

POSITION DESCRIPTION

POSITION TITLE: Manufacturing Engineer

DEPARTMENT: Engineering

REPORTS TO: VP, Engineering

Hours: 8:30am-5pm (flexible)

POSITION OBJECTIVE: To provide manufacturing, production and engineering support.

POSITION RESPONSIBILITIES:

- Establishes Manufacturing process flow for custom bearings, parts, and assemblies. Create and update manufacturing Methods of Manufacturing, manufacturing sketches, and procedures.
- Entering Methods of Manufacturing into New Way's ERP system (Epicor)
- Significant interaction with design engineers in order to translate engineering drawing requirements into manufacturing instructions, from receipt of raw material into finished/tested product.
- A sound understanding of machinery and machining practices used at New Way, including: sawing, milling, turning, drilling, fly-cutting, grinding, and lapping. A background in precision machining and precision assembly processes is a plus.
- The ability to interface with machinists and assembly/test personnel on a regular basis, in order to not only "define" workflow, but to also discuss new ideas and approaches that the shop personnel may have. A cooperative, interactive approach is preferred.
- Act as the key liaison between design engineers and manufacturing personnel.
- Provide support in the form of process development, product testing, tooling and fixtures and process troubleshooting.
- Perform routine operational or methods analyses.
- Provide production support, implement process improvements and address operator inquiries and training.
- Assist in the evaluation of engineering changes
- Interface with design engineering and manufacturing personnel in coordinating the release of new products/projects, and conduct review of engineering drawings prior to release.
- Conceptualize and Design tools and fixtures to support manufacturing.

Experience:

- Bachelors Degree in Mechanical/Manufacturing/Industrial Engineering or equivalent.
- 5+ years manufacturing experience. Precision Manufacturing experience is a plus.
- Ability to read and understand drawings and specifications.
- Knowledge of mechanical assembly principles.
- MS Office (Excel, Project, Word, PowerPoint, Exchange)
- Proficiency in Solid Works or similar CAD (Solid Works is used at New Way)
- Lean manufacturing and Six Sigma environment experience is a plus.
- Excellent written and verbal communication skills.