

Curriculum Vitae

VISHAL RAMESHCHANDRA PARIKH

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Date of Birth: November 17, 1978

B.E. ELECTRICAL

- Design Engineering (through FEED, Basic & Detailed Engineering), Production/Assembly & Project Management of Electrical Systems, Gas based Power Plant with Cogeneration, Tri-Generation.
- Design of Instrument Transformers with the customise rating.
- Integration Engineering for Gensets & its' BOP with Continuous Operated Production Plant / Power Utilities, Process Equipment's for smooth reliable operations as per plant requirement and legal compliances.
- EPC & Project management for green field and brown field industrial projects / plants.
- Business Development hand holding for introducing concept to commissioning & life cycle solutions of Applications / Plants / Projects.
- ROI, IRR, Costing, Estimations of Projects / Plants.
- Workshop operations for handling of Containerization of Industrial Equipment / Power Plants i.e. Gen-sets, Transformers, Substations, Switchgears, Boilers and Chillers.
- Power Analysis, Sizing of plants, Feasibility study, Load flow, Relay Co-ordination for Electrical Systems including Captive Power Plants.
- O & M of Continuous Process Industries with CPP – 220KV, 22 KV, 3.3 KV S/S, Captive Power Plant up to 6750 KVA Gas Turbine, Steam Turbine Generators with PMS having features like Grid Islanding & Load Shedding Scheme, up to 4500 KW HT Motors with GRR & LRS, 300 KW LT Motors, AC Drives, DC drives & VARIOUS BREAKERS(SF6, VCB, ACB, MOCB, MCCB), PDBs, PCCs, PMCCs, MCCs, APFC Panels & PROTECTION RELAYS, HRSG Plant, DM Plant, Inst. Air Comp. Plants, Boilers, Cooling Towers, Tank Farm Area, ETP.
- O & M of Gen-sets, Transformers, Switchgears, Pumps, Fans, Motors & Process Equipment.
- Legal Compliance for plant installations like EB approval, Pollution control board and other govt. liaisons.
- Energy Conservation with various techniques implementation – without / with investments.
- Direct industrial marketing on basis of real ground tech. problems & thorough solutions for power management & conditioning.
- Working knowledge of SAP for ERP/3, AXAPTA.
- Working knowledge on KSH (Kaizen, SGA [Small Group Activity] & HK [House Keeping, 5S]) Activity.
- Working knowledge of IMS - ISO, OHSAS & EMS, other industrial standards.
- Working knowledge on BSC – British Safety Council.
- Initiative, Confidence, Commitment, and Task focused time bound, Result oriented under pressure.

Achievements:

1. CPP & Process plant bottleneck removed for reliable operations with various solutions.
2. 35MW+ New Gen-sets (Gas & Diesel) Containerized Packaging done.
3. 50MW+ Old Gensets (Gas) Refurbishment for Ready to Use (RTU) done.
4. 85MW+ Gen-sets Projects with BOP selection including Integration Engineering done i.e. power analysis, feasibility study, sizing of Gen-sets, selection of switchgears, relay protections, power management through PLC, power monitoring, hook up / power injection points, synchronization, island & parallel operations for multiple Gen-sets / with Grid Utilities & IPP etc.
5. 100Nos+ Power Analysis Reports prepared for Gensets Deployment assessments' towards Harmonics, Jerk loads, NG methane numbers & Design Parameters.
6. Implemented energy conservation program with **No Investment** features having annual saving potential of 2.25 crore & feedback report indicating 8.25 Lacs savings per month with partial implementation.
7. Having done relay co-ordination of entire plant at 6.6 KV power distribution boards & having done the testing & calibration of the same with third party job execution.
8. Having proposed energy monitoring system up gradation towards centralised computerized energy monitoring system with RS 485 communication.
9. Handled the design & related function of an esteemed export order of 69 KV electro-magnetic voltage transformers to **PHILLIPINES**.
10. Prepared project report of Solar & EPC business expansion.

Engineering Courses, Trainings & Seminars Attended:

1. I have completed training program on **"Electrical Energy Conservation and Management"** From 24TH November, 2005 TO 26TH November, 2005 organized by Regional Training Centre (North) J. K. Cement Works, Nimbahera, Rajasthan, India.
2. I have completed **"Advance Training Program on Energy Conservation"** From 10TH February, 2006 TO 11TH February, 2006 organized by Confederation Of Indian Industries, Ahmedabad, Gujarat, India.
3. I have attended **"Engineering Course on Fault Current Calculation and Relay Setting, Relay Co-Ordination"** From 13TH February, 2008 TO 16TH February, 2008 organized by Power-Linker Training Centre, Mumbai, India.
4. I have attended **"Seminar on Total Power Quality Management"** in September, 2009 organized by M/S. FICCI, New Delhi, India.
5. I have attended **"Engineering course on Generator Protection And Condition Monitoring Testing (Health Check)"** From 21ST June, 2010 TO 23rd June, 2010 organized by Power Linker, Mumbai, India.

Experience:

12 years and 07 months at

M/S. SAMSARA ENERGY LIMITED (Earlier Known as M/S. QUIPPPO ENERGY LIMITED), AHMEDABAD, GUJARAT, INDIA.

Job Title: Joined as "MANAGER – ELECTRICAL TECHNICAL"

Present Designation **"DEPUTY GENERAL MANAGER – TECHNICAL SERVICES"**

JOB PROFILE – PROJECT POWER PACKS – GAS ENGINE, BOILERS, CHILLERS

GAS TURBINE GENERATORS, TRANSFORMERS, SWITCHGEARS, LOAD BANKS.

- Actively responsible for Design (through FEED, Basic & Detailed Engineering) & Project Management of gas based power plant with cogeneration & tri-generation. Involved in Planning of process control for projects involving machinery to be used, estimation of time in each stage and the total cost estimation of the project.
- Oversee all phases of engineering/design - FEED including Feasibility Study, Conceptual Engineering, integration engineering, basic engineering and detailed engineering, and following with approvals, changes, troubleshoot and resolve complex technical problems, consistently meeting project deadlines and highest possible quality standards.
- Formulate plan for inspection of jobs, Breakdown analysis & action plans.
- Assume responsibility of analysing various processes/applications and recommend process modifications and equipment's to enhance operational reliability & efficiency.
- Play a pivotal role in identifying capacity limitations & de-bottlenecks of process problems, plant upsets and took cost effective corrective action.
- 30MW+ New Gensets (Gas & Diesel) Containerized Packaging done.
- 50MW+ Old Gensets (Gas) Refurbishment for Ready to Use (RTU) done.
- 80MW+ Gensets Projects including Integration Engineering done.
- 100Nos+ Power Analysis Reports prepared for Gensets Deployment assessments' towards Harmonics, Jerk loads, NG methane numbers & Design Parameters.

04 years and 04 months at

M/S. DEEPAK FERTILISERS & PETROCHEMICALS CORP. LTD.

TALOJA, RAIGAD, MUMBAI – MAHARASHTRA.

Job Title: Joined as "INCHARGE ELECTRICAL – ELECTRICAL MAINTENANCE" at December, 2006.

Promoted as "DEPUTY MANAGER – ELECTRICAL MAINTENANCE" at September, 2009.

JOB PROFILE – General O & M of

Continuous Process Plants - Nitric Acids, Fertilisers - ANP, Methanol, IPA, Ammonia.

Common Utilities of Plants like Boilers, Cooling Towers, Instrument Air Compressors, DM Water, Tank Farms, Effluent Treatment Plant, Gas Receiving Station & Pipe lines.

Combined Co-generation Power Plant - CCPP, with Steam Turbines, Gas Turbines & HRSGs. Energy Management, Grid Islanding, Load Shedding, Load Sharing.

Electrical Distribution Networks @ 22 KV, 3.3 KV & 415 Volts.

01 years and 05 months at

M/S. SANGHI INDUSTRIES LIMITED. - 2.6 MTPA CEMENT PLANT

SANGHIPURAM, MOTIBER, KUTCH – GUJARAT.

Job Title: ASSISTANT ENGINEER – "ELECTRICAL DEPARTMENT"

JOB PROFILE – O&M, Energy Conservation, Power Monitoring & Protection.

00 years and 06 months at

M/S. NIFA ELECTRONICS PRIVATE LIMITED.

AHMEDABAD, GUJARAT.

Job Title: Sales Engineer – “POWER MANAGEMENT DIVISION”

JOB PROFILE – Direct Industrial Marketing of Load Managers, APFC Relays, Power Capacitors, Energy & Power Quality Management Systems & Measurements, Energy Audits.

01 years and 02 months at

M/S. HIVOLTRANS ELECTRICALS PRIVATE LIMITED.

HALOL, GUJARAT.

Job Title: TRAINEE DESIGN ENGINEER – “DESIGN & DEVELOPMENT DEPARTMENT”

JOB PROFILE – Technical bid preparation - “design, drawings & costing”,
Work order process - “design, drawings, production inspection, GA & testing feedback analysis”.

Education:

- B.E. (Electrical) from SVMIT, Bharuch, affiliated to SGU, Surat with second class in June 2002.
- H.S.C. from G.S.E.B. with first class in March 1995.
- S.S.C. from G.S.E.B. with distinction in March 1993.

IT Skills:

Skill Type	Skill Name	Proficiency	Last Used	Years of Experience
DATABASE	ORACLE 8.0	Proficient	1999	1.0
LANGUAGE	C, C++	Proficient	2002	1.0
OS	UNIX	Proficient	2002	1.0
OS	WIN 95,98,XP,8.1 Pro,10.0	Proficient	2023	24.0
ERP	SAP, MS Dynamics AX	Proficient	2023	20.0
TOOLS	MS OFFICE	Proficient	2023	24.0
TOOLS	D2K	Proficient	1999	1.0
TOOLS	AutoCAD,ZWCAD SOFTWARE	Proficient	2023	9.0

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