



Plastics Quality Engineer

Matrix Tool, Inc. is a custom full-service manufacturing operation located in Fairview, PA. We specialize in the design and construction of high precision plastic and metal injection molds and the molding of tight tolerance and micro plastic injection molded components. We operate in a modern, state of the art facility and employ technical staff members capable of offering solutions to our customer's toughest tooling and molding challenges.

We are seeking a 1st Shift **Quality Engineer** to assist with the development and implementation of sound quality and manufacturing processes to ensure injection molded products and services meet customer requirements. Primary duties of the position include:

- (a) Overseeing the coordination of our electronic document control system to manage the currency of key documents used to manufacture products (such as product drawings, procedures, work instructions, etc.).
- (b) Compiling part-specific documentation and training materials for Factory Order Packets used on the manufacturing floor by Operators, Processors and other personnel (visual attribute/defect sample sheets; work station layouts; Quality Inspection Plans; Packaging instructions; etc.).
- (c) Assisting with the ongoing development and maintenance of the company's Quality Management System to ensure compliance with applicable customer requirements and certification standards.
- (d) Assisting with the ongoing coordination of quality management system audits, including registrar audits, internal audits, customer audits and special surveys/self-audits requested of customers and/or prospects.
- (e) Overseeing assigned quality and/or manufacturing related continuous improvement projects to improve product quality and/or process flow.
- (f) Assisting QA personnel with visual and/or dimensional inspections (start-up/first piece inspections; in-process inspections; containment/rework inspections, etc.) as needed to help ensure that molded parts meet customer quality requirements.
- (g) Providing support to Quality management and/or Technician staff to assist with ongoing departmental tasks (such as metric reporting; customer complaint investigations; deviation requests; calibration activities; etc.).

Interested candidates should have strong problem solving / root-cause analysis, communication and teamwork skills. In addition, the position will require an individual with an independent work ethic who can work in a dynamic manufacturing environment, and use initiative to bring tasks to completion in an efficient manner. Other preferred qualifications include:

1. Bachelor's Degree in Plastics Engineering or a related engineering discipline or the equivalent combination of vocational training and hands-on work experience, with an emphasis in Plastic Injection Molding.
2. 1-2 years of experience working in a structured / regulated manufacturing environment (automotive components, medical device manufacturing, etc.).
3. Knowledge / experience with statistics/SPC, Gage R&R, Gage Calibration, & Process Validation (IQ/OQ/PQ).
4. Ability to utilize personal computers, computer related software, and measuring / inspection equipment commonly found in a QA Lab (micrometers, calipers, OGP measuring systems, Minitab, etc.).
5. Knowledge / experience with corrective and preventive actions (CAPA) and inspection methods, terminology, and procedures necessary to maintain the quality of plastic injection molded products.
6. Ability to read and interpret blueprints and part prints.
7. Knowledge of quality management system (QMS) certification standards and auditing procedures, including ISO 9001, IATF 16949, and/or ISO 13485.

Matrix Tool, Inc. offers challenging work, a modern, clean and climate-controlled work environment, and a comprehensive / competitive pay and benefits compensation package. Interested candidates should apply using one of the following methods:

- ◆ E-mail a letter of interest and resume to us at hr@matrixtoolinc.com
- ◆ Download a copy of our application from our website, complete it and return it to us via email at hr@matrixtoolinc.com
- ◆ Stop in at our Front Office and drop off a resume or complete an application between the hours of 8:00 AM - 3:00 PM.

www.matrixtoolinc.com

For additional information, contact Matrix Tool Inc.