



For more than 40 years, CGL Manufacturing has been a supplier of choice for Original Equipment Manufacturing (OEM) customers in the Material Handling, Rail, Construction, Forestry, Mining and Defense industries. Focused on the principles of lean manufacturing and continuous improvement CGL Manufacturing has grown from our initial 2,000 square foot facility to over 300,000 square feet of state of the art machining, fabrication and casting across nine facilities in Canada and China. CGL Manufacturing is a strong proponent of lean manufacturing and continuous improvement. We work with both our customers and suppliers to eliminate waste and streamline the entire supply chain.

Position Title: Senior Quality Engineer
Department: Quality
Report To: Vice President

Position Summary:

Reporting to the Vice President, the incumbent will be responsible for APQP and process quality control and related aspects including continuous improvement, issue resolution, preventative and corrective actions, product launch, Engineering Change Notice and APQP

Primary Responsibilities:

The incumbent will support the CGL team and our OEM customers by undertaking the following:

- Work to improve Quality, Delivery and Cost.
- Create and implement plans to close issues
- Product Verification and Certification in accordance with Quality Systems
- APQP and PPAP review and acceptance of supplied product plus submission of OEM customer PPAP packages
- Undertake part and process reviews to ensure the manufacturing process is utilized to maximize efficiency, productivity and quality.
- Prepare Control Plans and Operator Check sheets (ITP, SPC, FPV) for each new launch
- Ensure product compliance to specification by ensuring relevant verification has occurred
- Work with Engineering to determine technical capability, risk and direction of the supplier
- Analysis of NCR's (Non-conformances) and supplier initiated non- conformances to identify and resolve trends
- Ensure alignment between product verification and testing with supplier and manufacturing floor
- Accountable for the first article inspection and part inspections at both source and incoming
- Develop and procure gauge lists for all operations.
- Knowledge of ISO 9001 requirements

Required Qualifications and Experience:

- Minimum 5 years' experience in a manufacturing or Quality Engineering capacity
- Organized and detail oriented with a process mindset to spot variability.
- Strong work ethic and initiative - an independent self-starter.
- Ability to create and execute projects plans through to completion
- Working knowledge of CMM operation and programming in PC – DIMAS
- Customer focused – understands deadlines, works with internal and external customers.
- Good communication and interpersonal skills.
- Solution and problem solving oriented. Able to manage multiple projects.
- Proficient in Inspection Methods (Measurement & Evaluation), Geometric Dimensioning and Tolerance (GD&T), blueprint reading, 8D, Pareto, statistical Analysis (SPC), Proficient in Product Qualification Methodology (PPAP, FMEA, APQP, Control Plans)
- Must have a valid drivers license and be able to visit customers in the USA
- Experience in a CNC machining (turning and milling) manufacturing environment with knowledge of casting, forgings, and fabrications
- Additional languages - Spanish or Mandarin would be an asset