Society welding certificate (Shielded Metal Arc Welding (SMAW) Course Number: D1.1 A36 E-7018 3G L).
- Other knowledge, skills, abilities, and credentials required for a specific position.

Knowledge, Skills and Abilities:

- Knowledge of metal joining methods such as soldering, brazing, oxyacetylene welding, arc welding, metal inert gas (MIG) welding, tungsten inert gas (TIG) welding, and heliarc welding;
- Knowledge of occupational hazards and appropriate safety practices associated with welding and metal fabrication;
- Knowledge of the physical properties of various metals and the ability to apply this knowledge to the design of metal objects and structures;
- Knowledge of the basic repair process of automobiles and heavy equipment bodies, frames, and related components;
- Skill in the use and maintenance of metal cutting, forming, and fabrication equipment such as brakes, ironworkers, spray welders, and band saws;
- Ability to interpret drawings and blueprints to estimate material and labor requirements;

- Ability to plan and prioritize work;
- Ability to work independently;
- Ability to train co-workers and plan associated work;
- Ability to do heavy manual labor for extended periods;
- Ability to endure long periods of standing, walking, or working in inclement weather and possession of sufficient physical strength and agility to lift and move heavy objects;
- Ability to operate a truck-mounted crane.

PHYSICAL/MENTAL DEMANDS

The work is medium work which requires exerting up to 50 pounds of force occasionally, and/or up to 30 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects. Additionally, the following physical abilities are required:

- **Balancing:** Maintaining body equilibrium to prevent falling while walking, standing or crouching on narrow, slippery, or erratically moving surfaces. The amount of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.
- **Climbing:** Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized.
- **Crawling:** Moving about on hands and knees or hands and feet.
- **Crouching:** Bending the body downward and forward by bending leg and spine.
- **Feeling:** Perceiving attributes of objects, such as size, shape, temperature or texture by touching with skin, particularly that of fingertips.
- **Fingering:** Picking, pinching, typing, or otherwise working, primarily with fingers rather than with the whole hand as in handling.
- **Grasping:** Applying pressure to an object with the fingers and palm.
- **Handling:** Picking, holding, or otherwise working, primarily with the whole hand.
- **Kneeling:** Bending legs at knee to come to a rest on knee or knees.
- **Lifting:** Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. Occurs to a considerable degree and requires substantial use of upper extremities and back muscles.
- **Pulling:** Using upper extremities to exert force in order to draw, haul or tug objects in a sustained motion.
- **Pushing:** Using upper extremities to press against something with steady force in order to thrust forward, downward, or outward.
- **Reaching:** Extending hand(s) and arm(s) in any direction.
- **Visual ability:** Sufficient to effectively operate office equipment including copier, computer, etc.; and to read and write reports, correspondence, instructions, etc.
- **Hearing ability:** Sufficient to hold a conversation with other individuals both in person and over a telephone; and to hear recording on transcription device.
- **Speaking ability:** Sufficient to communicate effectively with other individuals in person and over a telephone.
- **Mental acuity:** Ability to make rational decisions through sound logic and deductive processes.
- **Talking:** Expressing or exchanging ideas by means of the spoken word including those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.
- **Repetitive motion:** Substantial movements (motions) of the wrist, hands, and/or fingers.
- **Standing:** Particularly for sustained periods of time.
- **Stooping:** Bending body downward and forward by bending spine at the waist. Occurs to a considerable degree and requires full motion of the lower extremities and back muscles.
- **Walking:** Moving about on foot to accomplish tasks, particularly for long distances or moving from one work site to another.

WORKING CONDITIONS

Work is performed in an environment with heavy equipment and machinery that could result in bodily harm to co-workers or others.