



Signal Metal Industries, Inc.

Yellow Hat Welder

Department: Fabrication
FLSA Status: Non-Exempt
Grade/Level: Salary Grade – Yellow Hat Welder
Work Schedule:
Actual Shift assigned by Manager or Supervisor. Possible 8-12 hours shifts
4-6 days/week.

Job Status: Fulltime
Reports To: Fab. Manager/Supervisor
Travel Requirements: None
Position Supervised: None

POSITION SUMMARY

Fabricate, lay out, position, align, weld, and fit parts of structural metal products while following all safety regulation and guidelines.

ESSENTIAL FUNCTIONS

Reasonable Accommodations Statement:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Reasonable Accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.

Essential Functions Statement(s):

- Position, align, fit, and weld parts to form complete units or subunits, following blueprints and layout specifications, and using jigs, welding torches, and hand tools.
- Verify conformance of workpieces to specifications, using squares, rulers, and measuring tapes.
- Tack-weld fitted parts together.
- Lay out and examine metal stock or workpieces to be processed in order to ensure that specifications are met.
- Align and fit parts according to specifications, using jacks, turnbuckles, wedges, drift pins, pry bars, and hammers.
- Locate and mark workpiece bending and cutting lines allowing for stock thickness, machine and welding shrinkage, and other component specifications.
- Position or tighten braces, jacks, clamps, ropes, and/or bolt parts in position for welding or riveting.
- Study engineering drawings and blueprints to determine materials requirements and task sequences.
- Move parts into position, manually or by using hoists or cranes.
- Set up and operate fabricating machines such as turning, rolls, positioners, flame cutters, grinders, cut, forms, punch, drill, or otherwise form and assemble metal components.
- Hammer, chip, and grin workpieces in order to cut, bend, and straighten metal.
- Smooth workpiece edges, and fix taps, tubes, and valves.



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- Design and construct templates and fixtures, using hand tools.
- Assist in straightening warped or bent parts, using sledges, hand torches, straightening presses, or bulldozers.
- Mark reference points onto floors or face blocks and transpose them to workpieces, using measuring devices, squares, chalk, and soapstone.
- Set up face blocks, jigs, and fixtures.
- Remove high spots and cut bevels, using hand files, portable grinders, and cutting torches.
- Lift or move materials and finished products, using large cranes.
- Preheat workpieces to make them malleable, using hand torches or furnaces.
- Erect ladders and scaffolding to fit together large assemblies.
- Position and maneuver scissors lifts following safety regulations with appropriate equipment.
- Capable of following and understanding weld and heating procedures.

POSITION QUALIFICATIONS

- Accuracy – Ability to perform work accurately and thoroughly.
- Applied Learning – Ability to participate in needed learning activities in a way that makes the most of the learning experience.
- Detail Oriented – Attention to detail of project or task.
- Responsible - Ability to be held accountable or answerable for ones conduct.
- Safety Awareness - Ability to identify and correct conditions that affect employee safety.
- Technical Aptitude – Ability to comprehend complex technical topics and specialized information.
- Accountability – Ability to accept responsibility and account for his/her actions.
- Reliability – The trait of being dependable and trustworthy.

SKILLS & ABILITIES

Educations: High School Graduate or GED and technical school graduates. Related work experience may be substituted for education.

Experience: 6 months to 1 year related experience

Computer Skills

Basic computer skills needed

Certificate & Licenses

Must pass Signal Metal internal weld test within the first 30 days of employment.

Other Requirements

Must pass the Signal Metal Flux Core Welding Test. Must provide your own welding equipment and wear appropriate safety gear and proper attire at all times.



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PHYSICAL REQUIREMENTS:

- Must be able to perform duties in a safe manner. This job requires the ability to wear a hard hat, safety glasses, metatarsal boots, hearing protection, and other required PPE equipment.
- Must be able to bend, stoop, climb, and reach around all areas of equipment.
- Lift up to 50lbs.
- Will work in varied environments (in all weather conditions heat, cold, wet, humid, dry and/or dusty conditions).
- Read, comprehend and complete basic checklists, forms or other related documents.
- Must be willing to work overtime as required.

PHYSICAL DEMANDS

Physical Demands

Lift/Carry

Stand	C (Constantly)	10 lbs. or less	F (Frequently)
Walk	F (Frequently)	11-20 lbs.	O (Occasionally)
Sit	O (Occasionally)	21-50 lbs.	O (Occasionally)
Handling / Fingering	F (Frequently)	51-100 lbs.	N (Not Applicable)
Reach Outward	F (Frequently)	Over 100 lbs.	N (Not Applicable)
Reach Above Shoulder	F (Frequently)	Push/Pull	
Climb	F (Frequently)	12 lbs. or less	F (Frequently)
Crawl	F (Frequently)	13-25 lbs.	O (Occasionally)
Squat or Kneel	F (Frequently)	26-40 lbs.	O (Occasionally)
Bend	F (Frequently)	41-100 lbs.	O (Occasionally)

N (Not Applicable)

Activity is not applicable to this occupation.

O (Occasionally)

Occupation requires this activity up to 33% of the time (0-2.5+ hrs. /day)

F (Frequently)

Occupation requires this activity from 33-66% of the time (2.5-5.5+ hrs. /day)

C (Constantly)

Occupation requires this activity more than 66% of the time (5.5+ hrs. /day)