**Quality Engineer**

Plans, coordinates and directs the activities concerned with the application and maintenance of the Quality System for industrial processes, materials and products to ensure the production of consistent reliable products that meet or exceed established standards.  
  
RESPONSIBILITIES:

* The Quality Engineer is primarily responsible for the application, trouble shooting and maintenance of procedures and elements of the company Quality System, and is responsible for coordinating, planning and executing projects as defined by the Quality Manager in conjunction with site management.
* Ensures that all subordinates understand and follow policies and procedures with regard to the Quality System and or company as they apply.
* Ensures maintenance and improvement of the Quality System through routine system audits and corrective actions.
* Plans activities and coordinates with other company resources to ensure assigned projects are being completed on a timely basis.
* Coordinates with, assists and directs the activities of inspection resources as needed with the Group Leader and Quality Manager to ensure consistent reliable performance and timely response to internal and external needs.
* Develops and prepares Quality Plans, sampling and inspection procedures for both automotive and     
  non-automotive products, including PPAP submissions, APQP documentation, MSA and any other product specific requirements as defined.
* Participate in product design reviews with primary responsibility for print review with an emphasis on tolerances, GD&T and capability. Recommends appropriate sampling and inspection  
  techniques.
* Works with inspection resources to develop appropriate inspection techniques and gaging to ensure accurate and repeatable results.
* Conducts process capability studies, design of experiments, gage R&R and other process, product, or equipment related studies as defined by the Quality Manager or site management.
* Participates in internal and external nonconformance analysis and resolution, including communication to internal and external contacts as required.
* Carries out other general responsibilities as required by site management.
* May conduct supplier audits as required.
* Participates in customer visits and acts as the company quality representative during complaint resolution internally or at customer sites as needed.
* Develops and analyzes statistical data and product specifications to determine conformance to    
  customer specifications.
* Identifies new techniques, and technologies to be used in process control, inspection and calibration to improve quality, reduce inspection time and measurement error, and increase product throughput.
* Preparation of automotive PPAP submissions. Coordinates annual layouts, first article reports,  
  MSA (gage R&R), CPK studies, DOEs, reliability studies and other special analysis as needed.
* Participates in product design reviews, new product quotes, and evaluation of print GD&T for manufacturability.

KNOWLEDGE, SKILLS AND ABILITIES:

* Knowledge of ISO9001 and ISO 13485 standards including internal auditing.
* Background in Quality Engineering, Metrology, and GD&T.
* Knowledge of automated inspection equipment including Vision Systems and Coordinate Measuring Machines with basic programming skills (desired).
* Ability to handle multiple tasks with various levels of priority. Must be able to coordinate the requirements of daily production, Engineering, and Sales & Marketing with inspection services to achieve timely response to needs.
* Strong communication skills. Must be able to present ideas, results and requirements effectively through out the organization on a timely basis.
* Strong skills in applied statistics, reliability, Design of Experiments, MSA (gage R&R) and project management.
* Must have computer skills capable of utilizing various software packages commonly used in  
  project management, databases, SPC, word processing and data acquisition.
* Well organized with strong interpersonal skills.

EDUCATION AND EXPERIENCE:

* Associates Degree or Bachelors Degree, preferably BS, BSE, BSME, with minimum of 3 years experience in quality assurance in a supervisory or senior inspector position in a metal stamping, injection molding or related industry, or equivalent experience.
* Certified Quality Engineer, Manager or Auditor (desired).
* Knowledge in the areas of SPC, automotive PPAP submission, and MSA (gage R&R).
* Actively continuing training through, courses and seminars (Desired).