

Nedelcu Alin

Supplier Quality Development for Electric & Electronics

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SUMMARY

Quality Management Engineer with a proven experience in automotive industry as quality engineer in project, production and process. In my 10+ years experience in quality field I gained skills in teamwork, quality management, project management, leadership, and self learning.

EXPERIENCE

MAHLE SQE-Development for E&E AEU

MAHLE 01/2024 - Present Timișoara, Romania

- assessment and approval of E/E suppliers and supplier production processes;
- perform supplier audits and supplier assessments, define development actions (e.g. VDA 6.3);
- planning and assuring quality of purchased parts applying quality methods (e.g. APQP, PPAP);
- perform process, risk and quality audits at suppliers, including development, implementation, tracking and monitoring of effectiveness of supplier corrective actions;
- problem solving tracking (e.g. 8D method, Pareto, lessons learned);
- support of preparation, review and release of Quality agreements with suppliers;
- collaboration in projects and documentation/presentation of results;
- active contribution in development activities for electric / electronic components with suppliers;
- advanced quality planning for purchased components with focus on electric, electronics and software;
- surveillance and evaluation of ASPICE and Functional Safety (ISO 26262) activities with suppliers;

Autoliv Project Supplier Quality Engineer - Electrical Components - Europe Region

Autoliv 02/2022 - 01/2024 Braşov, Romania

- actively involved in new component sourcing and development process;
- owner of supplier quality projects (APQP);
- escalate S-PPAP delays / deviations according to internally standard;
- responsible for supplier development (visits, audits and trainings);
- actively connected with project teams;
- assist development team in the transfer of customer specific requirements to our suppliers (Team Feasibility Commitment Review);
- owner of S-PPAP / PPAP for serial changes and replacement tools ensuring one PPAP is valid for all Autoliv plants;
- evaluate supplier's performance (submit rating for suppliers).
- part of the analysis team in case of complaints.

NBHX Project/Process Quality Engineer Coordinator

NBHX Romania 11/2020 - 02/2022 Braşov, Romania

- product approval process from the customer to performed the serial production (PPAP) according to customer requirements (VDA/AIAG)
- IMDS owner for relevant products
- component introduction process and release
- plans and follows up activities related to Requalification and Product Validation Test
- responsible for ensuring the quality of product and processes during the relocation process
- authority to block the parts from production area
- authority to stop the production line in case of nonconformity discovered.

EDUCATION

Master's degree, Technological Engineering and Industrial Management , Quality Management

Transilvania University of Brasov

01/2016 - 12/2018

Bachelor's degree, Electronics Engineering and Telecommunications

Transilvania University of Brasov

01/2010 - 12/2014

LANGUAGES

Romanian

Native ●●●●●

English

Advanced ●●●●●

CERTIFICATIONS

VDA 6.3 2023 Process Audit BFK

Automotive Core Tools VDA BFK

Core Tools AIAG (APQP, CP, PPAP, FMEA, SPC, MSA) Dekra

Internal Auditor IATF 16949:2016 & ISO 19011:2018 Dekra

International Material Data System Effective Flux

IPC-A-610 Acceptability of Electronics Assemblies

Certification Bosch

EXPERIENCE



Senior Quality Management Engineer SCR

Continental 01/2020 - 11/2020 Braşov, Romania

- support in the creation of quality plan documents, pro-active input into product and process design (according to Advanced Product Quality Planning (APQP))
- component introduction process and release: contributing quality aspects of the manufacturing approval (e.g. Control Plan, sample plan, test definition)
- safe launch activities: support the execution
- authority to block the parts from production area
- authority to stop the production line in case of nonconformity founded
- monitor the quarantine area and follow-up the parts flow
- monitor and analyze the reports from Product Quality Containment
- coordinate the PPAP team for serial life changes, submit PPAP and get Customer Approval.



Project Quality Coordinator VCU/ECU

Bosch Romania 02/2018 - 01/2020 Cluj, Romania

Company Description

- leads and participates in internal Process and Product Release
- product approval process from the customer to performed the serial production (PPAP) according to customer requirements (AIAG and VDA)
- applies problem solving methods, root-cause analyses Ishikawa, 5 Why, 8D methodology
- reviews the customer requirements with customer responsible and follows their implementation
- plans and follows up activities related to Requalification and Product Validation Test
- responsible for ensuring the quality of product and processes during the relocation process
- preventive high-quality work in the product development process (Quality Gates)



Quality Team Coordinator

Ducati energia S.p.A. 11/2016 - 02/2018 Ploieşti, Romania

- coordination of quality team members – 6 persons (3 quality technicians and 3 quality assurance engineers)
- responsible with reporting to "Top Management" when and where improvements are needed
- responsible with ensuring to all procedures from Quality Management System to be implemented and maintained
- ensuring that everyone in the organization is aware about customer requirements
- person responsible with accreditation, obtained and maintained of requirements by SR EN ISO / IEC 17025: 2005)
- follow up the activity of metrological verification
- follow up the entire activity from metrological laboratory.



Quality Coordinator Engineer

Ducati energia S.p.A. 10/2014 - 11/2016 Buşteni, Romania

- principal coordinator for relocation activity of a new factory site
- launch of production lines and implementation of new production system
- final interface between company and customer to introduction and validation of new projects
- maintain the right connection with the development team related to product improvements
- performing tests on new products introduced in the manufacturing process in order to improve them
- coordinator of audits performed by accreditation/certification bodies

SKILLS

MLA Control Plan (CP)

Measurement System Analysis Functional Safety

Automotive SPICE (ASPICE) ISO 26262

Quality Management

Quality Process Development Project Quality

Production Part Approval Process (PPAP)

Leadership Helicopter View

Change Management Personal Development

Product Development Production Quality

Supplier Negotiation Project Management

Statistical Process Control (SPC)

Failure Mode and Effects Analysis (FMEA)

Advanced Product Quality Planning (APQP)

Analytical Skills

Research and Development (R&D) Data Analysis

Product Launch Technical Drawing

Quality Improvement Supplier Quality 5S

Quality Assurance Teamwork

Emotional Intelligence Management

People Management Self Learning Proactive

MSA Product Validation Adaptability

IATF 16949 VDA AIAG Core Tools

8D Problem Solving