



Job Posting: Co-op Manufacturing & Lean Engineer

Come join us!

Over the last 40 years, Gastops has built a robust business which is recognized worldwide for its innovative contributions to equipment health management in the aviation, energy, marine, industrial and transportation industries. Gastops' products and services add value throughout the life cycle of complex critical equipment from the design stage through to in-service operations and support. We design, manufacture and support advanced equipment sensing and analysis products, including on-line oil debris sensors, torque measurement sensors, turbine blade health sensors, and at-line oil analysis systems.

Based in Ottawa, Ontario, the **Manufacturing & Lean Engineer (Co-op Student)** will report to the Director of Manufacturing & Lean Engineering and will have a wide range of duties which ultimately focus around Oil Debris Monitoring sensors for Aerospace and Wind Turbine Technology.



What You'll Do:

The Manufacturing & Lean Engineer (Co-op Student) will be part of the Manufacturing team with the primary focus of improving our overall processes. You will;

Manufacturing Engineering:

- Assist in process validation activities, work instructions development and other documentation for both assembly, inspection and test processes.
- Collect and analyse data to support validation of processes and test improvements.
- Assist in preparing the required engineering change documentation for manufacturing changes.
- Assist in development of tooling and equipment for jigs and fixtures

Lean:

- Participate in a team to implement 5S workplace organization and standard work. Value stream mapping and process flow mapping, assist in design of more ergonomic and efficient production process layouts.
- Collect and analyse data for cycle time, motions, capacity analysis and cycle time studies from production processes

Materials Management:

- Assist in materials management improvements for more efficient material handling.
- Activities include stock room and inventory organization, work order kitting, documentation of picking cart standards, and Kanban card development and implementation of other inventory management methods

Production Processes:

- Automated coil winding
- Manual electronics soldering and circuit card assembly
- Mechanical press fir assembly
- Welding
- Epoxies and adhesives
- RTV conformal coating
- Wire management
- Potting processes
- Oven curing
- Drying
- Bake-out and vacuum degassing operations
- Ultrasonic cleaning

Please note that this job description is not meant to be an all-inclusive statement of every duty and responsibility that will ever be required of an employee in the job.

Who You Are:

- Have a high level of intelligence, initiative and energy
- Thrive when working as part of a team
- Working towards an Engineering Degree
- Friendly, calm personality with a strong care and concern for our customers
- Works well under pressure, strong ability to multi-task
- Interested in Lean and Industrial Engineering

What You Should Bring:

The ideal candidate will be working towards their Engineering Degree. Additionally, you should have;

- High motivation with results-oriented focus
- Strong organizational and multi-tasking skills
- Problem solving skills with a track record in leading and completing technical investigations
- Administrative skills, organizing meetings and preparing materials for meetings using MS Office Suite
- Strong interpersonal and critical thinking skills
- Excellent communication skills (oral and written)
- Eligible to obtain a Security Clearance (NATO Level Clearance)

What We Offer You:

Gastops has built a passionate workforce with a strong and vibrant culture which has been the key to our success. We offer programs and rewards that one would expect from a highly successful, established and growing Engineering company:

- Competitive salary, benefits and profit sharing
- A fantastic culture, team and energy to work with
- Superb work location in Ottawa' East End (Canotek Business Park)
- Social activities, company sponsored events and opportunities to give back to our local community

If this position matches your qualifications and goals, please submit your resume in confidence:

Email: jobs@gastops.com

Mail: 1011 Polytek Street, Ottawa, Ontario, Canada - K1J 9J3

Gastops is an equal opportunity employer that is committed to acquiring a skilled and diverse workforce. We encourage applications from candidates of all backgrounds, origins, ages, orientations, genders, creeds and religions. Gastops accommodates people with disabilities throughout the recruitment and selection process. Gastops is an excellent place to work and we look forward to meeting you! If contacted regarding this competition, please advise the interview coordinator of any accommodation measures you may require.