

Title: 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 **Engineer, II** to work within a production / manufacturing environment. The ideal candidate needs to be self-motivated, energetic and versatile.

Position Purpose:

Assists in the development of new materials processing technologies and engineering aspects of carbon nanotube yarn and sheet production, post process engineering or other areas of the Company's development activities as assigned.

Nature & Scope:

The Engineer works closely with a cross-functional group consisting of marketing, engineering and manufacturing employees to conduct engineering design and development of prototype fixtures, electro-mechanical production equipment and processes. The incumbent actively participates in-product conceptualization, process development, test and evaluation. Receives engineering and managerial oversight from project leaders and senior engineers.

Responsibilities and Duties

Essential Functions:

- Assists in the development of new materials processing technologies and engineering aspects of carbon nanotube yarn and/or sheet production and post treatment engineering.
- Generates complex engineering designs, test fixtures and prototype set-ups to validate product design assumptions related to project goals such as functional, cost, reliability, manufacturing and safety requirements.
- Competent in analytical engineering skills, calculations in static and dynamic electro-mechanical machine designs.
- Maintains a laboratory notebook to capture data and relevant design characteristics with an eye towards repeatability of experimentation and for reporting results to senior staff.
- Sets up prototype manufacturing equipment and conducts properties testing.
- Works independently and in groups to efficiently achieve project goals.
- Researches scientific literature relevant to innovative research and testing objectives.
- Performs other incidental and related duties as required and assigned.

Qualifications and Skills

Required Attributes:

- Creativity, curiosity and self-starter
- Good critical thinking and problem-solving skills
- Good communication skills
- Good attention to detail
- Demonstrated initiative
- Hands-on capability to run experiments, use of hand tools and willingness to get dirty.
- 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 mechanical engineering, or electro-mechanical engineering.
- 5+ years of experience in machine design related to motion processes
- 5+ years of CAD / 3D modeling, preferably proficient in Solid Works & PDM
- Strong knowledge and use of machine shop tool operation preferable
- Computer skills: Microsoft Office Suite (Excel & Word), Fluent, MathCAD, Statistics, preferable.

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 or apply with LinkedIn.

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