



## ANAND A. CHAUHAN

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### Summary:

Dynamic Electrical Professional Experience in Power Plants, Utility, Plant Maintenance, Project Management of Oil and Gas Plants. Experience in World Class companies Vedanta Ltd. Cairn Oil and Gas, Nicholas Piramal Glass Ltd., Deepak Nitrite Ltd & Core Health Care Ltd.

### Skill Highlights

- Operation and Maintenance
- Strong Decision Maker
- Project Planning & Control
- Elect.Safety
- Innovative
- Service-focused
- Reliability
- Troubleshooting

## Contact

### Address:

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## Languages

English  
Gujarati  
Hindi

## Experience

- Vedanta Cairn Oil and Gas : 14 Yrs. Worked as a Senior Engineer
- Deepak Nitrite Ltd. : 2.8 Yrs. Worked as Manager
- Nicholas Primal Ltd. 9.11 Yrs. Worked as Sr.Executive
- Core Health Care Ltd. 2.9 Yrs. Worked as Asst. Engr.

### Domain Experience

Operation and Maintenance of the Electrical system, Gas Engine Generator, Steam Turbine Generators, Diesel Generators, Power Transformers, HT-LT Motors, 415V PMCC, UPS, Battery Banks, Sub-Stations, VCB-ACB Circuit Breakers, Lighting Systems, EHT System, Distribution Transformers, VFDs, MLDB, Battery Chargers. Protection Relays, HVAC System.

### Objective:

A Self Motivated result oriented competent professional with proven skills, targeting for challenging & rewarding opportunities as a Leader.

### Education

Diploma Electrical Engineering: 1993  
Diploma Computer Application: 2000  
Course in AutoCAD 1D : 2009  
Gujarat Secondary Edu. Board: 1990

### Certifications

Mines Supervisor Certificate  
Electrical Supervisor Certificate  
Certificate course GE Gas Turbine Operations  
Micro soft office tools (Word, Excel, PowerPoint)  
SAP MM and PM Module  
ISO 50001 EnMS

### Passport No:

X3945451 (Validity 2034)

**Senior Engineer**  
**Vedanta Ltd (Cairn Oil and Gas) , Rajasthan**

**Jan 2010 – Feb 2024**

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- Experience of 6.6KV, 415V PMCC, VCB, ACB and Feeders Maintenance.
  - Operation & Maintenance, Overhauling and troubleshooting of HT & LT Motors of various makes like ABB, Siemens, CGL, GE etc. rating up to 4.5 MW induction AC motors. Having hand on experience on Solcon, ABB make soft starter, VFD drives etc.
  - All types of Transformers, HV up to 4.5MW HT Motors, LV Motors, UPS and Battery Chargers, Batteries Maints., HT-LT VCB, ACB Breakers, EHT System Experience.
  - Captive Power Plant Operation & Maintenance of 12 MW STG X 5 Nos. including Grid Synchronisation.
  - 33 KV, 11 KV, 6.6KV. 415V Switch gears.
  - O & M of 12MW X 5 Nos. STG with its Auxiliaries Power Plant.
  - 2.5MWx 3 Nos. EDG and its Auxiliaries, Air-Compressors, N2 Plants.
  - 33kv Overhead Line Maintenance Experience. VFD, ESP, Lighting System.
  - Oil and Gas Process Plant total 11 Nos. Sub-station Experience.
  - Performed Preventive, Predictive, Corrective and Breakdown Maintenance & Overhaul of Static & Rotary Equipment.
  - Execute Daily work schedules in a Safe, efficient and diligent manner in accordance with approved platform procedures and routines, industry standards.
  - Adroit in managing overall operations and Maintenance activities to enhance the operational efficiency of operations, eliminating obsolescence and achieving cost reduction.
  - Supervise day to day operation and execution of Preventive, corrective and break down Maintenance activities on electrical systems, plant and equipment in assigned field, covering Stream Turbine Generators & controls, L.V/ H.V motors & control circuits, Transformers, H.V overhead lines, Electrical submersible pumps (ESP), Power management system, and electrical protection systems.
  - Proactively identifying areas of obstruction/breakdowns and taking steps to rectify the Equipments through application of trouble shooting techniques.
  - Participate in Pre-commissioning, Commissioning, FAT and SAT representing end user, to ensure the equipment & systems are installed & commissioned according to the electrical codes and standards. Tracking project progress and mitigating any risks involved
  - Condition Monitoring , RCA and Troubleshooting of the Rotary equipments
  - Domain expertise lies in proposals, detailed engineering, Vendor management and Construction management in Project and Oil and Gas Plant.
  - Proven expertise managing maintenance operations in wide range of industrial settings while undertaking scheduled and breakdown maintenance of Engg equipment /plants.
  - Skilled in estimating costs on equipment, systems and structures repair or replacement with an ability to support ongoing preventative maintenance program.
  - 5S Method applied in Plant to improve quality, productivity and safety.

**Assistant Manager (Power Plant)**  
**Deepak Nitrite Ltd.**

**Jun 2007 - May 2010**

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- Overall Operation and Maintenance of 3.3KV **GE Jenbacher** make 5MW Gas ignited Captive Power Plant and its Auxiliaries and parallel operation with 66kv Grid.
  - Sync. CPP & GEB, Preventive & Predictive Maints. Of all Electrical System.
  - Experience of R.O.Plant, Nitrogen plant, Cooling towers, Air-compressors, Boilers, Chilling plant, AHU.
  - 66KV/22KV Switchyard with Oil immersed CT/PT, Isolator, Boilers, DM Plant, Chilling Plants, Air-compressors, RO, and N2 Plant etc.
  - Spare management i.e. indenting, follow up & maintaining of electrical spares reduction in inventory.
  - Inter-departmental Co-ordination for achieving highest production targets.
  - Expertise in various fields like - Trouble Shooting, Achievement of KRA, energy conservation- mainly focus areas are Gensets availability & power generation.

**Senior Engineer**  
**Nicholas Piramal Glass Ltd**

**Jun 1997 - Jun 2007**

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- 10 MW Diesel Gensets (Kirloskar), 7 MW CATERPILLAR & 2.8 MW JENBACHER make spark ignited Gas Engines & It's Auxiliaries. (AVR, CT/PT panel, NGR etc.)
  - 22,11,6.6, 3.3KV HT/LT Panel & Switchgears like –VCBs, SF6, MOCB,ACBs, Transformers, Battery , Battery Chargers, Air-compressors, Pumps, Radiators etc.
  - Synchronization of Gas engines with 66/22Kv Sub-station through Woodward make Microprocessor based DSLC & MSLC (Synchronizing Load Control) & EGCP-3.
  - Top End Overhauling of Gas Engines and Kato Alternator along with M/s ABB.
  - O&M of 6.25MVA power & 250KVA Auxiliary transformer & control logics.
  - Fast trouble shooting of Electrical circuits, O & M of R.O.Plant.
  - Experience of Maints. Of Radiators & Waste Heat Recovery system.
  - Taking care of Kaizens, Energy Conservation & saving activities
  - Involved in ISO 9001-2000 & OHSAS-18001 procedure for the company.
  - Manages inventory for Caterpillar Engines and Auxiliaries.

**Assistant Engineer**  
**CORE HEALTH CARE LTD.**

**Sep 1994 - Jun 1997**

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Experience of Operation, Maints. Preventive Maints & Trouble shooting of

- 2 X 2.5 Mw Diesel based Kirloskar make Power Plant..
- 3 X 14 TPH Nestler Make Boilers 3 Nos. Air-Compressors Ir Make.
- 66 Kv Switch-Yards with Its Controls Panels.
- Cooling Towers & Its Pumps, Fans Maintenance Activities.
- Operation of 1500x2nos. Thermax make Vapor Absorption Treatment Plant.