

G.R. Manufacturing, Inc.

Job Description

Position Title –

Horizontal Machining Center Operator

Department -

Manufacturing

Reports To –

Metal Prep Supervisor

Overall Responsibility –

Perform machining and in process inspection as required by engineering drawings and quality requirements

Key Tasks and Responsibilities –

Prepares and operates Haas Horizontal Machining Center to perform various machine functions, such as cutting, drilling, milling, reaming, boring, and broaching of metallic and nonmetallic work pieces, utilizing knowledge of machine tool capabilities, machinability of materials, and shop math.

Reads and follows blueprints, planning sheets, sketches, and related technical data to determine tooling requirements, setup procedures, control settings, and machining methods and sequences.

Typical Functions -

Mounts, aligns, and secures tooling, attachments, and work piece on machine.

Selects and installs cutting tools in machine spindle.

Enters commands to retrieve preprogrammed instructions from database.

Calculates and sets machine controls to position spindle in relationship to work piece and to regulate factors, such as cutting depth, speed, feed, and coolant flow.

Starts machine and monitors displays and machine operation to detect malfunctions.

Stops machine to change cutting tools and setup according to required machining sequence or to measure parts for conformance to blueprint specifications, using precision measuring instruments.

Enters commands or manually adjusts machine controls to correct malfunctions or out-of-tolerance machining.

Operates machine manually to perform nonautomated functions and when automatic programming is faulty or machine malfunctions.

Discusses control media errors with supervisor or programming personnel to resolve problems.

Clean machine, tooling, and parts.

Perform machine maintenance.

Maintain a clean and orderly work area

Skills and Attributes –

Ability to lift up to 50 lbs.

Demonstrates a high degree of proficiency in the setup, operation, and care of the equipment

Punctual, regular, and consistent attendance

Ability to work with engineers and programmers to develop programs for new parts

Demonstrated competency in basic shop math

Experience Requirements –

High school diploma

Minimum 3 years' experience on similar equipment