

F/T Position  
Shift: 1<sup>st</sup>  
# of Openings - 5

Posted:	06/21/11
Expires	06/27/11
<u>Or until filled</u>	

POSITION TITLE: Tool Maker III  
DIVISION/DEPARTMENT: Manufacturing / Research & Development

**EXPERIENCE REQUIRED:**

Five plus years experience producing components on manual and CNC machine tools. Able to plan and execute complete machining operations working from engineering drawings on either CNC or manual machines. Demonstrates capability of set up and operation of all machines in the Model Shop or: Has a demonstrated the ability to plan, set up and operate a specialty machine in the Model Shop—such as: Wire EDM, EDM plunge, SLA, etc.

**PURPOSE OF POSITION**

This position is responsible for producing fixtures, tooling and component parts. Responsible for knowledge required to program CNC equipment as well as to utilize CAM programs for multi-axis milling, multi-plane machining, surface machining and turning.

**DESCRIPTION OF JOB DUTIES**

- Set up and operation of all CNC or conventional machines tools and grinding equipment in the Model Shop.
- Able to read drawings and interpret geometric dimensioning and tolerancing.
- Detect errors or irregularities, make corrections and ensure an audit trail for all changes in programs and designs as well as recalculating designs as needed.
- Display a working knowledge of drawings to ANSI-Y-14.5 format—up to and including Level III.
- If not already capable, is willing to learn the programming and operation of CNC lathes and mills.
- Show a willingness to work safely, carefully and diligently on every task assigned.
- Offline programming experience on Mazak machines and CNC lathes is preferred.