

****GENERAL****

1. Specification

- 1.1. Position, align, fit, and weld parts to form complete units or sub-units, following blueprints and layout specifications, and using jigs, welding torches, and hand tools.
- 1.2. Use metal finishing machines/techniques (stroke standers, belt sander, disk sander, manual) to produce a variety of surface finishes on metal.
- 1.3. Verify conformance of work pieces to specifications, using squares, rulers, and measuring tapes.
- 1.4. Tack-weld fitted parts together.
- 1.5. Layout and examine metal stock or work pieces to be processed to ensure that specifications are met.
- 1.6. Align and fit parts according to specifications, using jacks, turnbuckles, wedges, drift pins, pry bars, and hammers.
- 1.7. Locate and mark work piece bending and cutting lines, allowing for stock thickness, machine and welding shrinkage, and other component specifications.
- 1.8. Position or tighten braces, jacks, clamps, ropes, or bolt straps, or bolt parts in position for welding or riveting.
- 1.9. Study engineering drawings and blueprints to determine materials requirements and task sequences.
- 1.10. Move parts into position, manually or with hoists or cranes.
- 1.11. Set up and operate fabricating machines, such as brakes, rolls, shears, flame cutters, grinders, and drill presses, to bend, cut, form, punch, drill, or otherwise form and assemble metal components.
- 1.12. Be able to figure stretch outs and all die and punch uses in order to properly operate Press Brake with CNC back gauge.
- 1.13. Be able to operate a mechanical or power metal shear with CNC back gauge.

2. Responsibilities

- 2.1. Complete instructions and projects as assigned by shop superintendent.
- 2.2. Some travel may be required on a project by project basis.

3. Technology

- 3.1. Familiarity with MS Office a plus.

4. Qualifications

- 4.1. Training
 - 4.1.1. Appropriate trade school certification a plus
- 4.2. Education
 - 4.2.1. HS diploma or equivalent
- 4.3. Experience & Job Training
 - 4.3.1. 4-5 yrs. experience in a metal fabrication shop.