




# Vipul Patil

Electrical Maintenance, Project Engineering & Designing

## CONTACT INFO

 Wakad, Pune - 411 057

 91 - 9665037299  
965 -

 [vipulpatilind@gmail.com](mailto:vipulpatilind@gmail.com)

 <https://www.linkedin.com/in/vipul-patil-2aa20b37>

## COURSES & CERTIFICATION

- Electrical Designing & Detail Engineering
- ETAP

## TECHNICAL SKILL

**PLC Automation and Control:**  
Application, Basic.

**Operating System:**  
SAP, Microsoft Office, Outlook & ETAP

## EQUIPMENTS HANDLED

- Transformers up to 40 MVA 34.6 KV level – ABB / Wescosa make.
- MV/LV switchgears Powell and Eaton make.
- MCC, Distribution panels, Lighting transformers and Distribution Transformers, MV/LV motors.

## EXECUTIVE SUMMARY

15+ year total experience of Operation & Maintenance, Commissioning & Start-up, and Project Management, Electrical engineering & Designing. Worked as team member in PMT. Experience in erection & commissioning of HV System, MV system & LT system, HV, MV, & LV Transformer, MV, & LV Switch gears, Relay, UPS & Battery Charger system, HVAC system & Other Utility Machineries. Experience in process line as well as in manufacturing line as Maintenance Engineer.

## ACADEMIC BACKGROUND

### B. TECH. IN ELECTRICAL & ELECTRONICS ENGINEERING 2019-2022

3 Years course from APJ ABDUL KALAM UNIVERSITY, INDORE

### DIPLOMA IN ELECTRICAL ENGINEERING 2001--2003

3 Year full time course from TECHNICAL BORAD OF EDUCATION, MUMBAI

### 10+2 (Higher Secondary School-SCIENCE) 1996 – 1998

Under MAHARASHTRA STATE, HIGHER SECONDARY BOARD, PUNE

## WORK EXPERIENCE

### ELECTRICAL SUPERVISOR

November' 2022- Present

**KUWAIT OIL COMPANY UNDER AL-MULLA GROUP, EAST KUWAIT**

### EXECUTIVE ELECTRICAL ENGINEER (Maintenance)

JANUARY' 2021 – AUGUST' 2022

**EMCURE PHARMACUITICLE LTD, PUNE, INDIA**

### ELECTRICAL TECH. (Major Project, C&SU & Maintenance)

May' 2014 – October' 2019

**SADARA COMPANY UNDER SNC-LAVALIN, AL-JUBAIL – SAUDI ARABIA**

### LEAD ELECTRICAL TECH. (Major Project, C&SU & Maintenance)

November' 2012 – October' 2013

**SIPCHEM (SAUDI INTERNATIONAL PETROCHEMICAL COMPANY), AL-JUBAIL – SAUDI ARABIA**

### Ex. ELECTRICAL ENGINEER (Major Project, & Maintenance)

January' 2010 – November' 2012

**LUPIN LTD, PUNE, INDIA**

### ELECTRICAL ENGINEER (Maintenance)

July' 2008 – July; 2009

**BHARAT FORGE LTD, PUNE, INDIA**

### ENGINEER (Maintenance)

January' 2006 – June, 2008

**CIPLA LTD, NANI DAMAN, INDIA**

### ELECTRICAL TECH. (Maintenance)

June' 2004 – December' 2005

**SOVEREIGN PHARMA PVT. LTD, NANI DAMAN, INDIA**

- UPS and Battery charger AEG make up to 160 KVA
- PROCESS Heaters and Heat Tracing System.
- Grounding grids, Lightning and plant lighting system.
- HVAC & clean room system, DM water plant, Boiler, Chiller, & Cooling Tower, other Utility electromechanical m/c.

## AWARDS & RECOGNITION

- **At SADARA CHEMICAL COMPANY (2014,2017, & 2018):**  
Appreciation for successful completion of C&SU & Turnaround shutdown activity.
- **At LUPIN Ltd. (2012):**  
Special Recognition award for Energy saving.

## LANGUAGE PROFICIENCY

**English:** Speak, Read, & write

**Hindi:** Speak, Read, & write

**Marathi:** Speak, Read, & write

**Gujarati:** Speak, Read, & write

## PERSONAL DETAILS

Birth Date: **June 1, 1979.**

Passport No.: **R 2365408**

Passport Expiry: **April 5, 2027.**

Marital Status: **Married**

## JOB RESPOCIBILTY

### ELECTRICAL PROJECTS & ENGINEERING

- **Obtain Delegation of authority for Electrical Competent- – level - 2B (up to 5 kV Voltage level), to handled electrical equipment's by SADARA Chemical Company**
- Supervise and coordinate pre commissioning and commissioning activities for Power Transformers, CB's, PT's, CT's, MV Switches and Station Service Equipment and AC/DC System such as UPS, Chargers, Batteries and Transfer Switches.
- Coordinate with QA/QC engineers & perform RFI and validate each inspection.
- Oversee setting-up and testing of protection relays for feeders, power transformers and generators, and measurement centers. Handles testing of MV switchboards.
- Perform scheme test or functional test, testing of inter-trip panel and tripping matrix and monitor testing of mechanical and electrical interlocking schemes.
- Ensures operation and performance, comply with the design criteria. Define and review method and action to ensure proper operations of equipment, system and plant.
- Perform Systems Mechanical completion walk through / audit, generate/evaluate the punch points, and follow the tracking system.
- Supervise and coordinate pre commissioning and commissioning activities for field electrical equipment's like Motors, Lighting, grounding system, explosive proof equipment's, process heater and Heat-tracing systems.
- Defining and requesting work and/or test permit, release from service operations and to follow-up of clearance. Works and responsible in handing over of commissioned system to the operation team.
- Manage the documentation for electrical commissioning such as taking over certificates, as built drawings, manufacturer manuals and instructions, test procedures, risk assessment and health and safety Method statement, end of commissioning reports.
- Ensure all quality control records like test reports, equipment calibration certificates, design modification request.
- Carry out the all substation equipment's Maintenance activities as per schedule and prepare the completion documents

Witness the SAT test for Electrical equipment. –

- Supervisory & monitoring of installation & commissioning activities of Electrical Sub-station & Control system, UPS/ Inverter & Battery charger system, Transformers, MV & LV Switchgear & MV /LV motors control gears.
- MV Switchgear - Contact resistance test, Insulation resistance test, Timing open/close test, CT test, VT test, Protective relay & Metering devices test, & Function test.
- Bus-Bar & Power Cable- Hi-pot test, IR test, Low Resistance test & Torque test.
- Power Transformer (MV & LV) - IR test & PI test, Ratio test, Winding resistance test, Di-electric test for oil, Vector group & polarity test, Functional test of transformer.

### ELECTRICAL OPERATION & MAINTENANCE

- Overall responsibility for all electrical maintenance activities including annual maintenance contracts, breakdown maintenance, designing & implementing appropriate preventive maintenance systems, including planning of spare parts requirements.

## MORE ABOUT ME

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Visit my online CV by scanning the QR code to learn more about me.

- Good understanding of electrical Drawings, planning of projects, erection & maintenance.
- Ensuring routine inspection, maintenance and calibration of testing, & measuring of equipment.
- Planning & optimization of maintenance schedules & processes through kit like condition monitoring & implementing, to ensure minimum down times.
- Spares management such as cost reduction in spares consumption, maintaining critical spares & localization of spares.
- Performs preventative, breakdown and corrective maintenance through root cause analysis on plant equipment.
- Allocate workload & supervise upkeep staff.
- Implemented the monthly data calculation for MTTR, and power consumption for the plant.
- Technical documentations and daily reporting to engineers.
- Co-ordination with the working & handle a team of 12 technicians.
- Daily maintain the power consumption report.
- Executing cost saving & energy saving techniques/measures & modifications to achieve substantial reduction.
- Maintaining the logbook report and updates on SAP and maintaining respective records for the purpose of Audit.

## LEADERSHIP

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Able to work independently as well as in group and could be able to remove all the conflicts at once.

## REFERENCES

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Available upon request.

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VIPUL ONKAR PATIL