



## Signal Metal Industries, Inc.

### Fitter - A

---

**Department:** Fabrication

**FLSA Status:** Non-Exempt

**Grade/Level:** Salary Grade Fitter "A" or "B"

**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.



## Signal Metal Industries, Inc.

- 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.
- Set up and operate fabricating machines such as hydraulic jacks, port-a- powers, laser levels, flame cutters and grinders to bend, cut, form, punch, drill, or otherwise form and assemble metal components.
- Lift or move materials and finished products, using large cranes.
- Heat-treat parts, using acetylene torches.
- Preheat workpieces to make them malleable, using hand torches or furnaces.
- Erect ladders and scaffolding to fit together large assemblies.
- Verify inspection points have been met.
- Requires basic mathematical skills including geometry.
- Position and maneuver scissors lifts following safety regulations with appropriate equipment.
- Capable of following and understanding weld and heating instructions.

### POSITION QUALIFICATIONS

- Problem Sensitivity - The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
- Selective Attention -the ability to concentrate on a task over a period of time without being distracted.
- 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 - Ability to pay attention to the minute details of a project or task.
- Organized -Possessing the trait of being organized or following a systematic method of performing a task.
- Resource Management (People & Equipment) - Ability to obtain proper usage of equipment, facilities, materials, as well as personnel.
- Responsible - to hold accountable or answerable for one's conduct.
- Safety Awareness - Ability to identify and correct conditions that affect employee safety.
- Technical - Knowledge of design techniques, tools, and principals involved in production of precision technical plans, blueprints, drawings, and models.
- Accountability -Ability to accept responsibility and account for his/her actions.
- Reliability - the trait of being dependable and trustworthy.
- Communication, Oral -Ability to communicate effectively with others using the spoken word.

### SKILLS & ABILITIES

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



# Signal Metal Industries, Inc.

**Experience:** 5 years related experience

**Computer Skills**

**Certificate & Licenses**

**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.

**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             | F (Frequently)   | 26-40 lbs.      | O (Occasionally)   |
| Kneel Bend           | F (Frequently)   | 41-100 lbs.     | O (Occasionally)   |

N (Not Applicable)

O (Occasionally)

F (Frequently)

C (Constantly)

Activity is not applicable to this occupation.

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

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

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