Course Title: CNC TURRET PUNCHING   Course Code: MMF 114

Course Background / Summary:

This course will expose the participants to the concept of punching operation on sheet metal using the Danobat CNC Turret Punch machine. This course provides a theory on the fundamentals of punching processes and practical skills to create programs, setting, and execution workpieces. Safety aspects are incorporated into the module to provide participants with knowledge on performing the work function with due care.

Course Objectives:

- Analyze manufacturing process through turret punch.
- Write a CNC program for punching operation with adequate structure and syntax.
- Simulate the program and counter the existing errors.
- Clamping workpiece and setting the origin point.
- Execute the program using CNC Turret Punch.
- Aware of the safety aspects of working with the machine.

Target Audience:

- Machines operators and machines suppliers, industrial workers.
- Teaching staff (including vocational and technical teachers).

Course Duration: 3 Days

Course Contents
1.0 Introduction to Turret Punching
2.0 Introduction to Turret Punching
3.0 Programming Function (Tool Axis)
4.0 Programming Function (Tool End)
5.0 Project Exercise

MANUFACTURING