



FUNCTIONAL JOB DESCRIPTION

JOB TITLE: Fabricator

DEPARTMENT: Fabrication

REPORTS TO: Foreman

STATUS: Non-Exempt

SUMMARY: Is capable of performing a variety of functions dealing with fabrication. The individual should be familiar with, and capable of, using various types of fabrication machines. A fabricator is also required to perform other miscellaneous tasks, as supervision deems necessary.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Reads and interprets blueprints and machine drawings to determine specific requirements.
- Determine which machine to use and how to set up each job.
- Operates and tends machines such as shears, cutoff saws, brakes, punch press, and drill press, to cut and shape components to specified dimensions.
- Grinds welded joints, seams, and other irregular areas to smooth boiler surfaces.
- Selects torch, torch tip, filler rod and flux, according to welding chart specifications or type and thickness of metal.
- Hammers, chips, and grinds work piece to cut, bend and straighten metal.
- Performs light maintenance and repair to equipment used.
- Moves and positions materials at work site with help of other workers.
- Be able to move parts in and move finished product out of fab area.

EDUCATION (OR EQUIVALENT EXPERIENCE): Associate's degree (A.A.) or equivalent from two-year college or technical school; or six months to one year related experience and/or training; or equivalent combination of education and experience.

LICENSES OR CERTIFICATIONS: Forklift training certification or the ability to receive it.

SKILLS/KNOWLEDGE/ABILITIES REQUIRED:

- Ability to read and interpret documents furnished in written, oral, diagram, or schedule form such as safety rules, operating and maintenance instructions, quality manuals and procedure manuals.
- Ability to deal with problems involving several concrete variables in standardized situations.
- Be able to read and interpret blueprints.
- Must be able to read a tape measure.
- Ability to perform simple shop math, convert decimals to fractional equivalents.
- Ability to interpret tolerances.
- Must be able to identify and measure material.

PHYSICAL DEMANDS:

- Bend/stoop continuously-moving raw steel or finished parts, using sawhorses, table, or floor.
- Squat occasionally-moving raw steel or finished parts, using saw horses, table, or floor.
- Kneel/crouch occasionally-moving raw steel or finished parts, using saw horses, table, or floor.
- Balance continuously-working around equipment and machines.
- Reach above shoulder level frequently.

- Push/pull four-wheel carts, A-frames frequently.
- Carry metal parts ranging from 1 lb. to 25 lbs. continuously.
- Carry metal parts ranging from 26 lbs. to 60 lbs. frequently.
- Carry metal parts ranging from 61 lbs. to 100 lbs. occasionally.
- Lift metal parts ranging from 1 lb. to 25 lbs. continuously.
- Lift metal parts ranging from 26 lbs. to 60 lbs. frequently.
- Lift metal parts ranging from 61 lbs. to 100 lbs. occasionally.
- Grip continuously-for tool use, and parts handling.
- Ability to handle extreme temperatures.

EQUIPMENT USED TO PERFORM JOB: Equipment found in fabrication department, hand tools, measuring equipment, drill press, saws, iron workers, belt sander, hand grinder, cutting torch, overhead hoist, forklift, ear plugs, eye protection, safety shoes, protective clothing, steel saw horse, hard hat when using bridge crane.

*Each employee should be aware that changes in this job description could occur at any time. Also this job description is not to be considered or construed to be a contract of employment.

APPROVAL DATE

Employee Signature

Date

Foreman Signature

Date