

Position: Production Specialist
Job Status: Full Time
Department: Production
Location: Thurso, Quebec, Canada
Reports to: Shift Supervisor/Manager

The Position:

The Production Specialist works in a team environment and is responsible for the production of security features for high value documents based on the manufacture of vacuum deposited optical thin films, embossed structures, and printing/coating processes. Under the general direction of the Shift Supervisor/Manager, the Production Specialist provides multi-skilled operation and support of our production equipment to our exacting tolerances.

Key Responsibilities:

- Operates the production roll coater equipment, constantly monitoring the process, assessing variables and making process input decisions. Lends support to conversion equipment, embossing & coating equipment.
- Troubleshoots the production equipment performance including theorizing problems, researching solutions and implementing corrective measures.
- Performs repairs and maintains the production equipment.
- Performs data gathering, analysis and report generation.

Qualifications and Experience:

- Education - Junior Engineer, Technician or Technologist with specialization in optical, mechanical, electrical, electronics, or similar technical area.
- Experience - Minimum of three years related industrial work experience providing good understanding of mechanical/electrical/machine design fundamentals and complex 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:

- Knowledge and/or experience in vacuum deposition, optical thin film manufacturing, embossing, printing.
- PLC and control systems (Mitsubishi Melsec, Siemens Sematic, Allen Bradley Logix).
- Scientific lab experience, with microscopes, instrumentation, optical characterization.

- Health and Safety SDS knowledge and chemical handling experience.

About Us

Where ideas and innovation meet.

Nanotech Security Corp. 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.

Nanotech is a public company, listed on the TSX Venture Exchange. 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. Email your application to careers@nanosecurity.ca. Please include a cover letter with your resume 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: We will **not** be accepting candidates from **recruitment agencies** at this time. Only Candidates who are eligible to accept employment in Canada **WITHOUT** sponsorship will be considered.