

Position: Production Specialist - Conversion
Job Status: Full Time
Department: Production
Location: Thurso, Quebec, Canada (Ottawa-Gatineau Region)

The Position:

The Conversion Operator works in a team environment as part of the production group and is responsible for the converting and quality control of optical thin films for commercial clients. Under the general direction of the Manager of Conversion and Quality, the Conversion Operator provides multi-skilled conversion services including material aging, quality inspection, editing and packaging to our exacting production tolerances.

Key Responsibilities:

- Operates the web & ribbon conversion equipment including material aging, colour measurement, machine vision inspection, colour & defect editing, splicing and reporting & packaging. Lends support to conversion equipment, embossing & coating equipment.
- Constantly monitors the material in conversion assessing adherence to stringent specifications and processing the material to meet these specifications
- Performs basic troubleshooting, repairs and maintenance on the conversion equipment
- Provides Quality control services including testing on process raw materials, production product and reporting
- Provides very high attention to detail on conversion activities, record keeping and material accountability
- Participates in team discussions for managing the team's short-term goals, provides detailed knowledge on conversion operations
- Performs data gathering and basic report generation
- Performs some inventory reconciliation work with the team analyst

Qualifications and Experience:

- Education - Junior Engineer, Technician or Technologist or demonstrated equivalent years of work experience
- Experience - Experience with computerized control systems
- Interpersonal - Strong interpersonal skills with the ability to foster collaborative working relationships among internal teams. Motivated, self-driven, hard-working professional. Demonstrated high attention to detail.
- Language Requirements - English essential. French language an asset.
- Shift work - Must be able to do shift work.
- Computer skills - Must be familiar with the following software: MS Outlook, MS Word, MS Excel

Assets:

- Experience in mechanical, electrical, electronics, or similar technical area
- Previous experience in an ISO certified work environment
- Welding, machine shop, fabrication, electrical, plumbing or similar experience
- Printing experience
- Lab experience
- Health and Safety SDS knowledge, WHMIS and chemical handling experience.

About Us

Where ideas and innovation meet.

Nanotech Security Corp., a subsidiary of Meta Materials Inc., is a leading innovator of nano-optic image technologies used in anti-counterfeiting applications. With billions of security features in circulation, Nanotech's products include secure and memorable security labels, stripes, patches, and colour-shifting films for currency authentication and brand protection.

KolourOptik® is a patented technology that is exclusive to the government and banknote market and combines sub-wavelength nanostructures and microstructures to create modern overt security features with a unique and customizable visual effect. KolourOptik pure plasmonic colour pixels produce full colour, 3D depth, and movement used in security stripes and threads that are nearly impossible to replicate. At less than 5 microns thick, KolourOptik products seamlessly integrate into banknotes and other secure government documents.

LiveOptik™ is a patented technology that utilizes innovative nano-optics one tenth the size of traditional holographic structures to create next generation overt security features customized to our customers' unique requirements. LiveOptik delivers multi-colour, 3D depth, movement, and image switches for secure brand protection stripes, threads, and labels that are nearly impossible to replicate.

LumaChrome™ optical thin film security features are manufactured using precision engineered nanometer thick layers of metals and ceramics to form filters designed to uniquely manipulate visible and non-visible light. This unique manipulation of light properties is used to create specialized security features in the form of threads, stripes, and patches that are applied to banknotes and other secure documents.

Nanotech strives to create a corporate culture that values input and encourages individuals to express themselves in a team environment.

To Apply

Applications will be accepted until the position is filled. Please email your resume to careers@nanosecurity.ca, include a cover letter, and use the position title in the subject line of your email. Only candidates considered for an interview will be contacted. Thank you for your interest in this position, we look forward to hearing from you!

Note: *Only Candidates who are eligible to accept employment in Canada WITHOUT sponsorship will be considered.*