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PROFESSIONAL PROFILE

- B.E. (Electrical) with more than **14 years'** experience in Maintenance Operations & Project executions in petrochemical industry.
 - Presently associated with **Apcotex Industries Ltd**, Valia as an **Assistant Manager Electrical**.
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ORGANIZATIONAL EXPERIENCE

Name of the organization	Brief about organization	Designation	Duration
Apcotex Industries Ltd	Leading manufacturer of synthetic rubber & latex	Assistant Manager	March-2016 to till date
Omnova Solutions India Pvt Ltd	Manufacturer of high-grade emulsion polymers	Sr. Engineer	Jan-2012 to March-2016
Eliokem India Pvt Ltd	Manufacturer of butadiene rubber & powders	Engineer	Nov-2009 to Dec-2011

TECHNICAL EXPERTISE

- Specification & datasheet preparation with TBA for Transformer, Motor, DG set, PCC, MCC, HT & LT cable, VFD, DB, Bus duct, UPS, Gland & Cable tray etc as per IS.
 - Conduct feasibility assessments, refurbishment planning, and revamping of electrical systems to optimize performance.
 - Design, validate, and document HV/LV electrical distribution systems, including SLDs, equipment sizing, switchgear selection, layouts, and material take-offs.
 - Conduct energy audits and assessments to identify and implement energy-saving measures.
 - Preparation of monthly report for all ongoing project, budget tracking, PR-PO tracking for timely completion.
 - Manage budgeting, forecasting, and cost control activities to ensure optimal resource utilization and financial efficiency.
 - Develop & implement various management systems like ISO 9001, ISO 14001 & OHSAS 18000, ISO 45001 & ISO 50001.
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KEY RESPONSIBILITIES

- Component Selection & Procurement: Manage the selection and procurement of electrical components, ensuring quality, compliance with specifications, and alignment with project budgets.
- Troubleshooting & Maintenance: Conduct root cause analysis for electrical failures and implement corrective actions. Ensure preventive maintenance schedules are adhered to for all electrical panels.
- Project Coordination: Collaborate with project teams to ensure timely execution of electrical

installations and upgrades.

- Develop continual quality improvement initiatives like 5S, TPM, LSS in conjunction with Manufacturing Head.

MAINTENANCE MANAGEMENT:

- Responsible for preventive, predictive & breakdown electrical maintenance of plants, substation, 66KV switchyard, PCC, MCC, Capacitor banks, IMCC, VFD, Soft starters, UPS & Diesel generator set.
 - Fulfills all electrical related government statutory compliances and Liasoning work.
 - Ensuring compliance of ISO, IMS and QMS related activity, RCA, power saving, energy audit, why-why analysis.
 - Ensuring SAP related all activity like preventive maintenance, purchase requisition, breakdown maintenance order, refurbishment order, PM notification & bill entry.
 - Monitoring and execution of electrical structural activity, installation testing & commissioning of static and rotary Equipment.
 - Ensuring timely compliance of statutory & safety relevant electrical installations.
 - Conservation of electrical energy by replacement of energy efficient motor, installation of VFD & LED lighting retrofitting/replacement.
 - Maintenance of AC drive & soft starter up to 315 KW.
 - Material procurement and spares management.
 - Conducting safety audits within the department and ensuring the compliance from all the employees and updating the checklists and audit reports.
 - Take corrective actions to maintain efficiency of equipment to monitor power consumption, analyze reports & circulate in order to reduce wastage & conserve the energy.
 - Check adherence to safety and housekeeping norms by workmen, instruct & train employees on safety practices, to ensure compliance to safety of employees & good housekeeping.
 - Making monthly self-duty generation & consumption reports & power interruption reports.
 - Design and follow of earthing system for substation, plant, PLC/DCS and lightning protection as per IS.
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PROJECT EXECUTIONS:

- Commissioning of 3.95 MW coal-based power plant & hook up with existing power distribution system.
- 66KV substation equipment inspection & commissioning with external party as per IS and GETCO requirement.
- Installation of power transformer 10 MVA (T&R Make), 4 MVA (KRYFS Make) & 2.5 MVA (Vidyut Make)
- Load calculation of PCC & MCC for green field project of XNB Plant, ZLD Plant & DM Plant.
- Installation of IoT based Energy Management System.
- Brown field project for revamping of finished product line.
- Modify power distribution system to get cost effective power per unit.
- Installation of VFD panel & double breaker panel for Ammonia compressor feeder.
- Upgradation of electrical PCC & MRSS panel.
- IE4 motors for ammonia compressor system.

POWER PLANT

- 3.95 MW Triveni Turbine make coal based CPP
- 1.8 MW Waukesha make Gas Engine
- DG sets for Emergency power backup

VENDOR MANAGEMENT

- Identify, evaluate, and onboard qualified vendors and contractors for electrical installations and other project needs.
- Manage vendor contracts, ensuring quality, cost efficiency, and adherence to project timelines.
- Co-ordination with vendors for technical discussion, quote, drawing receipt and approval & final inspection.
- Developing and managing contracts with vendors, ensuring timely availability of equipment, spare parts, services & consumables to facilitate smooth executions.
- Find out new services vendors as per plant related activity and ARC/AMC finalization.

CORE COMPETENCIES

- Reporting and Documentation
- Testing, Liaison & Coordination
- Continuous Process Improvement
- Leadership & Team Management

PROFESSIONAL CERTIFICATES

- Internal Auditor certificate by SGS
 - NFE Member Certificate
 - IMS Internal Audit certificate
 - ERT certificate by LCS India
 - Lean Six Sigma certificate
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ACCOLADE

- Received a **Gold Medal from QCFI Ankleshwar Chapter** for case study presentation competition in Sept-2024.
- Received an **Excellent Award at Gwalior** from NCQC (National Convention on Quality Concepts) for Kaizen Presentation in Dec-2024.

ACADEMIA

- B.E. ELECTRICAL: VNSGU, Surat with 65.67%- 2009
- MBA (Operation Management): SMU with 64.57% - 2014

PERSONAL VITAE

- Date of Birth : 21st April 1985
- Languages : English, Hindi, Gujarati
- Marital Status : Married