



# HB Carbide Company Job Description



**Job Title:** Manufacturing Engineer

**Location:** HB Carbide Co.  
Lewiston, MI

**Reports to:** General Manager

## General Summary

The Manufacturing Engineer is responsible for applying engineering principles and analytical techniques to develop and continuously improve manufacturing processes and products within a manufacturing plant environment. The individual will be responsible for the safety, quality, and productivity of the processes, along with all associated documentation and controls.

## Responsibilities

- Develops, supports, and improves manufacturing processes for new and existing products
- Develops manufacturing equipment purchase proposals by evaluating manufacturing processes, plans, and future commitments
- Recommends new manufacturing equipment by identifying vendors and operating equipment, evaluating equipment capabilities and service history, and evaluating vendor service and support
- Completes equipment cost projections by analyzing investment, returns, and savings
- Manages equipment projects from research, proposal, purchase, deliverables, installation and to full production
- Drives continual process improvements in safety, quality, and process efficiency
- Develop and maintains process documentation, such as work instructions, process mapping, value stream mapping, and maintenance support documentation
- Professionally interacts with customers and vendors on a regular basis
- Collaborates with Engineering, Supervision, and Operator colleagues on process improvements, cost reduction opportunities, and quality concerns
- Coordinates with Facilities and Maintenance Departments on floor plan layout, delivery schedule and installation of new equipment
- Assists Maintenance Dept. on preventative maintenance tasks and schedule, and troubleshooting equipment failures

## Qualifications

Required:

- Bachelor of Science Degree in Mechanical Engineering or related engineering/technical field
- Ability to work in cross-functional teams
- Effective communicator; written and verbal including presentations
- Organized and Analytical
- Proficient with Microsoft Suite and Data Analysis programs
- High level of interpersonal skills to work effectively with others

Preferred:

- Ability to operate CAD/CAM programs
- Experience in a manufacturing environment

Please submit resume to: Star Cutter Company  
Human Resource Department  
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