

The Gas Turbine Fuel Systems Division of Parker Hannifin Corporation located in Clyde, N.Y. is seeking candidates for a **Manufacturing Engineer** position.

The Manufacturing Engineer is responsible to ensure the cost effectiveness and reliability of manufacturing processes and workflow. You will determine the methods and sequences of manufacturing operations for moderately complex products and machine parts and assemblies. You must also ensure that products and processes meet customer quality requirements and provide producibility input and manufacturing plans for product design or modification. Other specific duties include:

- Evaluates moderately complex manufacturing processes by conducting process analysis, applying knowledge of product design, fabrication, assembly, tooling, and materials, conferring with suppliers, and soliciting observations from operators/production technicians.
- Develops moderately complex manufacturing processes by studying product requirements; researching, designing, modifying, and testing manufacturing methods and equipment; and conferring with equipment suppliers. Prepares written and graphical work instructions for the communication of manufacturing requirements to production personnel.
- Refines and enhances products and processes by applying continuous improvement and key lean manufacturing/production principles and techniques to areas of production. May be assigned to special projects for a variety of products and processes.
- Improves manufacturing efficiency by analyzing and planning workflow, space requirements, and equipment layout. Assures process control and reliability for assigned areas. Coordinates input and recommendations, and implements changes that may cross multiple teams or areas.
- Assures product and process quality by designing testing methods, testing finished product and process capabilities, and establishing standards to confirm and validate manufacturing process requirements. Determines root cause of failure using statistical methods (e.g. design of experiment, statistical process control) that may result in changes in design, tolerances, or processing methods.
- Provides manufacturing decision-making information by calculating production, labor standards, and material costs, reviewing production schedules, and estimating future requirements. May serve as liaison to supplier base.
- Prepares product and process reports by collecting, analyzing, and summarizing information and trends. Presents findings and underlying rationale to team, supplier, or customer.
- May maintain product and process database by writing computer programs, travelers, operation sheets, and entering data.
- Shares specialized knowledge with others. Represents company on specific projects. Work assignments may include cross-functional (e.g. quality, design, or test engineering) or project team responsibilities.
- Maintains professional and technical knowledge. Complies with federal, state, and local legal requirements.

Qualifications:

1. Bachelor's Degree (BS) in Engineering or a Manufacturing related technical discipline. Society of Mechanical Engineering certification desired.
2. 3+ years of related experience and demonstrated ability to perform the essential functions of the job.
3. Knowledge of manufacturing and production engineering principles, concepts and general business operations. Must possess strong mechanical aptitude. Must have basic understanding of assembly and test, tool design, and usage. Prefer background in brazing/welding.
4. Geometric Dimensioning and Tolerance (GD&T) experience required.
5. Ability to effectively apply continuous improvement methods to quality and manufacturing functions (e.g. pull systems, process mapping, JIT).

6. Ability to use standard business applications software and/or specialized data analysis tools. Ability to work effectively with CAD/CAM systems or other computer aided manufacturing systems. Must have background in 2D and 3D drafting software package (Pro-E preferred). Must have exposure to Minitab and statistical analysis.
7. Ability to work on a variety of technical problems of moderate scope and complexity where analysis of the situation or data requires thorough identification of factors and analysis of impact. Ability to define problems, collect data, establish facts, and draw valid conclusions .
8. Ability to read, analyze, and interpret engineering drawings, technical manuals and policies and recommend changes to procedures.
9. Ability to effectively communicate and present information to team members, team leaders, and top management. Must be able to work with minimal supervision.

If you would like to work for the aerospace division of a worldwide company, please apply through our Company web site at [parker.com](http://parker.com).

Due to Parker's military contractor status, the applicant must be a U.S. citizen or a permanent resident of the United States, and must provide evidence of citizenship or immigration status upon applying for the position.

Parker Hannifin proudly supports Affirmative Action and is an Equal Opportunity Employer. M/F/D/V encouraged to apply.