



TITLE: **FABRICATOR**
REPORTS TO: **SHOP FOREMAN**

JOB SUMMARY

Receive, read, understand, and follow drawings and blueprints.

Transcribe layout information from drawing to material

Read and understand welding symbols.

Operate a minimum of the following equipment:

- Forklifts
- Press brake
- Plate rollers
- Shear
- Tank-turning rolls
- Welding power supplies
- Welding torches with particular understanding of gas coverage
- Plasma cutter
- Ventilation equipment
- Overhead crane
- Jib cranes
- Bench and hand grinders
- Hand drill
- Calculator
- Drill press
- Tungsten sharpener
- Broom and dustpan

Perform TIG welding to create welds in 300-series stainless with the following characteristics:

- Full penetration
- Minimal warpage
- Minimal heat damage
- Defect-free starts and stops
- No folds, pits, or crevices
- No undercutting
- No burn-through of thin gauge material
- Purge welding

Perform MIG welding to create welds in 300-series stainless with the following characteristics:

- Defect-free starts and stops
- No folds, pits, or crevices
- No undercutting
- Predictable and repeatable fillet size

Grind butt and fillet welds with the following characteristics:

- Flush without grinding below surface
- Choose successive grits to achieve the final grit or Ra finish called for
- Free of pits, folds, crevices, or other defects
- Smooth, with no waviness

Ability to assemble, weld, and finish to final specification based upon the drawing

Know, understand, and practice safety rules and requirements