

Summary

Detail oriented Supplier Quality Engineer with 16 years of experience in evaluating, auditing, and enhancing supplier performance. Aiming to utilize my expertise in supplier management, quality control, and process optimization to ensure the highest quality of materials and components are delivered. Proven ability to establish robust supplier relationships, conduct root cause analysis, and implement corrective actions to drive quality improvements.

Core Competencies

- Supplier Quality Management / Auditing
- Quality Management Systems (ISO9001)
- Environmental Management Systems (ISO14001)
- Root Cause Analysis Investigation
- Continuous Improvement
- Supplier Qualification / Monitoring
- Specification Writing / Control Plans
- Advanced Product Quality Planning (PPAP)

Professional Experience:**AMP – Electric Vehicle Energy Management Systems***Supplier Quality Engineer***Mar 2023 - Present**

- Led the establishment of a robust Quality Management System (QMS) to achieve ISO 9001 certification, demonstrating a strong commitment to quality standards and continuous improvement.
- Currently spearheading a successful audit process, ensuring compliance with quality and industry standards, showcasing exceptional attention to detail and meticulous auditing skills.
- Proficient in interpreting complex technical documents, including blueprints, and have completed relevant coursework in GD&T (Geometric Dimensioning and Tolerancing) to enhance understanding and application, contributing to precise quality control.
- Effectively manage and maintain relationships with multiple suppliers, particularly in the electrical sector, overseeing quality assurance processes, conducting Gage R&R analysis to ensure the consistency and reliability of critical components, such as PCBs and batteries.
- Demonstrated a high level of critical thinking in supplier development, addressing issues proactively and fostering continuous process improvement to drive product quality and overall operational.

PROTERRA POWERED INC - CITY OF INDUSTRY, CA**SEPT 2021 - PRESENT****SUPPLIER QUALITY ENGINEER**

- Conducted regular supplier audits to assess adherence to quality standards and contractual agreements. Implemented a supplier performance scoring system to track and improve supplier quality over time.
- Collaborated with cross-functional teams to address non-conformances and drive corrective actions for supplier-related issues.
- Established a robust incoming inspection process that significantly reduced defective components in the production line.
- Implemented an ESD companywide program to address production failures and prevent defects from escaping.

KOUSA INTERNATIONAL LLC – LOS ANGELES, CA**OCT 2009 - AUG 2021****DIRECTOR OF QUALITY**

- Developed and executed a comprehensive quality strategy aligned with company goals, resulting in a 36% improvement in overall product quality. Led cross-functional quality teams, fostering a culture of continuous improvement and accountability.
- Implemented key performance indicators (KPIs) to monitor and report on quality metrics, driving data-driven decision making.

- Oversaw and developed the successful implementation of a Quality Management System (QMS), ensuring compliance with industry standards and regulations, including IFIA membership.
- Conducted regular internal and external audits, resulting in improvement in compliance and a reduction in nonconformances through advanced planning. Managed a team of 7 quality professionals responsible for document control, training, and quality system maintenance.
- Subject matter expert in two litigations (providing depositions) over quality defects resulting in recovery of \$50MM for unpaid invoices.

BROADWIND ENERGY (TOWER TECH) – MANITOWOC, WI
TECHNICAL CUSTOMER MANAGER

JUNE 2008 - SEPT 2009

- Inspired and trained new and existing employees across three plants by developing and implementing highly technical welder training program with the approach of the welder's taking quality into their own hands. The resulting 100% welder certification rate to international and domestic standards increased efficiency of manual welding to a defect rate of less than 3%.
- Reduced equipment down time and increased arc time by implementing Lincoln Power Wave software designed to monitor the performance and diagnostics from a remote station. The system also recorded welding certification training records and re-certification schedule as well as store established weld procedures and prequalified weld procedure data.

CLIPPER WIND POWER LLC – SANTA BARBARA, CA
LEAD SUPPLIER QUALITY ENGINEER

MAR 2005 - MAY 2008

- Mentored team of 7 Quality Engineers across various vendor locations and oversaw production, quality, and scheduling of tower fabrications.
- Performed, reported and directed RCA (Root Cause Analysis), NCM's (Non-Conforming Material), Corrective & Preventative Actions, BOM (Bill of Materials), and QIRs (Quality Inspection Records) by developing Quality Management System (QMS) and database.
- Established a robust incoming inspection process that significantly reduced defective components in the production line.

ENRON WIND CORP / GE WIND ENERGY– TEHACHAPI, CA
SUPPLIER RECOVERY LEADER / STRUCTURAL WELDING SUPERVISOR

JAN 2000 - FEB 2005

- Led negotiations in cost recovery associated with quality deviations and contractual obligations and issues, including creating contract road maps, cost and budgetary impact assessment, and post-project assessments on a claim-by-claim basis, by leading motivated team.
- Participated in six sigma (black belt) projects for sourcing, value stream mapping exercises along with other lean manufacturing tools and training. Pioneered welding maintenance and repair schedules as well as conditioned welding procedures and applications for diverse types of wind turbines with different failure modes.

EDUCATION AND CREDENTIALS & PROFESSIONAL AFFILIATIONS:

BACHELOR OF SCIENCE (BS) IN OCCUPATIONAL WELDING
 Southeastern Oklahoma State University, Durant, OK, USA

Technical Proficiencies: Quality Management System ISO 9001, Environmental Management System ISO 14001, Six Sigma, Smartsheet, Microsoft, Minitab, RCA, Value Stream Mapping & FMEA

- Certified Welder & Inspector, American Welding Society
- Level II with Marine & Bridge Endorsements, National Association of Corrosion Engineers
- ISO 9001:2015 / 14001:2015 Certified Lead Auditor, International Standards Organization
- Certified Six-Sigma Black Belt, GE University