



DINESH A

Senior Engineer - Quality

CONTACT

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LANGUAGES

English ■■■■■■

Tamil ■■■■■■

Telugu ■■

SKILL HIGHLIGHTS

- Root Causes Analysis
- Internal Auditor
- QC Tools
- PFMEA, SOP and JTC.
- Analytical and Critical Thinking, Problem Solving
- Special Process Validation – Crimping, Brazing, Tig Welding

PROFILE SUMMARY

Having 4.9+ Years Hand-on Experience in Manufacturing Industries Like Transformer. Skilled in Identifying process inefficiencies, recommending corrective actions, and supporting the Production / Development of Product in a Quality Environment.

PROFESSIONAL EXPERIENCE

Engineer

G.G.Electricals, India – May 2021 to September 2022

- As 1.4 years of hands-on experience in Repair and Service Works of LT Industrial Transformers (both Dry Type and Oil Cooled), Motors, Generators and Electromagnet.
- Worked in Material Handling, Procurement, Production and Testing.

Quality Engineer

Wilson Power Solution, India - September 2022 to April,2025

Senior Quality Engineer

Wilson Power Solution, India – April 2025 to Present

- Dedicated and results-driven professional with 3.5+ years of hands-on experience in transformer manufacturing.
- Specializes in quality management, Internal auditing, COPQ, Risk Management, PFMEA, SOP, JTC Modification
- Having Hand-on Experience in CA, Winding, CCA, Connection, Tanking and Despatch
- Conduct Stage and Routine Testing – Pre-core Losses, Winding Resistance, Before and After Brazing Test (IR (DC), HVT (AC), Turns Ratio and Vector group, MCT & MBT), SSV, IOVW, Oil BDV, CT Ratio Test, Marshalling Bos Functional test, Load Losses & Impedance Test
- Reviewing the Design Drawing to Provide DCR – BOM and Assembly Drawing to eliminate the Practical Difficulty and stream-line fast Production
- Validation and Training of Workers for Smooth Production line.
- Conduct Daily and Weekly Shop Floor Meeting based on Observation, Internal NC's and External NC's.
- Review QAP and Handling Customer Inspection – Stage (CA, CCA and Winding) and FAT
- Special Process Validation – Crimping, Brazing and Tig Welding for Both Workmanship and Material – External Validation Report
- Providing and Handling NC's – Internal (IMI, Production, Stores and Design) and External (Customer Complains).
- Coordinate with Cross functional Team – Design, Purchase, Stores and Testing for Smooth Workflow.
- Continual improvement defining "Do's & Don'ts" (or Right & Wrong), Update Check list and Record the Observations at respective stages.
- Statistical analysis of CA, CCA, Winding, Tanking areas quality observations / NC's / Deviations.

PERSONAL DETAILS

Date of birth :15th October 1998

Gender : Male

Nationality : Indian

Marital status : Single

Key Impact Areas

- Quality Assurance
- Preparing new procedures
- Reviewing QAP – In process
- Material, Process and Workmanship Validation.
- Customer Handling.
- Proto / Special - Jobs Complete Inspection.

COMPUTER SKILLS

- Microsoft office package
- AutoCad (Basic)
- Ansys Maxwell (Basic)

EDUCATION

- ❖ **Bachelor of Engineering: Electrical and Electronics Engineering** – *2019-2021*
Sri Venkateswara College of Engineering – Chennai – Tamil Nadu..
- ❖ **Diploma In Engineering: Electrical and Electronics Engineering** – *2017-2019*
Department of Technical Education, Chennai, Tamil Nadu.

CERTIFICATIONS AND TRAINING

- ❖ **ISO 9001:2015 Quality Management System Internal Auditor** *May-2024*
TUV INDIA PVT LTD, Cert. No: 05-010/24-25/158/8122749185/05
- ❖ **ISO 14001:2015 - Environmental Management Systems (EMS)** *May-2024*
TUV INDIA PVT LTD, Cert. No: 05-010/24-25/158/8122749185/05
- ❖ **ISO 45001: 2018 Occupational Health and Safety Management Systems** *May-2024*
TUV INDIA PVT LTD, Cert. No: 05-010/24-25/158/8122749185/05

APPRECIATIONS

- Implementing quality control processes to identify and prevent Winding failures, IOVW Failures, and Tan- Delta Failure ensuring enhanced reliability and performance during testing.
- Contributed as a team member in successfully performing and passing the Dynamic Short Circuit Test on an 18 MVA transformer, meeting all technical requirements.
- Contributed as a team member in successfully performing and passing the Partial Discharge Test on 2 MVA transformer, meeting all technical requirements

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I understand that any false

Place: Chennai

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