

Tyler Banerjee

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SUMMARY

Quality Manager with 14 years of automotive manufacturing experience, including more than eight years leading plant and supplier quality functions in Tier 1 environments. Supports **engineered fiber based systems**, vehicle interiors, flooring, acoustic components, and related mobility applications. Leads quality teams, customer interfaces, launch readiness, supplier performance, audit preparation, and plant controls. Applies IATF 16949, ISO9000, QS 9000, ISO 14001, **CCC Quality Standards**, OSHA expectations, PPAP, PSO, **layered process auditing**, PFMEA, control plans, and **root cause problem solving**. Work with GM, Ford, FCA, and Honda customer systems has strengthened escalation practices and corrective action discipline. Combines practical floor support with clear planning, communication, and cross functional coordination. Brings a steady focus on product quality, safe operations, customer confidence, and lasting process improvement.

EXPERIENCE

Plant Quality Manager

April 2022 - Present

VectorTrim Automotive Systems

Findlay, OH

Leads plant quality for **Tier 1 automotive** material systems, directing **quality personnel**, customer communication, supplier actions, audit readiness, and launch controls across manufacturing operations.

- Led Tier 1 quality team through customer escalations, restoring clear ownership across plant functions.
- Updated **IATF 16949** and **ISO 14001** controls, strengthening audit readiness and daily accountability.
- Reduced PPM, written concerns, and RPN through focused root cause reviews and layered audits.
- Coordinated GM, Ford, FCA, and Honda requirements through practical plant escalation routines.
- Improved PPAP and PSO **launch readiness** by aligning **manufacturing** evidence with customer milestones.
- Closed supplier corrective actions through documented containment, verification, and follow up reviews.

Senior Quality Manager

January 2019 - March 2022

Summit Acoustic Components

Bowling Green, OH

Managed **automotive** acoustic quality operations with responsibility for **quality personnel**, supplier escalation, customer submissions, audit preparation, and production risk controls.

- Directed acoustic component quality operations, giving production teams faster answers during launch pressure.
- Built layered process audits and PFMEA reviews, exposing recurring risks before customer impact.
- Applied root cause analysis to recurring defects, improving containment discipline and corrective action quality.
- Coordinated **PPAP** and **PSO** submissions, keeping evidence aligned with customer launch expectations.
- Strengthened supplier escalation through clear ownership, documented actions, and verification at source.
- Prepared quality system audits by organizing records, owners, and follow through across departments.

Quality Engineering Supervisor

July 2016 - December 2018

Lakefront Mobility Interiors

Detroit, MI

Supervised quality engineering for Tier 1 interior programs, guiding engineers, customer system work, launch documentation, control updates, and team development.

- Supervised Tier 1 quality engineers supporting interior programs, production issues, and customer priorities.
- Expanded **ISO9000**, **QS 9000**, and IATF 16949 practices through practical team routines.
- Updated root cause findings and control plans, giving operators clearer responses to process risk.
- Coordinated PPAP launch documentation, connecting engineering evidence with customer approval milestones.
- Improved Windows based OEM customer records, making status review easier for internal teams.
- Coached quality staff through audit preparation, **problem solving**, and daily production support.

Senior Quality Engineer

June 2013 - June 2016

Midwest Vehicle Materials

Fort Wayne, IN

Supported automotive flooring process quality, supplier containment, customer portal records, layered audits, PPAP documentation, and defect analysis for vehicle material programs.

- Directed flooring **process quality** reviews, helping production teams contain defects before shipment.
- Developed PPAP documentation with complete measurement evidence and clearer customer submission records.
- Applied layered process audits to verify controls at workstations and expose repeat variation.
- Coordinated defect and concern analysis, turning shop floor findings into focused corrective actions.
- Improved supplier containment through defined checks, escalation timing, and documented verification.
- Maintained customer portal records, giving program teams dependable visibility into quality status.

Quality Engineer

June 2012 - May 2013

Great Lakes Automotive Textiles

Lansing, MI

Supported fiber based component quality through inspection, containment, root cause work, control plan updates, PPAP evidence, internal audits, and housekeeping reviews.

- Checked fiber based components against process requirements, supporting consistent production release decisions.
- Developed nonconforming material containment steps, limiting movement of suspect product through production.
- Applied root cause investigation methods to defects, helping teams separate symptoms from causes.
- Coordinated control plan updates after process findings, keeping production guidance current and usable.
- Improved **PPAP** measurement evidence by organizing results for engineering and customer review.
- Documented internal audits and **housekeeping** findings, supporting safer and more orderly work areas.

PROJECTS

Tier 1 Launch Quality Readiness 📅 2024

Created a launch readiness structure connecting PPAP, PSO, control plans, customer requirements, and plant review points for engineered mobility material programs.

Supplier Corrective Action System 📅 2021

Organized supplier containment, root cause review, verification, and escalation practices for recurring automotive material quality concerns.

LEADERSHIP & AWARDS

- Plant Quality Leadership Recognition for sustained customer response and production support.
- Supplier Quality Improvement Recognition for disciplined containment and corrective action follow through.
- Quality Team Leadership Award for coaching engineers and strengthening audit preparation.

EDUCATION

Bachelor's Degree in Industrial Engineering

2012

Michigan State University GPA: 3.5

East Lansing, MI

Coursework: Quality systems, manufacturing processes, statistics, operations management

CERTIFICATIONS

- IATF 16949 Quality Systems 📅 2020
- ISO 14001 Environmental Management 📅 2019

TECHNICAL SKILLS

- **Quality Standards:** IATF 16949, ISO9000, QS 9000
- **Environmental Standards:** ISO 14001, environmental audits, environmental controls
- **Customer Standards:** CCC Quality Standards, CNCA C11 09:2014, OEM requirements
- **Automotive Quality:** GM, Ford, FCA
- **Customer Systems:** Honda systems, OEM portals, customer records
- **Launch Quality:** PPAP, PSO, launch readiness
- **Process Analysis:** PFMEA, control plans, RPN reduction
- **Audit Methods:** Layered process auditing, internal audits, audit preparation
- **Problem Solving:** Root cause analysis, corrective action, containment
- **Safety Operations:** OSHA, housekeeping, plant safety

SKILLS

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|--------------------------|-------------------------|-------------------|-----------------------|
| • Quality Management | • ISO9000 | • OSHA Compliance | • RPN Reduction |
| • Tier 1 Automotive | • QS 9000 | • PPAP | • Root Cause Analysis |
| • OEM Quality Compliance | • ISO 14001 | • PSO | • Supplier Quality |
| • IATF 16949 | • CCC Quality Standards | • PPM Reduction | |

PROFESSIONAL AFFILIATIONS

- Automotive Industry Action Group participant, sharing practical quality system and launch practices.
- Society of Automotive Engineers member, connecting with manufacturing and mobility quality professionals.

LANGUAGES

- English (Native)
- Bengali (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST