ASHISH SHUKLA

7071704714 | ashish9998@gmail.com | India

PROFESSIONAL SUMMARY

Results-driven **Quality Assurance Engineer** with **8+ years** of progressive experience in transformer manufacturing quality control, in-process inspection, and testing. Reducing shop-floor rework by implementing quality procedures across power transformers up to **500 MVA .** Skilled in leading customer inspections (NTPC, PGCIL, Export Customers), driving CAPA initiatives, and ensuring compliance with IS/IEC, ISO 9001:2015. Adept at root cause analysis, vendor assessment, and cross-functional coordination to deliver zero-defect products on schedule.

PROFESSIONAL EXPERIENCE

Assistant Manager — Quality
Aug 2022 – Present

Technical Associates transformer Ltd. | Sitarganj, Uttarakhand

- Lead end-to-end quality assurance for power transformers up to 400 kV class, ensuring compliance with IS/IEC standards, CEA regulations, and customer specifications.
- Independently manage stage inspections for NTPC, PGCIL, and export clients, preparing comprehensive inspection reports with supporting documentation.
- Reduced shop-floor rework by implementing enhanced quality procedures, checklists, and work instructions for winding, core assembly, CCA, SPA, tanking, and dispatch processes.
- Established and maintained an in-process CAPA system, driving root cause analysis and corrective actions that improved first-pass yield across production stages.
- Preparing Quality Assurance Plans for various customer as requirements & satisfaction
- Coordinated vendor plant assessments (CRGO steel, copper, radiators, tanks) to ensure incoming material quality and supply chain reliability.
- Maintained calibration schedules for all test equipment and instruments, ensuring measurement accuracy and audit readiness.
- 5S workplace organization on the shop floor, contributing to improved safety and operational efficiency.

Engineer — Quality & Testing
Aug 2019 – Jun 2022

ECE Industries Ltd. | Sonipat, Haryana

- Executed in-process inspections on 132 kV and 220 kV class power transformers, conducting quality gate reviews at winding, core assembly, CCA, and tanking stages.
- Performed incoming raw material inspection and vendor material witnessing (CRGO stamping, cooling radiators) with third-party and customer representatives.
- Compiled test certificates and stage inspection reports for customer review, achieving zero documentation non-conformities during external audits.
- Maintained ISO 9001:2015 QMS documentation and supported internal/external audits with complete traceability records.
- Prepared Cost of Poor Quality (COPQ) reports, enabling management to target high-impact quality improvement initiatives.
- Completed NABL Internal Auditor training (ISO/IEC 17025:2017), enhancing laboratory testing audit capabilities.

Engineer — Quality
Jul 2018 – Aug 2019

General Engineering Works | Naini, Uttar Pradesh

- Performed in-process testing and quality checks at winding, core assembly, core-coil assembly, and box-up stages for distribution and power transformers.
- Conducted all routine transformer tests alongside customer representatives and witnessed third-party lab testing.
- Managed equipment calibration program and maintained traceable records for all measuring instruments.
- Handled incoming material QA checks and maintained documentation in compliance with ISO 9001:2015 requirements.

- Resolved customer queries during stage inspections across multiple state electricity boards, ensuring smooth inspection clearance.

CORE COMPETENCIES

Quality Systems: ISO 9001:2015, ISO 14001 (EMS), ISO 45001 (OHSAS), ISO/IEC 17025:2017, CEA Standards

Transformer Expertise: Power Transformers (up to 500 MVA / 400 kV), Winding, Core Assembly, CCA, SPA, Tanking)

Quality Tools: Root Cause Analysis (RCA), CAPA, FMEA, 5-Why, 8D, COPQ Analysis, SPC, Quality Gates

Inspections: Stage Inspection, In-Process Inspection, Vendor Assessment, Third-Party Witnessing, Customer Audits

Documentation: QAP, Test Certificates, Inspection Reports, Checklists, Work Instructions, NCR Management

Soft Skills: Cross-functional Leadership, Client Relationship Management, Stakeholder Communication, Team Mentoring

CERTIFICATIONS & TRAINING

✓NABL Internal Auditor — ISO/IEC 17025:2017 (General Requirements for Testing & Calibration Laboratories)

✓ISO 9001:2015 Quality Management System .

EDUCATION

Master of Business Administration (Marketing)

U.P. Rajarshi Tandon Open University, Prayagraj | Expected Jul 2025

Bachelor of Technology — Electrical Engineering

Dr. A.P.J. Abdul Kalam Technical University, Lucknow | Jun 2018