

Textile Process Engineer Job Description

Responsibilities:

- Analyzes and improves manufacturing methods using sound data driven practices.
- Utilizes knowledge of textile products, materials, production equipment capabilities, assembly methods, and quality control standards to drive change.
- Enhances current manufacturing methods using existing or new equipment to ensure repeatability and conformance to customer specifications.
- Evaluates equipment and processes for repeatability and makes improvements as necessary.
- Develops processes for manufacturing products using Lean, Six Sigma, and/or Statistics-based methods and principles for process excellence.
- Monitors and audits the performance of processes and equipment and makes recommendations for continuous improvement necessary to maximize process capability.
- Works with vendors and internal resources to determine product specifications and arranges for purchase and installation of equipment, materials or parts for new products.
- Investigates, recommends and justifies new technologies, manufacturing methods and equipment to meet competitive business needs and improve efficiencies.
- Documents processes and works with Training Manager to train operators and other personnel to meet process needs.
- Interacts with Product Development to ensure manufacturability or minimize the risks associated with new products transferred to the Commercial Business Group.
- Develops and runs protocols including IQ, OQ, and PQ activities as required.
- Creates and revises documents such as Preventative Maintenance, Work Instructions and Internal Specifications for current manufacturing standards.
- Fosters a high level of creativity and independence in the design and development of new or improved manufacturing processes, systems, prototypes and projects.
- Understands and complies with current good manufacturing practices (cGMPs).

Qualifications:

- Bachelor's degree in Textile Engineering discipline
- Minimum of 5 to 7 years' experience in textile manufacturing and/or engineering

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