

Position Description |



Name:	
Title:	Quality Engineer
Since:	
PG / Division / Location:	ESDX/NAO/DEXTER
Line Manager:	UAP Manager
Functional Manager:	UAP Manager

Description:

The Quality Engineer within production drives the Faurecia QSE method and ensures product conformity in accordance with the control plan and the right application of the quality principles (QSE, respect of the ISO/TS 16949 for this scope...). The primary responsibilities include:

- Approve and implement internal work instructions on the production lines and thus ensure that all necessary inspections are included, the necessary time is allocated in the standardized work sheets and that the related measuring equipment is available and meets requirements (e.g. R&R study, etc)
- Ensure the respect of the control plan and archive required quality records in accordance with the control plan (1st part ok, ...)
- Define and update the inspection instructions according to the control plan (e.g. final inspection instructions, ok 1st part instruction)
- Organize and perform gauge R&R studies. Perform measurements and data collection on engineering samples, record SPC data and coordinate line trail data collection.
- Assess new and existing manufacturing methods, including tooling, fixtures, layouts and equipment for potential quality/cost improvements. Supervisor pre-production and pre-launch activities.
- Conduct Failure Modes and Effects Analysis (FMEA) in conjunction with advanced quality-planning activities. Compile the contents and assure compliance to customer requirements for all initial production part submissions.
- Facilitate the establishment and implementation of quality specifications, testing procedures and standards for raw materials, processes and finished goods.
- Develop and recommend inspection, sampling techniques and quality control plans, develop process control procedure to ensure production of finished product meet quality specification and standard.
- Provide leadership in APQP and PAPP processes to determine testing, sampling techniques and gauging methods needed to produce new products.
- Support program launches through all phases to support the Program manager and launch teams.
- Active participation in the UAP QRQC and sustain the rigorous application of the method.
- Conduct investigations to determine causes of defects and make recommendations for corrective actions. Provide feedback to manufacturing, engineering and quality based on the analysis of returned goods and internal non-conformances
- Update daily the quality indicators for the UAP and ensure that the quality indicators are well tracked by the GAP Leader for the lines
- Define and drive the priorities of quality continuous improvement in collaboration with the UAP & Quality Manager and construct an annual QSE plan based on defined priorities, including targets, resources and organization of QSE workshops.
- Facilitate QSE workshops and therefore master QSE tools and techniques including: 7 basics (Final Inspection, Pokayoke, self inspection, QRQC, etc.), Stop @ Defect, convergence plan, and

variability reduction. Train team members and support staff in appropriate quality training to ensure deployment of standards.

- Support the production supervisors in the implementation of the 7 Quality Basics (train, implement, track, alert in case of deviation...)
- Instruct and train applicable personnel in techniques and use of audit and testing devices
- Identify and implement best practices.
- Interface with Customers using on-line quality monitoring systems (GM Supply Power/GZTS, Ford Covisint...) and respond in an effective and timely manner to ensure zero non-conformances.
- Visit customers and suppliers as necessary. Act as a liaison to inertal and external customers
- Contact suppliers to put in place urgent actions to assure defect free parts for procutions. Assist in the evaluation and implementation of supplier corrective actions.
- Assure compliance of the documented quality system (TS-16949) and promote consistency throughout orgnization relative to the Quality Management System.

Qualifications:

The ideal candidate will have/be:

- Preferably a Bachelor's degree
- At least 2 years of production experience
- 2-3 years in a quality role with strong knowledge of quality methods (QRQC, problem-solving, 7 Quality Basics...)
- Strong sense of teamwork
- Strong communication skills
- Proven track record in upholding safety and quality standards

Affiliation/Profile:

Job Level: Professional
Function: Production
Schedule: Full-time
Contract: Salaried / Exempt

Last Update: 05/2011

By: Human Resources

SIGNATURES:

Employee	Line Manager