



Supplier Quality Assurance Engineer

Purpose:

- To lead all aspects of creating and maintaining a high-quality supply base; through development and implementation of the controls applied to externally provided processes, products and services;
- To work collaboratively with suppliers to develop and implement best practices that emphasize defect prevention, reduction in variation and waste and provide for continuous improvements in meeting all customer requirements;
- To collect data for root cause analysis and provide corrective feedback to prevent line assembly and cell build stoppage due to supply issues;
- To focus on all aspects of supply from launch of a product into production and through its complete life cycle;
- To work closely with the Operations, Purchasing & Engineering departments.

Role & Responsibilities:

- Carry out supplier validation audits, with supplier support and supplier advanced product quality planning (APQP).
- Work with engineering team to define process parameters and criteria to ensure supplier process capability is effective to meet product and process requirements.
- Lead the supplier approval process by assessing manufacturing/technology capabilities and health, safety and Environmental risks
- Support new product launches to ensure that supplier quality meets the required standards
- Facilitate root cause analysis and corrective actions of supplier quality issues
- Perform on-site supplier visits for root cause analysis and verification of correction actions of supplier quality issues
- Collate and evaluate supplier quality data to identify process improvement opportunities within the supply chain
- Work with the supplier directly, create correction action plans to address process failures
- Lead in the supplier evaluation and monitoring, including supplier audits and other activities to ensure supplied processes, products and services are in accordance with the determined requirements.
- Determine and implement the controls needed for verification and validation of the externally provided processes, product and services- to ensure the requirements are met
- Promote the use of preferred techniques for continuous improvement such as; Lean, Six-Sigma, Measurement System Analysis, and Process Failure Mode and Effects Analysis (PFMEA)
- Provide concise, complete and accurate documentation of inspection results relative to area of responsibility. In appropriate functional areas, this refers to supporting inspection and test status requirements defined by regulations, engineering product specifications or Control Plans, Purchased Part Approval Process (PPAP) approval or product warrant submission
- Assist with engineering product specifications, Production Part Approval Process (PPAP) and evaluation of first off samples, validation and verification reports
- Participate in cross-functional teams in the development of new products or changes related to current products in meeting customer requirements
- Perform root cause analysis and resolve problems
- Other duties as assigned by management

Education/Experience:

- Bachelor's degree in electrical engineering; with 3-5 years' experience in a quality role; in the manufacturing industry
- Working knowledge of quality management systems
- Strong working knowledge of Advanced Product Quality Planning (APQP), Production Part Approval Process (PPAP), Failure Mode and Effect Analysis (FMEA)
- Good understanding manufacturing processes; specifically, those used in production of a custom build and automated assembly
- Lean Manufacturing knowledge is required
- Inspection methods/ audit experience is required
- Excellent problem-solving and analytical skills
- Good understanding and interpretation of engineering drawings
- Ability to travel including internationally up to 5% of the time
- Valid passport is required
- Must have a Canadian, EU or USA passport, with no restrictions on traveling to any regions of the globe



D & V Electronics Ltd. values their employees. We encourage life-long learning and foster employee personal growth. If you're someone who enjoys working in a creative and innovative work environment, and would like to join our team, please submit your resume and covering letter to: careers@dvelectronics.com or fax us at (905) 264 0502.

We thank all applicants for their interest in our organization, however; only those selected for an interview will be contacted.