



Supplier Quality Engineer

SUMMARY

The Supplier Quality Engineer is responsible for the quality from our Supply Chain. This person will ensure all parts are compliant to engineering, packaging, and quality specifications while meeting cost targets. Ensures supplier quality actions conform to Client quality requirements through supplier audits, visits, and review of quality related documentation. This position, working closely with our Purchasing Group, develops and leads projects, works with suppliers, supervises the generation of documentation to support manufacturing as well as analyze and change existing processes for continuous improvement. This position provides on-going support for run-the-business problem resolution for supplier related product and process concerns.

Proven experience and success in using Lean/SS and other related knowledge will be essential for helping to drive plant operations to consistently higher levels of performance.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Reviews and manages supplier Production Part Approval Process (PPAP) to confirm the supplier is capable of manufacturing parts that meet Client quality requirements.
- Coordinates and conducts supplier process audits and confirms related supplier documentation such as control plans, PFMEA, control charts, etc., support a robust quality management system.
- Utilize plant quality data to monitor disruptions, drive root cause and corrective action issues (8D process)
- New Supplier Assessments for purpose of providing input on sourcing decisions - assess capabilities with respect to quality management systems, capacity & technology.
- Supplier Visits - Conduct metrics/corrective action reviews, assess processes & capabilities as well as strengthening supplier relationships
- Train suppliers and hold them accountable to Modernfold's supplier manual & expectations.
- Data driven recommendations to supply chain organization: grow, hold steady, retract or re-source based on performance.
- Pareto plant disruptions, PPM & warranty data to drive continuous improvement projects (A3) for chronic issues (PDCA).
- Collaborate across the organization to achieve and sustain ISO certifications in Quality, Environment, Health & Safety, Energy and other management systems as required.
- Lead open issues meetings (both internal and external) to resolve quality concerns.

- Evaluate material & process changes with the supply base to mitigate risk to Modernfold (deviation/engineering changes).
- Coordinates assignments to assure all program deliverables are satisfied on or before their required dates to meet program timing.
- Participates in internal cross-training opportunities.
- Participate in developing the future as an integral member of the Quality Team.
- Accountable for complying with all Environmental, Health and Safety regulations, policies, procedures, and guidelines, including the Corporate Environment Health and Safety Protection Policy.
- Perform other duties as assigned or needed.
- Must be able to multi-task, manage projects, and work independently in a fast-paced environment.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are respective of the knowledge, skill, and/or ability required, but are not intended to be all-inclusive. Reasonable accommodations may be needed to enable individuals with disabilities to perform the essential functions.

EDUCATION AND EXPERIENCE:

Bachelor's degree in Quality related field, or equivalent directly related work experience, preferably in a similar manufacturing environment (high mix/low volume, ETO). Experience must include a successful, continuous history of developing and driving improvement initiatives and continued learning and development for self and coaching others. CQE Certification preferred. Lean and/or SSBB training should be from certified development sources. Computer literate in MS Office software package, as well as calibration and statistical software. Knowledge and experience in manufacturing database software as related to Bills of Material and MRP/ERP.

Experience with Quality control techniques, Blueprints and engineering drawing and a working knowledge of SPC functions important. Experience with sheet metal cutting, punching, forming, fabrication, assembly of large panel systems, integration of glass into panel production, adhesive application processes and CNC machining would be beneficial. Project management skills a plus.

LEADERSHIP AND TEAM SKILLS

Excellent interpersonal and organizational skills. Ability to collaborate and communicate effectively and provide constructive feedback in a positive nature at all levels of the organization and with our supply base. Ability to utilize direction and feedback from Management and display a positive "can-do" attitude, a strong work ethic and utilize appropriate problem-solving skills. Strong organizational and time

management skills. Must lead by example in being deadline/results driven, effectively handling challenges under stressful conditions and demonstrating and encouraging a continuous improvement mindset – building the case for change and leading through others. Is an active learner that is empathetic to the challenges experienced throughout the business cycles and is passionate about performance improvement and coaching others to maximize their performance. A team builder and effective and trusted business partner. Maintain a “mutual trust and respect” and productive work environment within and between departments and with suppliers. Must have ability to conduct root cause analysis and countermeasure with closed loop controls. Must demonstrate ability to prepare and conduct training and business and technical meetings/presentations

LANGUAGE SKILLS

Ability to communicate throughout the organization in written and verbal form and effectively present information and respond to questions from groups of managers and customers. Ability to read, analyze and interpret general business periodicals, professional journals, technical procedures or governmental regulations. Ability to write and interpret reports, business correspondence, product drawings, specifications and procedure manuals. Ability to understand, write and communicate training material, standardized work, job instruction sheets, etc. Conduct and facilitate meetings with cross-functional resources.

MATHEMATICAL SKILLS

Higher math skill required – geometry, trigonometry, calculus, etc. Ability to work with mathematical concepts; such as probability and statistical inference. Ability to apply simple math concepts; such as fractions, percentages ratios, and proportions to practical situations. Data driven.

REASONING ABILITY

Ability to solve practical problems and deal with a variety of variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form. Ability to use key analytical metrics to drive improvements. Ability to define current condition, future desired state and actionable items for removing gaps between the two conditions.

CERTIFICATIONS

CQE Certification a plus but not required. SS Belt and/or Lean Trainer certifications from a respected source is highly preferred.

PHYSICAL DEMANDS

The physical demands described herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to sit; use hands to finger, handle, or feel; and talk and hear. The employee is regularly required to stand, walk, and reach with hands and arms. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus. Ability to work for extended periods of time at a workstation on a computer or similar device. Occasional extended periods of standing, bending, kneeling.

WORK ENVIRONMENT

While performing the duties of this job the employee is typically working in a light industrial work environment with associated noise levels – heated but not air conditioned - to meet and communicate with other personnel to conduct business. Employee will be exposed to temperature and humidity variations through the seasons of the year and may, at times, be outdoors for short periods at any time – walking or travelling between buildings or off-site entities. The employee will also perform part of their work in a typical office environment at a workstation with computers and other equipment with normal levels of noise. Personal protective equipment (PPE) must be worn as required. Overnight travel will be required.