



We are seeking a **Quality Engineer** to join our team!

### **About us**

A.B.M. Tool & Die Co. Ltd. is at the forefront of modern technology in the design and manufacture of stamped metal parts, automated and welded assemblies. Since the founding of our company in 1969, A.B.M. Tool and Die has consistently provided unmatched quality, competitive pricing, on-time delivery, and uncompromising customer service.

We have 3 locations to support your business including:

\* 100,000 sq. ft. Manufacturing Facility in Brampton, ON, Canada \* 20,000 sq. ft. New Tool Build Facility in Mississauga, ON, Canada \* 100,000 sq. ft. Manufacturing Facility in San Luis Potosi, SLP, Mexico

### **What we offer**

Competitive Wages, Benefits package (extended health, dental and vision), RRSP Matching, Continuous training, and professional development, Tuition reimbursement

### **Requirements and Qualification**

- ASQ, CQE or equivalent college diploma with a minimum of 5 years quality experience in high volume manufacturing environment
- Fully versed in AIAG procedures like APQP, PPAP, FMEA, MSA & SPC
- Proficiency in and effective use of statistical process control techniques
- Full understanding of quality fundamentals and principles
- Basic understanding of metrology
- Understanding of CMM Reports
- Excellent knowledge of all QA measurements, destructive testing, equipment, and technique
- Excellent understanding and practice experience with IATF 16949, and other internal and customer systems.
- Excellent knowledge of stamping and welding processes.
- Excellent communication and interpersonal skills.
- Excellent English skills both oral and written.

### **Job Responsibilities**

- Advises production and tool room of any required adjustments to maintain and enhance part quality.
- Work with customers, suppliers, and internal team to resolve all quality issues.
- Perform various audits like process, product, in-process, in-coming and final as and when required and as per schedule.
- Prepare all receiving, in-process and final audit inspection reports.
- Prepare all process documentation and product identification tags.
- Prepare non-conformance reports and follow up for completion.
- Prepare, participate, and provide input in all of internal and customer corrective action activities.
- Assist in product design review and improvement meetings with customers and suppliers.
- Preparation of documentation for PPAP and Tooling Qualification Reports.
- Run CMM measurement programs for prototype, new and production parts.
- Assist in selection of testing equipment and test methods.
- Assist with design of part checking fixtures.
- Conduct special testing and/or measurement studies for customers as required.
- Ensure customer required corrective action dates are met.
- Ensure all products are effectively monitored to meet Quality Assurance specifications and stop production if any internal specifications are not met and/or there are any customer concerns.
- Ensure PPAP submissions are achieved on time, meeting and/or exceeding all the requirements for the first-time approval.
- Prepare and submit applicable ECR/Deviations on quality related issues.
- Participate and assist in GD&T reviews, critical characteristic reviews, and APQP meeting of new projects.
- During the launch of new projects, work within an APQP team environment and co-ordinate activities such as trial production runs, one-piece layout reports, m/c and process capability studies, and communicate the concerns of customer requirements to cross functional teams (Tooling and Engineering).
- Ensure all quality assurance customer network and communication requirements are met including logging into customer quality assurance network, and respond to any issues, PPAPs, etc.
- Monitor and adjust in disposition of scrap, any reworked or quarantined parts and any returned parts from the customer.
- Ensure there is an active supplier quality program in place including supplier quality assurance measurable, regular visits, action plans for any suppliers whose performance needs improvement.
- Ensure any additional information required internally or by customers is properly recorded and submitted in a timely manner (e.g., SPC data).
- Ensure co-ordination/lead determination of significant and critical characteristics (both part and process) and measurement locators for each part and process.
- Review and implement new standards and practices affecting any systems including training with all internal departments.
- Maintain a clean and tidy workspace.
- Adhere to and ensure all obligations and requirements under Section 28 of the Occupational Health and Safety Act are met.
- Adhere to and ensure all obligations and duties outlined in the Workplace Safety and Insurance Act are met.

- Update master PPAP approval log on regular basis.
- Annual validations of all production parts.
- Ensure all department team members work in compliance with IATF 16949, 5S and all other company policies and procedures.
- Lead, support, and motivate all department team members to achieve company, department, and work-personal goals.
- Maintain strict confidentiality regarding all company tooling, processes, methods, customer and supplier information and business.
- Keep abreast of, informing management of new technologies and methods.
- Perform other duties as required by Department Manager or General Manager.

Job Type – Full-time Permanent

8 Hours Shift – Monday to Friday

Shift – Day

Salary - \$60,000 - \$65,000

Experience – Minimum 3 years of experience required.

Automotive Manufacturing Industry Experience will be an asset.

Location – 80 Walker Drive, Brampton, ON L6T4H6

If you are interested in a career with A.B.M. Tool & Die Co. Ltd., please send your resume to:

[careers@abmtool.com](mailto:careers@abmtool.com)