

Ashok Haridas Munde

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SUMMARY

- B.E. in **Electrical Engineering** with **overall 2 year 3 months** of experience in **Condition Monitoring and Diagnostic Testing**.
- Presently associated with **Power Linker, Mumbai** in **Condition Monitoring and Diagnostic Dept.**
- Experience in Condition Monitoring Testing of Electrical assets like Generators, Motors, Transformers, Cables , Lightning Arrestors, Switchyard Equipment's and Circuit Breakers for Predictive based maintenance in chemical, Thermal power plants across India.
- Special Tests on electrical assets like Tan delta, RSO, Partial Discharge, SFRA.
- Excellent communication & interpersonal skills with strong analytical, team building, problem solving and organizational capabilities.

CORE COMPETENCIES

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|---------------------------|--------------------|--------------------|
| ~ Testing onsite assets | ~ Team Leadership | ~ Project Planning |
| ~ Reliability engineering | ~ Logical Thinking | ~ Customer focused |

KNOWLEDGE ABOUT

- **Transformer Routine Testing** - Insulation Resistance Measurement, Tan delta and Capacitance Measurement, Magnetizing current Test, percentage Impedance Test, Turns Ratio Test, Magnetic Balance Test, SFRA, Winding Resistance, Transformer Bushing Test.
- **Generator Testing/Motor Testing** - Insulation Resistance with Dielectric Discharge, Step Voltage, Tan delta and Capacitance Measurement, RSO Measurement, Winding Circuit Analysis.
- **Circuit Breaker Testing** - Insulation Resistance Measurement, Contact resistance measurement, Time Interval Measurement, Vacuum Bottle Integrity test.
- **HT Cable** : Insulation Resistance Measurement, VLF Tan delta and Capacitance Measurement, Partial Discharge Test, Cable fault identification by Time Domain Reflectometry, Armour Testing.
- **Current Transformer Testing**: Ratio Test, Excitation Characteristics, Polarity test, Partial Discharge Ratio test.
- **Potential Transformer/CVT** : Insulation Resistance Measurement, Capacitance and Tan Delta Measurements.
- **Lightning Arrestor/MV Surge Arrestor Testing** : High Voltage Withstand Test, Capacitance Measurement, 3rd harmonic Leakage Current Measurement.
- **Generator Stator and Rotor Protection**.
- **Software and Instruments**: Doble M4000, SFRA, M4110, All Test Pro, HVDSA, Prestige Make TIM.

WORK EXPERIENCE

- Shift Engineer in Electromech Enterprises for 1 year. (March 2018- Feb. 2019).
Handled supervisory monitoring work in Edelweiss Real Estate, Edelweiss Tokio as a Team Leader.

Supervision on Electrical System, HVAC System, FAS System, Access Control System etc.
Planning/Execution of preventive/breakdown maintenance of electrical equipment under whole infrastructure. Handling Automation of whole system.

- Field Engineer in Revmax Telecom Infrastructure Pvt Ltd, Mumbai for 1 year.(Jan. 2017 to Dec. 2017).
Project: Installation, Commissioning, Troubleshooting, Servicing & Maintenance of LT Switch Yard, Contactor, Circuit Breaker, Battery Bank, D.G., Power SMPS, SMCS, SPS (16 to 30 KW System)

IT SKILLS

- MATLAB
- MS office(Excel, Power point and word)

EDUCATION

- 2016-BE in **Electrical Engineering** from University of Pune; Secured **66.93% Distinction**
- 2013-Diploma in Electrical Engineering from MSBTE; Secured **79.00%**
- 2010-**10th** from Vasantrya Naik Vidyalyaya ; secured **71.27%**.

PROJECT DETAILS

- **Title** : - **Solar Powered Automatic Irrigation system by using moisture sensor**
Glance : - Reduce Physical effort of farmer.
Keyword: - Project is run on Renewable source solar power, when water is reached at the end of certain length where sensor is placed, sensor send signal to motor which will automatically turned OFF the running motor available at long distance.
Role : - Hardware Modelling
- **Title** : - **Speed Control of Induction Motor by using TRIAC.**
Glance : - Achieve smooth speed control & reduction in losses while running condition of Motor
Keyword: - TRIAC characteristics based speed control.
Role : - Hardware Modelling

EXTRACURRICULAR ACTIVITIES

- Part of gold medalist cricket team in Diploma College.
- Participated as a volunteer in university level workshop on PLC AND SCADA PROGRAMMING.

Date of Birth :13thJune 1994

Language known : English ,Hindi, Marathi

Permanant Address : At post warwati Tahsil-Ambajogai, Dist-Beed. Pin:431517