



MANUFACTURING ENGINEER

FPD Company, a subsidiary of Trigon Holding, Inc., is currently seeking a Manufacturing Engineer. Located in McMurray, PA, FPD Company is a global manufacturer of forged and machined titanium aerospace components and medical implants. Our knowledge of materials, precision manufacturing methods and a comprehensive quality system enable us to meet the stringent requirements of the aerospace and medical industries.

Responsibilities Include:

- Review product design for compliance with engineering principles, company standards, customer contract requirements, and related specifications.
- Coordinate activities concerned with technical developments, scheduling, and resolving engineering design and test problems.
- 3D Model manufacturing sequences using computer simulation software to ensure accurate cost-effective processes.
- Assist in customer RFQs.
- Confer with manufacturing departments to ensure tooling and fixturing is cost effective and on time to the project schedule.
- Design fixtures and gages required for production and inspection.
- Create and distribute operation drawings.
- Create manufacturing sequence and enter it into MIS.
- Direct integration of technical activities and products.
- Evaluate and approve design changes, specifications, and drawing releases.
- Control expenditures within limitations of project budget.

Qualifications:

- Bachelor's degree in mechanical engineering; or two years related experience and/or training; or equivalent combination of education and experience.
- Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratic equations, and permutations.
- Ability to apply mathematical operations to such tasks as frequency distribution, determination of test reliability and validity, analysis of variance, correlation techniques, sampling theory, and factor analysis.

- Knowledge of CREO (formerly known as Pro-Engineering) software is a plus.
- Knowledge of Forge NXT forging simulation software is a plus.
- Ability to define problems, collect data, establish facts, and draw valid conclusions.
- Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

We offer a comprehensive benefits package which includes medical, dental, vision, life & disability insurance, profit sharing 401(k), vacation & personal floating holidays.

Qualified candidates interested in this opportunity should send resumes to rbrooks@fpdcompany.com.

Equal Opportunity Employer