

Curtis Raph

CNC Lead - New Plastics Plus

Zimmerman, MN

Looking for a position with a company where I can use my knowledge to run a variety of CNC machines, and help to enhance the productivity of their organization. Along with knowledge of CNC machines I have experience working with a variety of hand tools and machine tools.

Background and Skills:

- * 3-Axis CNC Machines * 5-Axis CNC Machines * CNC Setups
- * Blueprint Reading * Reading/Editing G code * Reading/Editing M code
- * Calipers and Micrometers

Work Experience

CNC Lead

New Plastics Plus - Saint Michael, MN

July 2018 to Present

My responsibilities include supervising the CNC Department for both shifts, training of new employees, and ongoing training to current employees. Setting up 5-Axis CNC machines to cut and drill formed plastic, quality inspect the first part to verify part is within tolerance of Customer's specifications, and make any adjustments to the program. Understand specifications by reading blueprints, using calipers and micrometers. Translating instructions into computer commands so the machines can perform the correct function with the knowledge of tool holders, cutting tools, fixtures.

CNC Setup/Operator

Solors Optional Axis - Elk River, MN

April 2014 to June 2018

My duties include preparing and operating both 3 and 5-Axis CNC machines to drill, saw, and mill plastic, metal, wood and foam. Prepare and load raw materials and parts onto the machines, test run, and supervise the machines while they execute the tasks and make any necessary adjustments. Inspect and measure finished products and compare them with specifications. Understand specifications by reading blueprints, mechanical drawings, calipers and micrometers. Translating instructions into computer commands so the machines can perform the correct function with the knowledge of tool holders, cutting tools, boring bars, fixtures, inserts and other accessories used on various machines.

Cabinet Maker

Genereux Fine Wood Products - Monticello, MN

September 2013 to April 2014

Responsibilities included reading blue prints and shop drawings. Prepare components and cabinets for finishing, and production of sub-assemblies. Install hardware, such as hinges, catches, and drawer pulls. Verify measurements and use table saw and hand tools.

Education

Centennial Senior High School - Circle Pines, MN
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