

SHEET METAL WORKER CRITERIA

- Must have good eye sight.
- Able to use Vernier measuring equipment.
- Knowledge of materials.
- Knowledge of Pulmax and Piccolo useage.
- Able to use Treaple guillotines, folders and hand jenny's as well as pedestal drills.
- Able to read drawings.
- Able to develop parallel and radial line, and triangulation.
- Able to use hand tools such as tinsnips, nibblers, hand shears, grinders/cutters, linishers and hand drills.
- Must be able to use hammers for plannishing.
- Some riveting and also resistance welding knowledge.
- Good communication skills.
- Reads and interprets drawings or product specifications to determine sequence and methods of fabricating, assembling and installing sheet metal products.
- Selects gauge and type of sheet metal such as stainless steel, mild steel, aluminium, titanium or non-metallic material such as fibrous insulation according to product specifications.
- Lays out and marks dimensions and reference on material to develop and trace patterns of product or parts, or uses templates.
- Sets up and operates fabricating machines such as shears, brakes, presses, forming rolls and routers, to cut, bend, block and form, or straighten materials.
- Shapes metal material using jigs and fixtures.
- Trims, files, grinds, deburrs, buffs and smoothes surfaces.
- Welds, solders, bolts, rivets, screws, clips or bonds component parts to assemble products
- Repairs and maintains sheet metal products.
- Inspects products for compliance with specifications and quality requirements.
- Reinstates the work area following engineering activities