



KETAN R PATEL
(DEPUTY MANAGR)

Area of Expertise

- Electrical Operation, commissioning & Maintenance.
- Project management and reporting.
- Team management.
- Spare part Management
- Root cause analysis.
- Quality management.

Contact Details

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Personal Data

DOB: 30/11/1988
Passport no. : U2715912
Languages Proficiency:
English, Hindi, Gujarati
Marital Status: Married
Nationality : Indian

Computer Skills

Microsoft OS, Office,
SAP, Oracle
PCM 600, WinCC, Micom
studio, SCADA

CURRICULUM VITAE

Result-oriented Professional targeting challenging assignments in the functional area of Project, Commissioning & Maintenance of Electrical, while being in an organization that provides a complete synergy of my technical skills and innovative ability with the objectives of the organization

Profile summary

- An accomplished professional with over 14 years of experience in Project Planning, Designing, Erection, Commissioning and operation and maintenance of the Electrical switchgear, Instrumentation, and mechanical equipment in various industries like, chemical, Petrochemical, Automobile, pharmaceutical.
- Domain expertise in installing, testing, commissioning, troubleshooting, equipment handling, health & safety management with adherence to security compliance & company protocols.
- Increasing the Reliability of Plant using proper maintenance, spare part and team management.
- Good communication skills, including the ability to communicate ideas, concepts or complex issues in a clear and concise manner at all levels including senior leaders.

Work Experience & Achievement

Current Organization:

Employer: Continental Carbon Eco Technology Pvt Limited.

Duration: Dec-2021 to Present

Current Role: Deputy Manager.

Responsibilities: Overseeing the electrical operations and maintenance of the Production Plant, captive power plant, water treatment plant, DM unit, and cooling tower, BMS, among other things.

Achievement:

- ✓ Successfully erection and commissioning of the 66KV AIS and its switchgear like LA, PT, Isolator and SF6 Breaker.
- ✓ Successfully Erection and commissioning of the ABB make HV and LV switchgear and put it in operation.
- ✓ Successfully commission the DCS and various instrument for the 150 KTA carbon black production plant
- ✓ Successfully design and commission the energy monitoring system through the SCADA
- ✓ Successfully erection and commission of the 18MW Triveni make Steam turbine and TDPS make Generator and its Auxiliary.
- ✓ Successfully commission the Utility Equipment, UPS, EDG Set, Air Compressor & Power Changeover Chillers, and HVAC system, Fire system and CCTV system.
- ✓ Completed the Power import and export facilities with Government liaison work with DGVCL, GETCO, SLDC, CEI.

Past Organization

Employer: Suzuki Motor Gujarat Pvt Limited.

Duration: May-2018 to Dec-2021

Current Role: Junior Manager.

Achievement:

- ✓ Established a basis for O&M of 220kv switch yard / 11kv substation, as well as any connected electrical equipment such as HT & LT Panel, VFD, breaker / transformers / VCB / SF6 circuit breakers.
- ✓ Participate in all types of maintenance operations (Kaizen, Breakdown maintenance, and troubleshooting in central maintenance) and engage in ISO 9001 and ISO 14001 activities and achieved Zero non conformity from auditor.

Employer: Aculife Healthcare Pvt Limited (Nirma Group).

Duration: June-2013 to May-2018

Current Role: Electrical Engineer.

Achievement:

- ✓ Initiate and complete commissioning of 8.1MW TG set with its auxiliary and put them into service
- ✓ Effective commissioning of a 40TPH Thermax boiler and its associated WTP and DM plant.

Employer: Paschim Gujarat Vij Company Limited.

Duration: Jan-2013 to June-2013

Current Role: Junior Engineer.

Achievement:

- ✓ Completed the 2 KM overhead 11KV JGY distribution line for the permanent power solution for the backward villages.

Employer: Meghmani Finechem Limited.

Duration: Aug-2010 to Jan-2013

Current Role: Electrical Engineer.

Achievement:

- ✓ Maintain a reasonable erected and commissioned a 2*20 MW TG set and its supporting equipment
- ✓ Installation and commissioning of two (2) 90TPH CVL boilers with their accompanying equipment

Key responsibilities

- ✓ Overseeing the electrical operations and maintenance of the Production Plant ,captive power plant, water treatment plant, DM unit, and cooling tower, among other things.
- ✓ Proficiency of Utility Equipment, UPS, DG Set, Air Compressor & Power Changeover Chillers, and HVAC system, Fire system and CCTV system.
- ✓ Ensuring Erection and commissioning and predictive and preventive maintenance / troubleshooting for diverse equipment such as power transformers, generators & AVR systems, HV/LV switch gear, DG Set, battery & DC system, HV/LV motors, switch yard & relay panels, and to maximise machine up time & equipment dependability
- ✓ Review of P&I Diagrams, Instruments List, Sizing & Data sheets, Hook-Ups diagrams, Loop wirings and Cable Schedules.
- ✓ Review of I/O list for PLC systems (Mitsubishi, Siemens) and Modification in the Logic and diagrams.
- ✓ Monitor the ABB Scada (800Xa) graphics, communication and its operation and modification if required.
- ✓ Installation and commissioning of the FT, TT and other measuring instruments and its calibration.
- ✓ Selection, Offer evaluation and Procurement of instruments.
- ✓ Supervise the calibration, installation and loop checking of all field instruments Like Temp. transmitter, flow element, and various type of control valve.
- ✓ Accountable for the operation and maintenance of a 66kv switch yard and an 11kv substation, as well as any electrical equipment such as HV and LV panels, VFDs, motors, relay settings, and coordination with the team for any measures and small concerns in the plant
- ✓ Primarily engaged in the maintenance of mechanical equipment such as pumps, gearboxes, FDS, FCBs, shuttle conveyors, blowers, boilers and its auxiliaries and MHEs.
- ✓ Comprehensive knowledge of pneumatics equipment such as cylinders, directional control valves, and numerous accessories used in process, utilities and power generation plant.

- ✓ Implicated in the repair of hydraulic equipment such as power packs, hydraulic cylinders, hydraulic valves, and circuit troubleshooting
- ✓ Participating in IATF, ISO 9001, ISO 14001 activities and keeping all essential documents for ISO and industry standards
- ✓ Attend the MTTR and MTBF meetings with shop maintenance on a regular basis and currently engaging in the Kaizen and 5s activities
- ✓ Creating a skill matrix for team members and train them in accordance with ISO guidelines
- ✓ Possession a history record of electrical equipment failures and root cause analysis for ongoing failure MTTR and MTBF.

Exam Passed	School / College	Board / University	Year Of Passing	Percentage
B. E. Electrical Engineering	Lukhdhirji Engineering College, Morbi	Saurashtra University Rajkot	2010	63.14% - (First Class)
H.S.C (12 th)	Vivekanand Vidyalaya (Amaraiwadi), Ahmedabad	Gujarat Higher secondary Education Board	2006	62.80 % (First Class)
S.S.C (10 th)	Shri Hari Shishu Vidhya Vihar. Ahmedabad	Gujarat secondary Education Board	2004	76.43% (First Class with Distinction)

- ✓ Creating and working with safe and proactive safety system ensuring the following the plant safety guidelines.
- ✓ To continuously endeavor to improve aspects of environment, safety, cost reduction and reliability
- ✓ Review and recommend equipment spare parts and carry out inspection of material received.
- ✓ Review and recommend electrical reliability and/or maintenance procedures specially the ones that assigned to designated area.

Aceramic Detail

I will perform to the best of my abilities if given an opportunity. I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

Date: -

Patel Ketan R .

Place: -