

## **Merrill Fab Job Description**

**Job Title:** Welder/Fabricator  
**Department:** Merrill Fab Operations  
**Reports To:** Shop Supervisor or Shop Foreman  
**FLSA Status:** Non-Exempt  
**Prepared By:** Human Resources  
**Prepared Date:** July 1, 2009  
**Approved By:** VP Operations  
**Approved Date:** 7/16/2009

### **SUMMARY**

Lays out, fits, and welds fabricated components to assemble structural forms such as machinery frames, tanks, pressure vessels, structural steel, and sheet steel by performing the following duties. Requires advanced knowledge/ experience of welding, blue-print reading and fabricating.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following. Other duties may be assigned.

Has advance knowledge of blueprints.

Utilizes all hand tools and grinders.

Set-up and use an oxygen/acetylene torch for cutting purposes.

Develops layout and plans sequence of operations.

Locates and marks bending and cutting lines onto workpiece.

Hammers, chips, and grinds workpiece to cut, bend, and straighten metal.

Positions, aligns, fits, preheats workpieces, and welds together parts.

Verifies conformance of workpiece to specifications.

Fabricates and assembles sheet metal products.

Bolts, clamps, and tack-welds parts to secure in position for welding.

Repairs products by dismantling, straightening, reshaping, and reassembling parts.

Distinguished varying thickness' of metal materials.

Lays out, positions, aligns, and fits components together.

Positions and clamps together components of fabricated metal products preparatory to welding.

### **SUPERVISORY RESPONSIBILITIES**

This job has no supervisory responsibilities.

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

### **EDUCATION and/or EXPERIENCE**

High school diploma or general education degree (GED); or one to three months related experience and/or training; or equivalent combination of education and experience.

### **LANGUAGE SKILLS**

Ability to read a limited number of two- and three-syllable words and to recognize similarities and differences between words and between series of numbers. Ability to print and speak simple sentences.

### **MATHEMATICAL SKILLS**

Ability to add and subtract two digit numbers and to multiply and divide with 10's and 100's. Ability to perform these operations using units of American money and weight measurement, volume, and distance.

### **REASONING ABILITY**

Ability to apply common sense understanding to carry out detailed but uninvolved written or oral instructions. Ability to deal with problems involving a few concrete variables in standardized situations.

### **CERTIFICATES, LICENSES, REGISTRATIONS**

**PHYSICAL DEMANDS** The physical demands described here 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.

While performing the duties of this job, the employee is regularly required to stand; walk; use hands to finger, handle, or feel; and talk or hear. The employee is occasionally required to reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl. The employee must regularly lift and/or move up to 50 pounds. Specific vision

abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

**WORK ENVIRONMENT** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to moving mechanical parts and fumes or airborne particles. The employee is frequently exposed to vibration. The employee is occasionally exposed to wet and/or humid conditions. The noise level in the work environment is usually loud.

### **COMMENTS**

The above statements reflect the general details necessary to describe the principle functions of the occupation described and shall not be construed as a detailed description of all the work requirements that may be inherent in the occupation. A person in this position must exhibit the skills and knowledge necessary to advance to the next level of the Weld/Fabricator position. There are no time constraints limiting the time a person can spend in this position.