

## Title: Process Engineer, II

### Job Summary

Nanocomp Technologies, Inc., now a division of Huntsman Advanced Materials, is a New Hampshire-based Company that produces Miralon, an advanced carbon-based material. We are currently seeking an experienced **Process Engineer, II** to work within a production / manufacturing environment. The ideal candidate needs to be self-motivated, energetic and versatile.

#### Position Purpose:

Ensures that Nanocomp Technologies' process requirements for productivity, safety reliability and cost effectiveness are met.

#### Nature & Scope:

The incumbent monitors and improves the efficiency, output and safety of manufacturing processes through observations and measurements as well as by collecting and interpreting data from other technical and operating personnel. Focuses on the furnace room operations however supports secondary operations and testing when necessary. Troubleshoots problems with production and takes corrective action. Executes planned projects in coordination with Engineering, Quality, Production and Research & Development

## Responsibilities and Duties

#### Essential Functions:

- Identifies and proposes process improvements for sources of waste (time or materials) in the Manufacturing Operations.
- Implements and monitors process and operating system improvements.
- Supports current CNT sheet and yarn processes and develops and validates new manufacturing methods.
- Designs and conducts experiments to understand and improve process capability.
- Designs and builds production and quality control equipment.
- Designs and implements custom systems and processes.
- Works closely with Engineers, R & D and Production staff to document project requirements and to anticipate and address potential problems in advance to ensure that project proposals have the highest likelihood of success.
- Supports the conversion of small-scale processes into commercially viable large-scale operations.
- Researches, identifies, analyzes and proposes purchase of commercial equipment that might be beneficial to the company's operations.

- Creates and maintains necessary documentation such as reports and work instructions.
- Trains operators to understand and perform documented procedures.
- Supervises sub-contractors, ensuring effective communication in order to avoid errors.
- Maintains and promotes a safe and organized work environment
- Performs other incidental and related duties as required and assigned.

## Qualifications and Skills

### Required Attributes:

- Self-motivated, hands-on individual with keen interest in process improvement
- Able to react quickly to changing requirements and new processing developments
- Good written and verbal communication skills
- Hands-on capability to develop and run experiments
- Strong critical thinking and problem-solving skills
- Proven ability to work in a team and to establish effective professional working relationships with peers across disciplines

### Education and Work Experience:

- A four year degree in process, mechanical, chemical or electrical engineering or equivalent experience in related technical discipline
- Two – five years of applicable work experience
- Familiarity with chemical process equipment highly desirable

The successful candidate will receive a competitive compensation and will be eligible to participate in a comprehensive benefits package which includes: medical, dental, basic life insurance, AD&D insurance, and 401k. Come join us!

**How to Apply:** Email your resume with a cover letter to: [JOBS@nanocomptech.com](mailto:JOBS@nanocomptech.com) or [apply with LinkedIn](#).

Nanocomp Technologies, Inc. is an Equal Opportunity Employer F/M/D/V