

CURRICULUM VITAE

AKSHAY MILIND PHATAK.

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CAREER OBJECTIVE:

To utilize the knowledge I have and continuously enrich myself as one of the leading professionals. I would like to prove my performance & fulfill the objectives of the organization.

PROFILE SNAPSHOT

- A focused professional with **more than 5.5 years** of experience in Electrical engineering field.
- Currently working as an **Engineer Electrical** in **TUV INDIA PVT LTD (A TUV NORD GROUP)** since Feb-2018.
- Worked as a **PROJECT ENGINEER** in **ABS RENEW POWER PVT LTD, Navi Mumbai.& AGROVISION GREEN ENERGY PRIVATE LTD, Pune.**
- **1.5 years** of professional experience with **Ramboll Telecom and Power Engineering** as **Junior Engineer electrical.**

WORK EXPERIENCE

Company: TUV INDIA PVT LTD (A TUV NORD GROUP)

Period: Feb 2018 to present.

Location: Pune, India.

Designation: Engineer Electrical (Inspection & Testing)

Roles and Responsibilities:

- Conduct inspection & Testing at manufacturers place and ensure all installation must comply with the design specifications, as per drawings and as per applicable standard.
- Inspection of various types of cable trays and conduit system.
- Preparation of Daily Visit Reports & issuance of Inspection Release Notes.
- Conduct DCS and Marshalling panels energization inspections.
- Raising NCR violated against specification. Suggested for correct action follow up closely and closing the NCR. Coordinating with Client, Vendor & Team members for inspection related activities.
- Knowledge of IEC codes and standards.
- Conducting FAT for MCC, PCC, DCS panel, PLC panel, MMS, VMS, LMS system.
- Inspection of PLC Panels, Motors, Transformers, and Capacitors banks, HT & LT Cables, Terminal Boxes, DCS panel, etc.
- Inspection done for renowned clients such as Indus Towers, Mahindra Powerol, Thyssenkrupp, RIL J3, Toyo Engineering, LTHE, Tecnimont, Petrofac International LLC, Thermax Ltd, Linde India, Technip FMC GE India Pvt ltd, HPCL, Adani Transmission and many more.

PROJECT WISE INSPECTIONS CARRIED OUT

1. **PROJECT NAME - HURL**

CLEINT- TOYO ENGINEERING INDIA PVT LTD

EQUIPMENT INSPECTED- MOTORS, TRANSFORMERS, MCC PANELS, LMS SYSTEM, MMS/VMS SYSTEM, SIGNAL CABLES, LT/HT PANELS, UPS, BATTERIES, GIS BREAKERS.

2. **PROJECT NAME – HPCL VIZAG**

CLEINT- L&T HYDROCARBON ENGINEERING

EQUIPMENT INSPECTED- MOTORS, 3 Ph TRANSFORMERS, MCC PANELS, LMS SYSTEM, MMS/VMS SYSTEM, SIGNAL CABLES, LT/HT PANELS, UPS, TEMPERATURE/PRESSURE/FLOW TRANSMITTERS, POWER CABLES, RTD/ THERMOWELL.

3. **END USER/CLIENT- ENERGY EFFICIENCY INDIA LTD (EESL)**

EQUIPMENT INSPECTED- 24W/35W/12W LED STREET LIGHTS.

Company: ABS RENEW POWER PVT LTD.

Period: August 2017 to Jan 2018.

Location: Navi Mumbai, India.

Designation: Project Engineer-Solar.

Roles and Responsibilities:

- Responsible for operational level understanding of the requirement of the client/customer, Site Visits, Site feasibility & Solar Systems Design and complete execution.
- Designing of arrangements of the solar panels for Rooftop & Ground Mounted & other various supported Electrical equipment's & selection of cables for plant including layouts & schematic diagrams and calculation of technical Sizing, BOQ/BOM.
- To complete solar installation pre-Site Survey and provide the input to the design team for the design of solar power plant.
- Quality & Time Control and supervision of the project.
- Maintenance of entire electrical installation and equipment for solar rooftop and ground mounted projects.
- End to end execution of solar projects (Rooftop & Ground Mounted) and AMC / Service Support.
- To provide with up-to-date weekly / fortnightly status report.
- Designing the simulations & creating 3D drawings in Google Sketchup for precise shadow analysis of the plant.
- Able to check site feasibility and provide the best suitable option for enhancing suitability.
- Maintaining files and documents as back-up for estimate figures, including current (accurate) information on prices from suppliers and vendors through direct contact, sales brochures, price lists.

Company: AGROVISION GREEN ENERGY PRIVATE LTD.

Period: Jan 2016 to August 2017.

Location: Pune, India.

Designation: Project Engineer

Roles and Responsibilities:

- Conduct engineering site audits for solar roof top & ground mounted (on grid and off grid) systems to collect structural, electrical, and related site information for use in the design of residential or commercial.
- Design or coordinate design of photovoltaic (PV) or solar thermal systems, including system components for residential and commercial buildings.
- Create electrical single-line diagrams, panel schedules, or connection diagrams for solar electric systems using computer-aided design (CAD) software.
- Create graphical representations of energy production systems.
- Provide technical support to marketing persons.
- Worked on projects for the installation of solar water pumps in retail as well as government sector.

Company: Ramboll Telecom and Power Engineering.

Period: July 2013 to December 2014.

Location: Vidarbha region, India.

Designation: Junior Engineer, Electrical.

Roles and Responsibilities:

- Inspection of Battery Bank in association with the solar panels.
- Auditing, Testing and Maintenance of the Earthing of Electrical Equipments at the telecom tower sites, Shelter and Diesel generator foundations according to the drawings by visiting the Telecom Tower sites.
- Checking and generating the alarms for Diesel Generator Major Faults, Mains fail, Fire Smoke, Rectifier Fail, DCF use fail.
- Checking the installations and rating of solar panel.
- Providing Punch point to the vendors at the telecom tower sites and reporting the same to the Circle Lead.
- Conducted audit for Solar panel testing and their electrical parameters (short time project).

TECHNICAL COMPETENCIES

Equipment's used	Digital Multimeter, Megger, Vernier Caliper, IR meter, HV test setup.
Programming Tools	BASIC PROGRAMMING OF PLC (SIEMENS AND ALLEN BRADLEY).
Software tools	MS-EXCEL, MS-WORD, AUTOCAD, PVSyst, Helioscope, Google Sketchup.
Management experience	I have worked as a Project engineer to manage all the plant sites as well as vendor operations.
Appreciations	I have received <u>Young Achiever Award</u> in Site Testing domain during my Ramboll experience.

POST GRADUATE PROGRAM

Program Name: Post Graduate Program in Industrial Automation and Controls

Duration : Feb 2015 to Aug 2015

Description:

- Introduction to PDMS, SCADA, AUTOCAD, DCS, PLC (SIEMENS AND ALLEN BRADLEY).
- Detail study of AutoCAD & Scada.
- Introduction to other interfacing departments.
- Allied processes in electrical and instrumentation engineering.
- Industry oriented program in electrical and instrumentation engineering.

EDUCATION

Post Graduate Program in Industrial Automation and Controls	MAHARASHTRA INSTITUTE OF TECHNOLOGY (MIT), PUNE. (FEB-2015 TO AUG-2015).	79.27%
B.E (Electrical)	RTMNU (2010-2013), NAGPUR.	65.61%
DIPLOMA (Electrical)	GOVERNMENT POLYTECHNIC, NAGPUR (2007-2010).	84.43%
SSC	R S MUNDLE ENGLISH SCHOOL, NAGPUR (2007).	83.38%

Full Name	Akshay Milind Phatak.
Fathers Name	Milind Phatak.
Date of Birth	4 November 1990.
Nationality	Indian.
Languages known	Marathi, Hindi, English and German (A1 level).
Personal Interest	Playing Cricket & Football, Sketching, Drawing and Networking.
Current address	A-104, KRUSHNA KUNJ APARTMENT, KESNAND ROAD, WAGHOLI, PUNE-412207

Strength- I am a person with clear thoughts and a deep insight in my domain that makes me Workaholic, Optimistic, Quick Learner & Self-motivated.