



Subject: **Quality Engineer**

Salaried Exempt

Reports To: Quality Manager

POSITION SUMMARY: The Quality Engineer is a hands-on engineer whose primary focus is to solve complex manufacturing problems through keen observation and explicit attention to details.

RESPONSIBILITIES:

- Participate in Contract Review process to assure that Engineering Master addresses all customer requirements as documented in supplier agreements, procedures, work instructions and engineering drawings
- Assure that operators are trained and comply with in-process procedures, (i.e. trimming, assembling, packaging, etc.)
- Perform 1st piece, in-process, and final audit inspections of products during the manufacturing process
- Constructs recommendations to approve/reject samples based on conformance requirements
- Verify any non-conforming material or products are corrected and documented
- Maintain all samples for start-up and final product
- Perform customer mandated testing and related documentation
- Document all work instructions and quality control documentation.
- Work with new Laser 3D scanner to develop quick inspection methods.
- Participate in creating a culture of cooperation, support, continual improvement and overall team success

QUALIFICATIONS:

- Bachelor's degree in Engineering or a technical field
- 5+ years' experience as a Quality Engineer in a Lean manufacturing environment
- Injection Molding experience is a plus
- Certified Quality Engineer (CQE), Certified Quality Auditor (CQA) is a plus
- Have experience with ISO 9001, 13485 & TS16949
- Strong skill level in engineering principles (design of experiments, statistical data analysis, tolerance analysis, human factor engineering, FMEA/FTA, reliability, validation, development and execution of protocols/reports
- Use all basic precision mechanical measurement equipment including FARO Arm, calipers, micrometers, comparators, bore gages, etc.
- Strong computer literacy skills with working knowledge of word processing, spreadsheet, project management and manufacturing software

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- Must possess good communication skills, written and verbal, and must be able to interact with customers and employees
- Specific vision abilities required by this position include: close vision, distance vision, color acuity, peripheral vision, depth perception, and the ability to adjust focus
- Ability to frequently lift and/or move objects up to 10 – 25 pounds
- Documentation and record keeping skills.
- Knowledge of Theory of Constraints a plus.

REASONING ABILITY: Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

OTHER SKILLS AND ABILITIES: Must be able to differentiate between customer production and service requirements. In addition must be able to cross reference between customer and PSIMP's part numbers and descriptions.

PHYSICAL DEMANDS: While performing the duties of this job, the employee is frequently required to sit; use hands to finger, handle, or feel objects, tools, or controls; and to talk and hear. The employee is occasionally required to stand; walk; reach with hands and arms; and stoop, kneel, crouch, or crawl.

The employee must frequently lift and/or move objects up to 10 pounds and occasionally lift and/or move objects up to 25 pounds. Specific vision abilities required by this position include: close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT: While performing the duties of this job, the employee occasionally works near moving and/or high temperature mechanical equipment and parts. The noise level in the work environment is usually moderate; infrequently, loud.

SAFETY: All employees are expected to set the highest level of safety expectation in their work, display the highest level of safe behavior, actively participate in PSIMP's safety program, and adhere to all safety rules and regulations. Employee Health & Safety is a part of our company culture and participation is required for all employees.