



Position Title: Bender Builder
Department: Bender Toolroom

MAJOR DUTIES:

Machine, fit, weld and assemble component parts and precision tooling to build tube bending machinery.

SPECIFIC RESPONSIBILITIES:

- Read and interpret blueprints, operation and product-related reference charts and tables and selects mechanical measuring, checking and layout tools and devices.
- Execute measuring, checking and layout operations and select work piece materials and the required cutting tools and abrasives for metal removal operations.
- Perform metal removing operations using hand and power tools and select work piece clamping and holding devices and product-related components.
- Set up and operate, to prescribed tolerances, equipment (e.g. lathes, milling machines, surface grinders, drills, saws, and boring machines) for the manufacturing of machine tooling.
- Manufacture component parts, assemble and test tools, jigs and fixtures for machine integration with electro-mechanical sub-assemblies and systems components.
- Fit and assemble parts and sub-assemblies to build special-purpose machinery.
- Integrate pneumatic and hydraulic systems into special-purpose machinery as required.
- Proceed with floor assembly according to design; assembling the machinery in a safe and proper order. Coordinate with the Electrician, Fabricator and PLC Programmer to provide for their needs, in a timely manner. Advise designers of any floor assembly design problems, coordinating rework if required.
- Provide mechanical support during debug, integration and machine acceptance.
- Be informed about project status through Project Managers and Toolroom Manager.
- Ensure that CMP standards are met during the machining and assembly process. Advise designers of any potential design problems coordinating rework if required.
- Be an ambassador for CMP at the customer's site, providing a quick and efficient installation of the equipment. Follow all safety procedures according to CMP Health and Safety policies in addition to any on site Health and Safety procedures.
- Reassemble equipment to the point of buy-off at customer's site. Train maintenance and operators on running equipment and following safety procedures.
- Work with assigned manual writer to instruct special requirements of the machine.

QUALIFICATIONS:

Education:

A certificate of qualification as a Tool and Die Maker or equivalent.

Experience:

Minimum 5 years experience in toolmaking, mechanical assembly, machine troubleshooting, bender building and installation.