

Job Posting: Quality Assurance Specialist

Tulmar designs, manufactures and distributes engineered protective textiles, survivability and safety solutions for the Aerospace, Defence and Public Security industries.

Headquartered in Hawkesbury, Ontario, Tulmar operates a modern 60,000 square foot facility with equipment ranging from computerized cutting tables, stitching machines R.F. (radio frequency) welding and heat-sealing equipment to highly sophisticated testing and certification equipment including cold temperature test chambers, inertia reel testing equipment and computerized measurement and test equipment for quality inspection.

We are currently looking for a **Quality Assurance Specialist** to join a dynamic & close-knit team! This posting is for an existing vacancy.

Under the guidance of the Engineering Quality & Manufacturing Systems Manager or delegate, the Quality Assurance Specialist supports daily quality operations by conducting inspections, performing tests, and ensuring products meet all customer, regulatory, and technical requirements. In addition to inspection duties, the Specialist contributes to the improvement of quality processes, supports root cause analysis, and strengthens Tulmar's Quality Management System.

This role combines hands-on inspection responsibilities with technical quality analysis and is ideal for individuals with an engineering-oriented background who are looking to contribute to both operational and continuous improvement activities.

Duties & responsibilities:

Inspection & Testing

- Perform first-off, in-process, and final inspections to verify compliance with drawings, specifications, and standards.
- Operate inspection and testing equipment including calipers, micrometers, gauges, and specialized equipment (training provided).
- Complete and maintain documentation including PIPs, NCRs, and FAI packages.

Technical Support & Collaboration

- Interpret engineering drawings, GD&T, and test methods, with support from Engineering and Quality team members.
- Provide feedback to Engineering on manufacturability or recurring inspection issues.
- Support product or process changes by validating quality requirements and updating inspection documentation.

Quality Systems & Continuous Improvement

- Participate in root cause analysis (5-Why, Fishbone, A3) and support corrective actions (training provided).

- Contribute to improving inspection plans, processes, and test methods.
- Support calibration activities in accordance with AS9100.

Compliance & Training

- Support audits and maintain compliance with AS9100 and regulatory standards (training provided).
- Assist with training inspectors and production staff on quality procedures.
- Ensure accurate and complete quality records and data.

What you need to succeed:

- Post-secondary in Engineering, Industrial Engineering, Quality, or related field with 0–3 years in quality, inspection, engineering, or manufacturing; new graduates with relevant projects or co-op experience also considered.
- Ability to interpret and apply engineering drawings, GD&T, and technical specifications.
- Understanding of materials, textile or mechanical assembly processes, and testing methods.
- Experience with measurement tools, calibration practices, and inspection methodologies.
- Familiarity with AS9100, CARs, DND/MIL-SPEC, ASTM, AMS, and other relevant standards.
- Analytical, problem-solving, and data interpretation skills.
- Excellent communication and documentation abilities.
- Proficiency with MS Office and familiarity with ERP/QMS systems (Macola, e-Synergy).
- Ability to manage priorities and work cross-functionally in a regulated environment.
- High attention to detail and commitment to product conformity.
- Valid Police Records Check.

Pay: CA\$53,000.00-CA\$60,000.00 per year