

Contact: +1 (918)-908-9417 | **E-Mail:** ████████████████████ | **Location:** ████████████████, Michigan, USA

PROJECT MANAGEMENT | QUALITY ASSURANCE & EXCELLENCE PROFESSIONAL

Result-oriented professional with 4+ years of experience in implementing quality mechanisms to deliver desired output

Global Certified ISO 9001:2015 with IATF 16949:2016 Internal Auditor; Lean Six Sigma-Green Belt; VDA- Certified Product Safety & Conformity Representative; Primavera P6 with PPM Concepts; Google Analytics by Google

- Expertise in applying **Quality Management Systems** tools / approaches to various processes within the business unit; deft in formulating & maintaining quality control & assurance objectives complementary to corporate policies / customer demands across **Automotive industry**
- Steered the successful rollout of **project operations** with accountability of defining scope, setting timelines, analyzing requirements, prioritizing tasks and identifying dependencies as per pre-set budgets
- Demonstrated excellence in assuring that all developed products have **represented the maximum quality & reliability** attainable by establishing effective quality control inspections, tests & corrective procedures
- Track record of implementing **Lean Initiatives, Kaizen, TPM, APQP, PPAP, FMEA, SPC, MSA and other AIAG Core Tools**, etc.
- Provided support to other departments i.e. Manufacturing, Production, Logistics and Sales. Strengthening relationships with customers and suppliers
- Proven abilities in ensuring delivery of **high quality services** to support customer needs & achieve continued high satisfaction from operational users
- Instrumental in analysing the operational practices, identifying the areas of obstruction / failures and working on process changes for qualitative improvement

#EXPERIENCE

Quality Engineer/ Project Lead

ERAE AMS USA Manufacturing LLC, ████████, Michigan

Since Jul'18

Highlights:

- ✓ Consistently ensured the **timely completion of projects within given cost parameters**; implemented cost saving measures to achieve substantial reduction in terms of man days, production cost & energy consumption
- ✓ Project Lead for **Drive Shafts in USA for Volkswagen USA (ATLAS) and Volkswagen Mexico (TAREK & TIGUAN) Program** right from the inception to launch of project (SOP); SPOC to the customer
- ✓ Pioneered the implementation of **QM System, Quality Manual and Quality Agreement for Volkswagen Projects**
- ✓ **Reduced wear on the drive shafts by 40%** through design analysis & modification through AutoCAD
- ✓ **Implemented Lean Methods and Tools** which increased production and quality efficiency from 68% to 93%
- ✓ Executed **KAIZEN Projects** to reduce defects, improve quality and down-stream customer deliverability
- ✓ Led efforts for the **successful completion of 100% PPAP on time**
- ✓ Got **IATF Certification** to the company (ERAE AMS USA Manufacturing LLC) as a member of Internal Auditors' Team
- ✓ **Sole VDA Auditor**; ensured 100% Volkswagen VDA requirements
- ✓ Successfully performed & completed **emergency audits** with maximum efficiency to meet annual internal and customer audit schedules
- ✓ Played a key role in identifying areas of bottlenecks & breakdown and non-conforming products as well as taking steps to achieve **zero accident & customer complaints** through application of troubleshooting tools like root cause analysis & risk assessment
- ✓ Implemented operational techniques for cycle time reduction & identification of opportunities as well as executed cost saving techniques to achieve substantial **reduction in quality expenditures**

#CORE COMPETENCIES

- Quality Control & Assurance
- Audits / Inspection / Testing
- Project Management
- Process Design & Improvement
- Vendor Development / Supplier Quality Assurance
- Scrap Analysis
- Continuous Improvement
- Productivity Enhancement
- Liaison & Coordination
- Customer Relationship Management
- Lean / TPM / Kaizen
- SAP QM Module

#CERTIFICATIONS

- Global Certified ISO 9001:2015 Internal Auditor Training with IATF 16949:2016 Automotive Emphasis by AIAG
- Primavera P6 with PPM Concepts by CANTER CADD (ID – CCC10341)
- Lean Six Sigma-Green Belt by TUV SUD
- Certified Product Safety & Conformity Representative (PSCR – VDA) by Top QM Systems, SC, USA
- Google Analytics by Google

EDUCATION

2017: M.Sc. in Engineering Management, Oklahoma Christian University, Edmond, OK

2015: Bachelor's in Mechanical Engineering,
Sreenidhi Institute of Science and Technology,
■■■■■■■■■■, India



Unlock resume

- Monitor project progress & outstanding issues and ensuring the quality & timeliness of the deliverables; extending support to team members by defining standard practices
- Devise & implement various innovative quality processes / procedures
- Conduct internal IATF audits and VDA 6.3 Audits during project development stage and after SOP
- Provide quality documentation as per ISO 9000 & TS 16949 requirements
- Drive various product audits and Gage R&R based upon the VDA 6.5 and IATF requirements
- Develop & implement quality tests to resolve customer questions and queries during the project development
- SQE for all local USA sub-suppliers; steer audits at sub-supplier's location
- Complete monthly customer quality checks with Plant Manager at FCA (CTC) and report to the customer
- Collaborate with ERAE Korea Team to perform volume capacity analysis for PPAP before SOP

Project Engineer

Escorts Group, ██████████, India

Jul'15-Jul'16

Highlight:

- ✓ **Designed parts i.e. Chassis, Brake-Rods, Pedals, Stub-Axles** using SolidWorks

Key Deliverables:

- Revamped manufacturing processes, led benchmarking metrics on production floor, and reported challenges & achievements to senior management
- Conducted batch audits; executed break assembly on Escorts Tractors such as FARMTRAC 70, POWERTRAC 416

INTERNSHIPS

DAEWON America INC., Alabama, USA

Apr'18-Jun'18

Highlights:

- ✓ Implemented **Lean Methods and KAIZEN Projects**
- ✓ Championed **TPM initiatives**, resulting in achieving production efficiency target of 95%
- ✓ Accomplished **20% reduction of rework and scrap** through management of production line for stabilizer bar and suspension coil
- ✓ Drove **productivity improvements** in partnership with a team of Shift Engineers, Supervisors & Operators
- ✓ **Optimized production lines and inventory management** in the factory

Key Deliverables:

- Supported SOPs preparation; plant process & procedural changes
- Created queries & reports to measure operational KPIs such as Machine Uptime, Cycle Time, Labour Cost/Unit, etc.
- Conducted Scrap Analysis, Continuous Improvement and production tools and parts setting & testing

Solon Pvt. Ltd., ██████████, India

Jan'15-Jun'15

Key Deliverables:

- Delivered solutions related to tool design, vendor coordination, process changes, equipment procurement and installation
- Contributed in strategic planning and project management
- Managed purchase functions involving purchase orders, cost estimation, MOQ, EOQ, vendor selection, and supplier quality readiness through PPAP, PFMEA, Control Plan, GD&T, Gage R&R and Statistical Methods
- Evaluated transit times in SAP vs actual transit times; created BOM/part matrix

TECHNICAL SKILLS

- ISO 9000 / TS 16949 / ISO 14001 / VDA Vol 6.1 – 6.5
- Business Analysis Tools: ER Studio, Advanced Excel
- Design: AutoCAD
- Database Reporting Tools: MySQL, MS Access, R-Programming
- Project Management Tools: PRIMAVERA P6, MS Project
- MS Office: MS Outlook, MS Word, MS Excel, MS PowerPoint
- Other Tools and Skills: MATLAB, Minitab

ACADEMIC PROJECTS

Title: System Engineering on Fully Automated Heating and Cooling Ducts

Organization: Oklahoma Christian University

Period: Jan'16-Mar'16

Responsibilities: Conducted ISHIKAWA diagram analysis on the old Heating and Cooling System to identify problems and outlined them in the form of flow chart; selected the best model to solve the problem and best suitable for the system.

Highlights: Minimized making cost 30%; increased cost efficiency by 36%; improved customer satisfaction.

Title: Lean Six Sigma Project

Organization: Escorts Automotive Limited

Period: Sep'15-Nov'15

Responsibilities: Drove Lean Value Stream Mapping for stockroom intake & kitting process.

Highlights: Slashed non-value-added profits from 28% to 9%; implemented 5S; achieved 30% increase in space.

Title: Simulation of Spring Mass Damper System Using MATLAB

Organization: Sreenidhi Institute of Science and Technology

Period: Mar'14-May'14

Responsibilities: Anchored testing of different force and 'k' value required for dampers for perfect zero value when the vehicle experiences a bump on speed breakers, using MATLAB.

Highlights: Decreased shock to the minimum of zero while travelling on speed breakers or potholes.

KNOWLEDGE

- Manufacturing Process
- Managerial Economics and Financial Analysis
- Failure Analysis of Systems Engineering
- Design of Machine Members
- CAD-CAM
- Automation in Manufacturing
- Systems Engineering
- Tools of Operations
- Product and Inventory Control