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RAJESHKUMAR LOGANATHAN

SUMMARY

Quality Engineer with 12+ years of experience in manufacturing, specializing in ISO 9001 QMS, process quality control, CAPA, and continuous improvement, with proven ability to lead cross-functional quality initiatives with QAQC analysis and inspections, design, engineering, supervision, testing, co-ordination, various Quality Inspection in private organizations.

SKILLS

- Software System: SAP & Oracle, Document Control, ERP System.
- Standards: ISO 9001:2015, ISO 10582, ISO 23999, ASME, ASTM, BSEN, DIN, NEMA.
- Good Knowledge of Measuring Instruments, Gauges & Calibration Systems.
- Management: QMS Auditing, NCR/CAPA, Root Cause Analysis, PDCA.
- Knowledge of International Organization for Standardization quality system
- Inspection and Testing: Skilled in various inspection and testing techniques to verify product quality.
- Excellent written & verbal communication skill
- Quality Control (QC): Expertise in maintaining and improving quality standards.
- Quality Assurance (QA): Proficient in implementing and managing QA processes to ensure product reliability.
- Quality Management Systems (QMS): Skilled in deploying and maintaining QMS frameworks.
- Root Cause Analysis: Competent in identifying and addressing the root causes of quality issues.
- Corrective and Preventive Actions (CAPA): Adept at implementing CAPA to address and prevent quality issues.
- Risk Management: Capable of identifying, assessing, and mitigating risks in the production process.
- Process Improvement: Focused on continuous process improvement to enhance efficiency and quality.
- Calibration: Proficient in the calibration of equipment to ensure measurement accuracy.
- Documentation and Reporting: Strong ability in documenting quality processes and generating detailed reports.
- Problem-Solving: Effective problem-solving skills to address and resolve quality issues.
- Continuous Improvement: Committed to ongoing improvement of processes and systems.

EDUCATION

Bachelor of Engineering
Mechanical Engineering
Vels University, India
2013

Diploma of Higher Education
Computer Application
CSC, chennai
2009

Lead Auditor
EAS Academy (IRCA – International Register of Certificated Auditors / CQI – Chartered Quality Institute) 2025

Experience

Head of QAQC

Global Vinyl Pvt Ltd | *Jaela, Srilanka* | *Feb 2025 – till date*

- Lead and maintain the ISO 9001 Quality Management System (QMS)
- across all manufacturing processes, ensuring compliance with standards and continuous improvement practices
- Develop, implement, and control SOPs, Work Instructions, Control Plans, Inspection Checklists, and Quality Documentation
- Manage end-to-end QA/QC operations, covering incoming raw materials, in-process inspections, and final product quality
- Establish and monitor critical quality control points across extrusion, UV coating, cutting, and packing processes to ensure consistent product performance
- Ensure timely closure of non-conformities through effective corrective actions
- Lead customer complaint handling, performing structured Root Cause Analysis (5 Why, Fishbone) and implementing Corrective and Preventive Actions (CAPA) to prevent recurrence
- Drive continuous improvement initiatives using quality tools such as SPC, Pareto Analysis, and data-driven decision-making to enhance process stability and reduce defects
- Monitor and analyse process parameters using Statistical Process Control (SPC) to identify deviations and improve process capability
- Coordinate with Production, Maintenance, and R&D teams to resolve quality issues and improve overall manufacturing efficiency
- Manage supplier quality assurance, including incoming material inspections (PVC resin, stabilizers, fillers, IXPE, etc.) and supplier performance evaluation
- Ensure readiness for external audits and customer inspections by maintaining proper documentation, traceability, and compliance systems
- Supervise and guide QA/QC team members, providing training on quality standards, inspection methods, and defect analysis
- Develop and maintain quality KPIs, dashboards, and reporting systems to track performance and support management decision-making
- Implement systems to control batch-to-batch variation and product consistency, including labelling, traceability, and process standardization

☐ **Key Achievements**

- Reduced customer complaints 15% by implementing a structured CAPA system and root cause analysis approach
- Improved product consistency by standardizing process parameters and inspection criteria Successfully resolved
- surface finish issues (gloss/matt variation) through process and material control improvements
- Strengthened QMS framework aligned with ISO 9001 standards, improving audit compliance and process discipline

QAQC ENGINEER

Hepworth PME Qatar | *misaieed, DOHA* | *Sept 2017 – Oct 2024*

- Standardized Compliance: Managed end-to-end quality assurance for pipe and fitting manufacturing in strict accordance with
- ISO, BSEN, DIN, NEMA, ASME, ASTM and other International Standards.
- Process Improvement: Developed and implemented new QC procedures that increased production efficiency and reduced defect rates by identifying bottlenecks in the manufacturing workflow.
- Technical Inspection & Testing: Conducted rigorous mechanical testing, including

- Tensile, Impact, Hardness, and Bend tests, ensuring 100%compliance with client specifications and international safety codes.
- Systems Proficiency: Streamlined data management and tracking by utilizing SAP
- And Oracle ERP systems for real-time document control and inventory sampling.
- Cross-Functional Leadership: Coordinated with Project Managers, third-party inspectors, and clients to execute quality audits, ensuring seamless project delivery and product acceptance.
- Material Control: Oversaw raw material sampling and lot control procedures, mitigating risk at the source and maintaining high-quality input for production lines.
- Documentation & Certification: Prepared comprehensive technical inspection reports and managed product certification procedures to support global sales and regulatory requirements.
- HSE Integration: Actively adhered to and enforced company HSE (Health, Safety, and Environment) protocols, maintaining a zero-incident record during inspection activities.
- Team Training: Collaborated with production teams to provide technical training on quality control processes, fostering a culture of continuous improvement and precision.

QC INSPECTOR

L&T Valves pvt ltd | chennai, india | February 2014 - March 2017

- Conducted inspections and tests on valves at various stages of the production process, including incoming material, in-process, and final inspections.
- Inspected Bought out finished product & Reporting to QC manager on all Quality Issues.
- Valve Inspection and Testing arrangements and witness with Inspectors as per API Standards.
- Applicable Knowledge in GRN Clearance and Documentation.
- Inspection of deliveries of materials to assure that they are within tolerances, grade in quality as specified standard procedures.
- Supervised Supplier work by monitoring Bought out items finish performance, Test Certificate, material handling and inspection results.
- Reviewed Material Test Certificate as per requirements from international Standards.
- Ensured that valves met the required quality standards and specifications, including ASME, API, and ISO standards.
- Used measurement tools and equipment to perform dimensional inspections, visual inspections, and non-destructive testing.
- Identified and documented any defects or non-conformances and worked with the production team to resolve issues.
- Created and maintained inspection records and reports, including non-conformance reports (NCRs) and inspection reports.
- Reviewed Material Test Certificate as per requirements from International Standards
- Reviewed and approved contractor inspection reports, audits, and other test reports.
- Issues on non-conformance reports, analyze root cause and evaluate proposal for closures
- Applicable Knowledge in PMI inspection Machine and NDE Test Methods

CERTIFICATIONS

- Lead Auditor

  As a Lead Auditor, I don't just look at the product; I evaluate the entire manufacturing system. I can identify process failures before they result in defective batches, helping the company avoid significant material costs.

- Fire Fighter
- Emergency First Aider plus Defib & CPR (Valid)

INSTRUMENTS FAMILIAR

Vernier Caliper, Micrometer, Pie Tape, Bevel Protractor, Thread Gauge, Shore D Meter, Viscometer, Hardness Tester, Universal Testing Machine, PMI Machine etc.

REFEREES

1. Mr. W R Chamila Jayalanka

   Managing Director – Travel Call Pvt Ltd

   Email: chamila@travelcall.lk, Tel: 0777855055

2. Mr. Ganendran Kumaraswamy

   Director – Global Vinyl Pvt Ltd

   Email: gane@globalvinyl.lk, Tel: 0772984212