



SeaStar Solutions

Job Title:	Supplier Quality Engineer
Job Purpose:	This position is responsible for investigating, analyzing and correcting problems in production, control and quality. This includes part quality, supplier part scrap, supplier MRB, supplier quality and production process evaluation, improvement and warranty issues. Further, this position manages all quality aspects of the APQP process of new part launches, supports supplier re-sourcing projects and performs on site quality audits.
Reports To:	Supplier Quality Supervisor
Direct Reports:	N/A
Version:	2.0 April 1, 2014

Education & Experience

- Possess a Mechanical and/or Manufacturing Engineering Degree, Mechanical Technology Diploma/Certificate or a Quality Engineering Certificate.
- A minimum of four years related practical experience.

Responsibilities

- Using 8D methodologies, determine the root-cause and correct manufacturing, warranty and scrap issues within a cross functional team.
- Coordinate, influence or lead suppliers toward product or process improvement.
- Responsible for coordinating the Advanced Planning Quality Process (APQP) for new supplier part launches.
- Responsible for the Production Part Approval Process (PPAP) from the supplier.
- Work with suppliers to ensure a First Past Yield of 95% or higher from supplier parts.
- Process MRRs, SUN's and SIN's.
- Integrate quality requirements in supplier programs for Standardized Work, 5S and Preventive Maintenance (PM).
- Support Standard Work (SW), 5S and PM implementation in supplier production.



- Champion the SCAR (Supplier Corrective Action) process.
- Coordinate with various departments such as Design, Engineering, Strategic Sourcing and Operations; conduct problem investigations and implement corrective actions.
- Liaise with suppliers directly on quality issues and with Strategic Sourcing on progress of supplier activities.
- Assist suppliers in the development of sampling plans for statistical processes and implement statistical process controls into supplier production cells.
- Determine inspection requirements for gauge selection incoming supplier parts.
- Apply engineering disciplines to maintain the integrity of organizational quality standards.
- Play a key role in the Product Development Process (PDP) to implement controls on vendor selection and part procurement. Manage projects derived from the PDP process.
- Visit suppliers as required to deal with onsite quality matters.
- Complete additional job duties and assignments up to 15% of the time.

Skills & Abilities

- Strong problem solving and decision making abilities.
- Well-developed organizational skills with the ability to manage a variety of tasks.
- Strong proficiency with MS Office programs including: Word, Excel, Access, Outlook and PowerPoint; and, the ability to learn other applications quickly.
- Must have real world experience working with individuals of diverse backgrounds and a respect for difference.
- Professional demeanor whether in person, via email or on the telephone.
- Knowledge of various manufacturing processes (machining, mechanical assembly, welding, casting, molding). Some familiarity with electrical assembly processes.
- Ability to utilize and implement Standardized Work, 5S, PM and quality requirements.
- Familiar with various types of measurement gauges, i.e.: Micrometer, Caliper, Mueller, Sunnen, Dialbore, Feeler, Pressure, Multimeter, Air gauges, go/no-go.
- Working knowledge of:
 - APQP elements, in-depth FMEA knowledge.
 - GD&T and dimensional metrology.
 - Basic statistical skills (normal distribution, cpk, ppk).
 - Working knowledge of GR&R and SPC.
 - Awareness or knowledge of CMM and interpreting results.
- Excellent verbal and written communication skills in English.
- Ability to work well independently and as part of a strong team.
- Previous experience in a manufacturing/production industry would be an asset.



Deliverables

- The employee will be measured on targets specified for PDP projects, FPY (First Pass Yield), Scrap, Warranty Rate due to supplier parts and SCAR's closure effectiveness.
- As this position is constantly evolving, please speak with your supervisor/manager regarding daily, weekly and monthly objectives.

Things to Know & How to Apply?

- Occasional travel maybe required.
- SeaStar Solutions is an equal opportunity employer.
- If you are interested in this position, please send your cover letter and resume to hr.canada@seastarsolutions.com with the subject: 2018-018.
- Relocation assistance is not provided for this role.
- Only applicants legally eligible to work in Canada should apply. No foreign applicants will be sponsored.
- We look at each resume in detail, so please be sure to review the job description and highlight your experience in relation to this role.
- All candidates will be updated on the status of their application.

To find out more about SeaStar Solutions, please visit our company website at: www.seastarsolutions.com or <http://canada.seastarsolutions.com/careers/>