

Armstrong Rapid Manufacturing  
Hourly Non-Exempt Position Description

Job Title: Welder -Foundry Utility Person    Reports To: Foundry Technical Manager    Dept: Foundry

Summary/Objective: Responsible

Welder Responsible for permanently joining metal parts using high heat application to form a permanent bond. Tig welds aluminum. May specialize in one of many different processes of welding to join metals together.

Job Responsibilities

- Uses electrical currents to create heat and bond metals.
- Ignites torch and adjusts valves, amperage, or voltage to obtain desired flame or arc.
- Lays outs, positions, and secures parts and assemblies according to specifications using appropriate measurement tool(s).
- Installs or repairs equipment as needed.
- Visually inspects casting to determine repair to be made.
- Using portable arc welder repairs cracks, fills holds etc. to repair castings.
- Weld materials such as aluminum, steel etc. in flat, vertical or overhead positions as needed using tig and mig welding as applicable.
- Mig welds metal together to repair plant facilities or to install equipment
- Maintains adequate inventory of welding supplies.
- Assists in straightening castings as requested.
- Assists in maintenance duties as requested.
- Uses a rod and heat to join metals.
- Operates welding machine that feeds wire to bond materials.
- Uses molten metal to join two pieces of metal.
- Connects copper plumbing pipes and thinner metals.
- Plans work by interpreting blueprints.
- Determines welding position and type of metal to be fused.
- Selects and set up welding equipment.
- Ensures welds meet standards and specifications.
- Monitors machines or equipment that perform automated welding tasks.
- Loads parts correctly and monitor machine constantly.
- Uses heat from an electric arc to cut and trim metal objects.
- Dismantles large objects as needed.
- Observes tests on welded surfaces such as hydrostatic, x-ray, and dimension tolerance to evaluate weld quality and conformance to specifications. Inspects grooves, angles, or gap allowances using micrometer, caliper and precision measuring instruments.
- Removes rough spots from piece using portable grinder, hand file or scraper.
- Complies with all company policies and safety rules and regulations.
- Performs other tasks such as but not limited to grinding and deburring as directed.

Educational, Experience Based, and Skill Qualifications

Welder with five (5) years of experience preferably in aluminum tig welding. Experience in other types of welding such as mig welding a plus. Must be a certified welder. Ability to read blueprints and schematics

Physical Requirements

Ability to walk, remain on feet for extended time periods, reach, stoop. Kneel and lift up to an including 35 pounds as needed.

AAP/EEO Statement

Armstrong is proud to be an equal opportunity workplace and an affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, veteran status, or any other characteristic. We are an Equal Opportunity Employer of Minorities, Females, Protected Veterans, and Individuals with Disabilities.

Management reserves the right to revise job description(s) at any time. This job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of this job. Duties, responsibilities and activities may change at any time with or without notice.

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Department Manager	Date	President	Date