

JOB DESCRIPTION

Position Title	Department	Reports to
Technology Specialist - Needlepunch	Needlepunch Operations	Production Manager
Employment Status	FLSA Status	Effective Date
<input type="checkbox"/> Full-Time	<input type="checkbox"/> Exempt	[Effective Date]

POSITION SUMMARY

The Technology Specialist will support the development and implementation of advanced technologies in needlepunch nonwovens production. This role involves researching new materials, optimizing existing processes, and collaborating with cross-functional teams to enhance product performance and production efficiency.

ESSENTIAL DUTIES AND RESPONSIBILITIES

The essential functions include, but are not limited to the following:

- Research and evaluate new technologies and materials for needlepunch nonwovens applications.
- Analyze production processes to identify opportunities for improvement and innovation.
- Collaborate with R&D and engineering teams to develop and implement new product lines and enhancements.
- Conduct testing and validation of new materials and processes to ensure compliance with industry standards.
- Provide technical support to production teams to resolve issues and improve operational efficiency.
- Develop and maintain technical documentation related to processes, materials, and equipment.
- Train and support staff on new technologies, applications, and best practices in the needlepunch process.
- Monitor industry trends and advancements to inform product development strategies.
- Travel occasionally to other Fibertex locations and customer sites for collaboration, trial support, and investigative purposes.

MINIMUM QUALIFICATIONS (KNOWLEDGE, SKILLS, AND ABILITIES)

- Bachelor's degree in Materials Science, Engineering, Textile Technology, or a related field.
- Minimum 3-5 years of experience in the nonwovens or textile industry, with a focus on needlepunch technologies.
- Strong understanding of nonwoven manufacturing processes and material characteristics.
- Experience with process optimization and quality improvement techniques.
- Proficient in data analysis and technical problem-solving.
- Excellent communication and interpersonal skills for teamwork and collaboration.
- Strong organizational skills and attention to detail.

DESIRED ATTRIBUTES

- Understanding of nonwovens products and process a plus.
- Project Management skills desired
- Auto-Cad software experience preferred
- Strong troubleshooting skills and data driven
- Accustomed to working in a lean process and team oriented
- Understanding of Quality Assurance/Improvement tools, techniques, and Quality Management Systems.
- Understanding and working knowledge of statistical techniques
- Ability to apply “hands-on” approach to leading Team members.
- Excellent computer skills and familiarity with most common software packages.
- Strong interpersonal and leadership skills.
- Ability to write work instructions
- Effective oral and written communication
- Self-motivated requiring little daily direction or supervision

PHYSICAL DEMANDS AND WORK ENVIRONMENT

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this position. Reasonable accommodations may be made to enable individuals with disabilities to perform the functions. While performing the duties of this position, the employee is regularly required to talk or hear. The employee frequently is required to use hands or fingers, handle or feel objects, tools, or controls. The employee is occasionally required to stand; walk; sit; and reach with hands and arms. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this position include close vision, distance vision, and the ability to adjust focus. The noise level in the work environment is usually low to moderate.

NOTE

This job description in no way states or implies that these are the only duties to be performed by the employee(s) incumbent in this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments. All duties and responsibilities are essential functions and requirements and are subject to possible modification to reasonably accommodate individuals with disabilities. To perform this job successfully, the incumbents will possess the skills, aptitudes, and abilities to perform each duty proficiently. Some requirements may exclude individuals who pose a direct threat or significant risk to the health or safety of themselves or others. The requirements listed in this document are the minimum levels of knowledge, skills, or abilities. This document does not create an employment contract, implied or otherwise, other than an “at will” relationship.

Reviewed with employee by

Signature: _____ **Name (print):** _____

Title: _____ **Date:** _____

Received and accepted by

Signature: _____ **Name (print):** _____

Title: _____ **Date:** _____

The company is an Equal Opportunity Employer, drug free workplace, and complies with ADA regulations as applicable.

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