

CNC MACHINIST

OVERVIEW

Reporting to and under the direction of the Manager, Machining, this position is responsible for:

- The setting-up, and operating of CNC Machining Centers to cut various sizes of metal work pieces during the course of the mould/die build or repair according to customer specifications and requirements.

RESPONSIBILITIES

- Read and interpret engineering drawings, blueprints, charts and tables
- Load, unload, change and modify program data into CNC control unit of machine for various operations needed to complete the job
- Set up, operate and maintain CNC 5 axis/Gun Drill Machining Center using controls to adjust feeds and speeds
- Compute dimensions, work within tolerances, able to measure and lay out work pieces
- Examines work piece, selects work holding arrangement and plans sequence of machining operations
- Positions, sets-up, secures work pieces to table and/or angle plates, using clamps, shims, parallel blocks, bolts, fixturing system
- Verifies alignment of work pieces with center of machine spindle
- Selects and mounts proper cutting tools in machine spindle
- Fit and assemble components and machine parts to close tolerance
- Document and report deviations from specifications and tolerances
- Check and verify the dimensions at each step of the process for accuracy and conformance to specifications using precision measuring instruments
- Repair machine tools and parts
- Sharpens cutting tools using bench or pedestal grinder
- Maintain inspection records and complete inspection reports
- Expected to maintain a clean work environment at all times

EXPERIENCE AND SPECIALIZATION

- Computer numerical control (CNC) machines
- PowerMILL or Lemoine software
- Outside and inside Micrometers
- Callipers
- Dial and test indicators
- Fixed Gauges
- Scales
- Telescoping gauges