

MANIKANDAN R

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ELECTRICAL AND ELECTRONICS ENGINEERING PROFESSIONAL

Seeking for a challenging and rewarding post in a dynamic company where I can use my strong technical knowledge and skills for developing codes. A result oriented and self-motivated. I can better help the employees in learning new strategies and ideas for the growth of the company.

PROFILE

- Offering an experience of **8 years and above across various operations in** Quality Management System **ISO / IEC 17025:2017**, Testing of Electrical Motors and Pumpsets, Electrical Materials, **Maintenance of Wind Power Plant and CNC Maintenance** as Electrical Engineer.
- Ability to use sound judgment & decision-making skills and effectively perform in a self-directed environment.
- **Implemented Safety Policies of the company and provide safety training** for all employees at the factories to ensure all organization policies, rules and regulations are strictly followed and ensure all employees are working in a safe environment.
- Providing **technical training** for all employees to improve their technical knowledge as well as to **technically strengthen** the organization.
- Having crazy with learning of new information and implement in work.

PROFESSIONAL EXPERIENCE

TESPA CALIBRATION CENTRE, COIMBATORE (DECEMBER 2024 TO TILL NOW)

TECHNICAL MANAGER - ET

- Maintaining the required documents as per **Quality Management System ISO/IEC 17025:2017**.
- Calibration of Electro-technical and Thermal Instruments, Evaluating Measurement Uncertainty and authorizing the calibration certificates.

SCIENTIFIC INDUSTRIAL TESTING AND RESEARCH CENTRE (SITARC) – COIMBATORE (MAY 2019 TO NOVEMBER 2024)

SENIOR ENGINEER (TESTING & CALIBRATION):

- Experienced in **Quality Management System ISO/IEC 17025:2017**.
- **Authorized signatory** in the group of **Rotating Electrical Machines and Electrical Material testing** by NABL.
- **Testing and Certification** of Electrical Cables, Winding wires as per IS 694, IS 13730, IS 8783, IS 7098, IS 1554 standards.
- **Testing and Certification** of Motors and pumps as per Indian standards (IS 12615, IS 996, IS 7538, IS 9283, IS 8472, IS 8034, IS 14220).
- Environmental testing as per **IEC 60529, IEC 60034-5, ASTM B117, IS 9000 and other Indian standards**.
- Experienced in the field of **Electro-technical and Thermal calibration, Measurement Uncertainty** and experienced in handling of laboratory precision instruments (**Multi Product calibrator 5500A, Three phase test system TS 33, Decade resistance box, HV Tester, Thermo couples**)
- Preparation and updation of all documents as per **ISO / IEC 17025 : 2017** and experienced in NABL and BIS audits.
- Knowledge in **Quality Management System IATF16949 and ISO 9001**.
- Handling and Scheduling **maintenance** of all Equipment.
- Successfully attend **8 NABL audits** and **3 BIS audit**.
- Member of **Resource Support Team and Trainer of Indian Standards** (IS 12615, IS 996, IS 7538, IS 9283, IS 8472, IS 8034, IS 14220) **by BIS**.

LEAP GREEN ENERGY PVT LTD., - COIMBATORE (OCTOBER 2016 to APRIL 2019)

JUNIOR ENGINEER:

- **Team Player of First organization having Own AMC team in State level.**

- Being member of **OWN IN HOUSE Operation and Maintenance** team which results in fault rectification of **electrical and mechanical errors**.
- Attending **Major Breakdowns** of wind turbines (**Electrical as well as Mechanical**)
- Planning and Conducting **Half year maintenance and Annual maintenance** of Wind turbines.
- Rectify all failures at **HT yard EB and Consumer (33kV)** side.

WIND CARE INDIA PVT LTD., - UDUMALPET (JULY 2015 TO SEPTEMBER 2016)

ENGINEER TRAINEE:

- Team player of **Re-Erection and De-erection** of all major components in wind turbines.
- Team member of **India's First** organization that erect the all components (Like Generator, Gear Box & Blades) **without crane technology**.
- DE-Erect the all major components in wind turbines by **Structure assembly**.
- Team player of Organization having the **Single Blade erection technology**.

AQUASUB ENGINEERING – COIMBATORE (APRIL 2011 TO APRIL 2012)

APPRENTICE TRAINEE:

- Testing of all submersible and surface Monobloc pumps according to **ISI standards**.
- **Preventive Maintenance and Breakdown maintenance of CNC machines**.
- Improve the system quality by **reducing the machine Downtime**,
- **Maintaining all records of CNC Machines (Spares, Predictive Failures)**.
- Development testing of **New Motors and Pumps** designed by organization.
- Knowledge in **5S, MTBF**.

SKILLS

- MS Office tools (MS-Word, MS-Excel, PowerPoint etc.)
- Excellent verbal and written communication.
- Good computer and interpersonal skills.
- Capable of problem solving, decision making and failure analysis
- A self-motivated leader & a team player.

EDUCATIONAL CREDENTIALS

Technical Profile:

- Course : Bachelor of Electrical and Electronics Engineering
- University : Anna University, Chennai.
- Institute : M.A.M. College of Engineering, Trichy.
- Grade : First Class (7.4 CGPA)
- Year of Study : 2012 – 2015
- Course : Diploma in Electrical and Electronics Engineering
- Board : Directorate of Technical Education, Tamilnadu.
- Institute : Valivalam Desikar Polytechnic College, Nagapattinam.
- Grade : First Class with Distinction (84%).
- Year of Study : 2008 – 2011

Academic Profile

- Certificate : Secondary School Leaving Certificate.
- School : Findlay Higher Secondary School, Mannargudi.
- Percentage : 85.4 %
- Year of Completion : 2008

CERTIFICATION

- Successfully completed and Passed Examination of Internal Auditor for **IATF 16949:2016 (ISO 9001:2015)** recognized by certification body **TUV India.**
- Successfully completed and Passed Examination of Internal Auditor for **Quality Management System ISO/IEC 17025:2017** recognized by certification body **TUV India.**

Personal Profile:

Name : R. Manikandan
Father's Name : C. Rajagopalan
Gender : Male
Date of Birth : 30.07.1993
Nationality : Indian
Marital Status : Single
Languages Known : Tamil, English

DATED:

PLACE: COIMBATORE

(MANIKANDAN R)