Industrial Engineering Technician Job Description

This position requires the ability of the candidate to interpret the customer's engineering drawings, schematic diagrams and formulas to create a program on a CNC machine and then execute the programming of the part drawing on the machine. The engineer must test the part run off at specified stages in the production process for adherence to specifications of the customer's engineering drawing. During this production of the part, the engineer must be able to compile, evaluate and provide to Eurotech statistical data to determine and maintain quality and reliability of parts on the Eurotech machine.

In order to successfully perform the above job description, the following areas of knowledge are necessary:

- Familiarity with Promodel, statistical software, Autodesk AutoCAD, SOLIDWORKS or similar products
- Familiarity with Computerized numerical control CNC machine software; Siemens SINUMERIK CNC, Fanuc CNC, Mitsubishi CNC
- Mechanical — Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- Engineering and Technology — Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various parts and services.
- Production and Processing — Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture of goods.
- Mathematics — Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
- Design — Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.

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