

SQM SCS Senior IC Assembly Series Production (SP) Engineer

Your tasks

Key Responsibilities

Advanced Electronics & Semiconductor Solutions (AESS)

Supplier Quality Management

- Develop, implement, and maintain a supplier quality management system for assembly process.
- Define and monitor KPIs, scorecards and quality performance targets for all assembly suppliers.
- Conduct periodic business and quality reviews with key partners to align expectations and improvement.

Compliance & Audits

- Plan & conduct VDA6.3 process audit & IATF16949 system audits at assembly suppliers
- Ensure full compliance with APQP, PPAP and customer specific automotive standards.
- Support qualification and approval of new suppliers and new assembly process.

Issue Resolution & Problem Solving.

- Lead root cause analysis and CA/PA(8D) for assembly related issues such as die attach defects, wire bond failures or package integrated issues.
- Monitor yield excursions and reliability test failures. Working with suppliers to implement robust correct actions.

New Process/Components Introduction

- Work with Technology & Operation Team to review & approve assembly process flows, control plan, PFMEA, PPAP and Change Notification.
- Support NPI and New Component Introduction Activities to ensure assembly suppliers are qualified for APQP/PPAP submissions and mass production readiness.

Continuous Improvement

- Drive suppliers towards zero-defect strategy, focusing on process capability(CP/CPK), poka-yoke, and mistake-proofing
- Benchmark and share best practices across the supply base to strengthen supplier competence.

Reporting & Documentation

- Maintain up-to-date audit records, PPAP packaging, supplier performance dash boards, and change control logs.



Job ID

REF74350S

Field of work

Quality

Leadership level

Leading Self

Job flexibility

Hybrid Job

Legal Entity

**Continental Automotive
Singapore Pte. Ltd.**

- Provide regular management update and supplier quality status, risks and improvement progress.

Overall

- SQM within a category without leading responsibility.
- Secure time to market and quality to market for component introduction.
- Contribute on continuous improvement programs of supplier quality related processes, guidelines and systems.

Your profile

- Academic degree in Engineering, Business administration or comparable qualification
- 7+ years of experience in semiconductor supplier quality or process engineering, with at least 5+ years in assembly/packaging.
- Strong understanding of semiconductor backend process.
- Experience managing suppliers in a fabless or OSAT environment.
- Familiarity with automotive standards (IATF16949, AEC-Q100, APQP, PPAP) preferred.
- Strong analytical and problem-solving skills using 8D, FMEA, SPC and DOE.
- With experience in Purchasing, R&D, Controlling or comparable preferably Automotive Industry
- Bilingual in English & Mandarin as need to liaise with Asia and Europe offices
- Strong Decision-Making Skills and entrepreneurship
- Project management knowledge, strong attention to detail and agile result-oriented negotiation skills
- Eager to learn new skillsets and to develop personally
- Strong team contributor, comfortable in collaborating with cross functional and highly multicultural teams in a highly active, fast paced environment across multiple time zones
- Excellent presentation and written communication skills to various levels of the internal and supplier organizations
- Willingness to travel regionally and globally to support supplier sites and audits.

Our offer

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

About us

AUMOVIO SE was founded in 2025 as a spin-off of Continental AG. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. AUMOVIO SE generated sales of EUR 19.6 billion in the fiscal year 2024 and employs around 87,000 staff in more than 100 locations globally. The company

is headquartered in Frankfurt, Germany.