

# Santhosh Yadav.M

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# Professional Summary

Plant Maintenance, Testing, Production, Testing and commissioning with total 9 Years experience in M/s kenscoff Manufacturing S.A,Haiti. Pan Africa Transformers Switchgear ltd. Kenya, Powertech Transformers controls Pvt Ltd. india, Roshan energy Ltd. Nigeria, Kunda Transformers. india, Vishawanath Transformers. india, and Aditya coils Pvt Ltd. India, in manufacturing company managed the Planning, Maintenance, Production, process improvement, Testing and quality of winding and coil assembly shop using lean manufacturing to reduce costs and increase process efficiency.

Skill Set

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| * Production Planning | * Productivity & Process improvement | * Transformer repair |
| * Problem solving | * Management of Material Resources | * Coordination |
|  | * Electrical Testing * Automation in winding machine. * Autocad | * Transformer Winding |

**Career Accomplishments**

* Electrical Power, Distribution, Dry Type Transformers worked on Production,.
* Testing both plant and sites, Inspecting the sites, redesign the repair transformers coil, monitoring the team, transformers overhauling, Switch gear, Generator, Motors, Circuit Breaker Maintenance.
* In Quality Department ISO standards, Purchase department, follow up the raw materials, machinery spare parts replacement and repair. Most of the Government, Private and third party inspections in plant and sites.
* Field side servicing, maintenance trouble shoot and Testing and Commissioning of transformers.
* Worked with 400 employees and staff, Maintained the Production with proper measurement of Copper and Kraft Paper. Implemented new Testing Equipments.
* Electronics Transformers, Preparation of Bom and BOL and sharing details to Sales department for quote.
* Design study and developing the product. Testing the electrical and mechanical parameters, Preparing the Samples on Hook, Automatic Machine like Elmer, Teeming, PI, and few Air coil windings.
* Training the Team leader, Inspecting Electrical Maintenance, Giving the Drawings to prepare Gauges and fixtures, Mandrels. Preparation of floor documentation and examine the supplier and customer data.

Controlling process while Tinning Solder, Potting, Stripping, Oven temperature, usage of Varnish.

* Shipping or delivering quality Materials as per scheduled time.
* Maintaining the plant neat clean and with workers good coordination.
* Knowledge of International Standards.

# Work Experience – Job profile

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| **Company** | **Designation** | **Nature of duties** | **Period** |
| M/s Kenscoff Manufacturing S.A, Port au Prince, Haiti. | Electronic ENGINEER | Studying the customer designs, and developing the product with electrical and Mechanical parameters. Working on reverse engineer and some quality relavent works like CAPA. | 8years 10months  (NOV 2021  To  Till date ) |
| M/S PAN Africa Transformers Switchgear limited,Kenya | Testing Engineer(Power and Distribution Transformers) | Testing of Distribution and power Transformers, and scheduling the repair transformers repair and rewinding details to the production. In time production and executing the dispatch | (Oct 2020 To  Dec 2020) |
| M/s Powertech Transformers Controls Pvt Ltd | Testing and Production Engineer (Power and Distribution Transformer) | Plan monitoring Maintenance and execute the manufacturing of Power ,Distribution Transformer, Dry TYPE transformers, Winding fault trouble shooting | (May 2018  To  Sep 2020) |
| M/s Roshan energy  Ltd, Abhuja,  Nigeria | Testing and Commissioning  Engineer | Testing of Transformers and servicing, Maintenance, Overhauling 0f 140MVA,330KV and 15MVA 33KV/6.6KV Trouble shooting transformers repair | (Oct 2017  To  Aprl 2018) |
| M/s Kunda Transformers Pvt.Ltd  Hyderabad | Production and Testing Engineer | Planning of Production as per orders and procuring all raw materials and executing manufacturing, final Testing of transformers all Routine and Type Test | (Jan 2015  To Sep 2017) |
| M/s Vishwanath Transformers Ltd.Hyderabad | Production Engineer | Plan monitor and execute the manufacturing of Power, Distribution Transformers. | (Jan 2014  To  Dec 2014) |
| M/s Aaditya Coils PVT Ltd.Hyderabad | Plant Maintenance and  Production Engineer | Testing of Distribution Transformers single Phase transformers and Daily production Reports, doing inspection of Departments | (July 2012  To  Dec 2013) |

**Designation : Testing Engineer – Power & Distribution Transformers - NOV 2021 to Till date**

**Company: kenscoff manufacturing S .A,**

* Developing the transformers of electronic, inductors, chokes, miniature inductors, as per the customer designs.
* Submitting the samples to customers from various parts of customers and keeping parameters electrical and Mechanically.
* Reverse engineering as per customer sended samples.
* Working BOM and BOL, Updating checklist and Assigning the work to production.
* Working on Programmable automatic winding Machines and Machine setup.
* Working on Quality Control
* Controlling in packing and final inspection.
* Monitoring the production and co-coordinating with team.

**Designation : Testing Engineer – Power & Distribution Transformers - Oct 2020 to DEC 2020**

**Company: Pan Africa Transformers Switchgear ltd, Nairobi, Kenya.**

* Testing of Repair and new Transformers
* Assigning the Repair Transformers winding details and measuring wire sizes as per the existing coils.
* Site Visiting for selection of Repair Transformers for Repair Production .
* Daily production and Testing reports done.
* Tendering documentation and preparing.
* Doing Inspection for Repair Transformers for the customers of KPLC & REA
* Complete scope of work doing until Dispatch.

**Academic Project.**

**Designation: Testing and Production - Power & Distribution Transformer – May 2018 to Sep 2020 Company: Powertech Transformers controls Pvt Ltd, Hyderabad.**

I reporting to: Managing Director, GET .Total Team size: 50, Product: Power Transformer 10 MVA to 140 MVA, up to 132 KV Class, Distribution Transformer: 100 KVA/11kV to 3150KVA/33KV

* Knowledge in problem solving related to winding repair of power and distribution transformers.
* Plan, monitor & execute the manufacturing of Transformer Wind ing, Coil assembly, Core Building,

Connection, DispatchSections.

* Allotting man power for machines & Assembly shop depends on skill of operator
* Attending customer complaints at site whenever required by service dept.
* Attending Erection and Commissioning works when Work Order is less.
* Having Knowledge about Routine & Type tests of transformer
* Taking technical training to subordinates and new Operator to develop their skils.
* Ensuring all materials availability before to start the work.
* Trained the Winding operator to checking ISO Quality Points of coils.
* Ensure delivery of product on time ensuring —5s, Safety and Maintenance.
* Ensure reduction in process failures/rework/scrap.
* Participating in design review & suggest design changes during review to suit production.
* Coordinating with purchase, logistics, stores, finance for sending materials to job work Contractors.
* Maintaining the Electrical and Mechanical, Civil works.
* Participating in ISO 9001-2000 Audit.

# Operational Preview

* Power Transformer Windings 11kv to 330kv (Up to 140MVA)
* OVDT- Open ventilated Dry Type Transformer windings 250 KVA to 2000 KVA
* HV Winding such as Continuous Disc winding, Edge, layer winding with bunched conductors & CTC Conductors
* LV/IV/TV Winding Like- Continuous Disc winding, Multi Layer with CTC, Helical - (Single Deck, Double Deck, Triple Deck) Up to 48 Conductor in Parallel.
* Insulation preparation process of all insulation items required for power transformer
* Core Coil Assembling of distribution transformer of the rating of 100 KVA to 400 KVA.

# Designation: Engineer (Testing & Commissioing ) – Oct 2017 to April 2016 Company: M/s Roshan Energy Ltd, Nigeria.

Client Name :- Premium steel & mines Limited.

* In this site Testing and commissioning of Power Transformer 330KV/33KV Gas Insulated Substation 15 MVA to 140 MVA Transformer Sf6 Circuit Breaker
* Responsible of Servicing, Repairing, complete overhauling of Transformers with manpower of 30 NO’s.
* Failure occurred transformers replaced new coils, complete Replacement of Relays, Fans.
* Pre commissioning activities like cold and hot loop checking, Trouble Shooting Test Report Preparation.
* Electrical and Instrument cable Tray plotting and cable plotting.
* Responsible for Maintenance and operation of Electrical System,120KVA,300KVA UPS.
* Cable tray routing for electrical and instrumentation.

# Designation: Production and Testing Engineer – Jan 2015 to Sep 2017 Company: M/s Kunda Transformers (P) Ltd Hyderabad.

Manufacturer of Power and Distribution transformers

* Plan, monitor & execute the Testing team as per dispatch plan
* Ensuring that All equipment in the laboratory are working optimally and are duly calibrated
* Root Cause Analysis and ensuring adherence to specifications. Preparing of standard operating procedures
* Participating in internal audit for Quality Management Systems and Plant Electrical Maintenance.
* Leading the testing team and rendering guidance to the testing team for production testing
* Producing monthly test reports of testing and maintaining test records of all dispatched products

# Designation: Production Engineer –Jan 2014 to Dec 2014 Company: M/s Vishwanath Transformers Ltd.

* Plan, monitor & execute the production as per dispatch plan
* Preparing production schedule
* Allocating resources and duties to staffs
* Trouble shooting transformer repair work

# Designation: Mainenance and Testing Engineer –July 2012 to Dec 2013 Company: M/s Aaditya Coils Pvt Ltd.

* Detail study of Design as per this Design procuring all Raw Materials.
* Preparing Daily production schedule
* Testing of Transformers and dispatching Transformers.
* Trouble shooting transformer repair work of Distribution Transformers
* Daily Maintenance of Plant works Like Electrical and Mechanical works.

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| **Examination** | **Institution** | **Year** | **Percentage** |
| Master’s in Technology of Control System | St Mary’S Group of Institutions, Hyderabad | 2014 to 2016 | 70.00% |
| Bachelor of Engineering (Electrical & Electronics  Engineering) | St Peter’S Engineering College, Hyderabad. | 2008 to 2012 | 60.32 % |
| 12th standard | V Nalanda Jr college, Hyderabad. | 2006 to 2008 | 69.1% |
| 10th standard | St Rita High School, Hyderabad. | 2005 to 2006 | 62 % |

# Awards & Certifications

1. Certified in National Level Work shop on Electrical Power Systems.
2. Participated in National Franchise Training Program.

**Passport Details**

Passport Number : N9453007

Date of issue : 16.03.2016

Date of Expiry : 15.03.2026

# Personal Information

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Name : M Santhosh Yadav

Father Name : M Mallesh Yadav

Date of Birth : 23.01.1990

Marital status : Unmarried

Language known : English, Hindi, Telugu, Haitian creole

Nationality : Indian

# Declaration

I here by assure you that all the above furnished details are true to the best of my knowledge. i Assure that I will do my best towards the growth of organization.

Date :

Place : (M.SANTHOSH YADAV)