### Dhirendra Patel

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#### Curriculum Vitae

**Profile:**

Intend to build a career with leading corporate with committed & dedicated people, which will help me to explore myself fully and realize my potential.

**Academic Qualification:**

* Passed Degree in Electrical Engineering with First class (62.5% last Sem) in the year, April - 2007 from Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat.
* Passed Diploma in Electrical Engineering with distinction (73.24%) in the year Dec – 2001 from Dr S & S S Gandhi College of Engg Surat, Technical education board, Gandhinagar, Gujarat.
* Passed S.S.C. Board exam with distinction (74.71%) in the year March-1998 from G.S.E.B. Gandhinagar, Gujarat.

## Professional Job Profile:

1. Currently working with **National Peroxide Pvt Ltd, Wadia Group, Maharashtra**.

Working Area H2/H202 Gas based

Designation Electrical Engineer cum Manager: Maintenance plus Project Execution

Job Duration March 2018 to till date – 3.3 Years

1. Previously working with **Reliance Industries Ltd, Jamnagar, Gujarat.**

Working Area Petrochemical Refinery (Gasification/LLDPE/LDPE)

Designation Manager Electrical: Maintenance and Project Execution

Job Duration Feb 2014 to Feb 2018 – 04 Years

1. Have worked with **Aedicon Engineering Resources Private Ltd, ISO 9001:2008 & OHSAS 18001:2007 Certified EPC Company, Gujarat.**

Working Area Gujarat Gas Company Ltd (CNG/PNG Gas based), Larsen & Tubro Ltd (Manufacturing based)

Designation Deputy Manager: E & I: Project Execution and Maintenance

Job Duration Apr 2011toFeb 2014– 2.10 Years

1. Have worked with **Essar Steel Ltd, Gujarat.**

Working Area Cold Rolling Mills, Hot Strip Mill/Plant, Electric Arc Furnace, Caster Plant and Blast Furnace Plant

Designation Assistant E & A Manager

Job Duration Jun 2004 to March 2011 – 6.9 Years

1. Have worked with **Reliance Industries Ltd, Hazira, Gujarat.**

Working Area Cracker Plant, PTA 1 & 2 Plant and POY/PSF Plant

Designation Electrical Supervisor/Site In charge

Job Duration Jan 2002 To Jun 2004 – 2.6 Years

**Duties & Responsibilities**

* Organizing & Planning & Execution and Control of Men power finalizing & Material Management as per Task &Job activity.
* Necessary Modifications & Corrections in the Existing plant to reduce running plant breakdown.
* Maintenance, refurbishing & testing, up gradation and shut down activities of the running plants as per safety standards.
* Maintaining & Preparing of Annual Maintenance Plan, calibration schedule, History cards, documentations & records of each equipment & device.
* Maintaining proper spares inventory & consumption records of each Electrical system.
* Management of Annual Maintenance Contracts, Vendor development for compliance to company’s HSSE environment.
* Project Design & Direction by Co-ordination with engineering dept.
* Analyzing various Engineering drawings & documents and subsequently evaluating the scope.
* Prepare& Identify scope of work & men power and prepare Detailed Master Schedule for the project as well as equipment loading details. Prepare detailed work plans for individual activities along with requirement of material, manpower and equipment. Prepare work schedule for all activities to ensure smooth operation of the task/project.
* Preparing/Finalizing TS-Technical Specifications / TR-Technical recommendation for material procurement.
* Monitoring & Inspection of incoming materials. Ensured all checks of the equipment as per quality standards & vendor specifications.
* Co-ordination activities with Engineering team and Site office for the Drawings, MTO / BOQ, Materials, Schedules, Bills, Mobilization of Machinery & Manpower.
* Overseen the preparation of safe erection plan. Ensured all the activities are performed in accordance with company HSE rules.
* Supervise & Assistance Erection, Installation, Pre commissioning and commissioning activities with complete necessary documentation activity as Installation &commissioning test reports of each equipment by handed over to the operation dept.
* Expediting the work by giving the suitable site decision as and when required as per the standards and monitoring/ensuring the progress as per the scheduled targets.
* Conducting periodic review meeting on project performance and plan Implementation of both long term & short-term, Accident Prevention program for the project.
* Formulating and developing Steering Committee and Organize meetings, Safety Work Permit / STA & RA Systems, Selection of Personal Protective Equipment’s.
* Preparation of Progress reports such as Daily, Weekly and Monthly progress reports, progress status report for management review. Organize daily planning meeting for execution.
* Co-ordination with Project Manager, Construction Management Team, Finance and other groups as & when required.
* Monitor Schedule deviations and to propose corrective actions and recovery schedules.
* Establish target completion dates, ensure target dates are achieved.
* Involved in progress review meetings with client & subcontractors to discuss project progress & hindrance.
* Monitor Actual Physical Progress on Site Activities during Contract Execution & Highlight any delay and suggest remedial actions.

**Projects Executed:**

* **PETCOKE GASIFICATION, BLAST FURNACE, LLDPE, LDPE, ETP, COLD ROLLING MILL, CTL**: -

(a)Designing/Execution of Electrical substation :Transformer erection 20MVA 33/6.6 kv ,7.5MVA 22/6.6kv & 2-2.6 MVA 6.6kv/415V & it’s HT panel erection & commissioning plus each electrical & instrumentation panel installation, testing &commissioning of PMCC/PCC/MCC/PDB/LDB/UPSDB panel plus UPS 800kva & UPS Batteries. Float/Booster Type Battery charger, Lighting poles erection, Finalize cable & cable tray routes and execution of cable tray work, HT/LT control & power cable laying-overhead & underground both way & with its glanding/terminations, erection of ear thing pits with laying of earth strips, Lighting related minor jobs. (b) Erection &Commissioning of HT Motors up to 6.6 kv 1700 kw rating and LT Motors up to 425kw rating plus its Soft starter and VFD AC drive up to 425kw rating.(c) Involved Erection, Installation & Commissioning of Emergency DG Set 2500 KVA Rating with its AMF Panel & necessary cabling and connections.(d) Complete Electrical Installations with hand over procedure for

ETP/Oxygen/LDPE/LLDPE Plant.(e) Erection & Commissioning of EOT Cranes from 25 Ton To 100 Ton.

* **Hands on Tasks: -**
* Erection,Testing,Commissioning & Maintenance of 33KV,22KV & 6.6 KV Substation including HT/LT Switchgears, Transformers,PCC,MCC,PMCC,MLDB, UPS Battery & UPS Panel, D.G.Set etc.
* HT /LT /Control cable laying, termination & jointing with Cable Trays.
* Erection, testing, commissioning & maintenance of EOT cranes & Gantry cranes of 30T, 60T, 125T, 150T& 225T capacity.
* PM / Erection / Commissioning of AC motors: A.In LT motors up to 750 Kw.B.In HT motors up to 1.1 kV to 6.6 kV (compressors and cooling fans)
* PM of DC motors: Up to 1800 kW separately excited
* PM of LT breakers: ACB of Siemens/L & T/ABB capacity of 440v, 4000 Amp
* PM of HT breakers: A.VCB of Siemens/L & T/ABB capacity of 6.6 kv, 1250 A. B. SF6 of ABB 33 kv. C. OCB of Siemens 6.6kv, 1250 A
* PM/trouble shooting/commissioning of AC drives: ABB ACS 550,600 TO ACS 800 of up to 425 kw motor. B. Yaskawa of up to 150 kw motor. C. Bhartia cutler of up to 15 kw motor. D. Telemechanic of up to 190 kw motor. E. Eurotherm drive for heater's current control up to 270kw
* PM/Commissioning of DC drives: Alstom-ceglec of upto 100 kw.
* Knowledge of SCADA (HMI To Wonderware,8.0 Version) and DCS
* Trouble shooting of PLC----- ABB ACS 450, SIEMENS S7 200,300,400
* Knowledge / Pm of instrumentation field devices :Thermocouple-K Type,RTD-PT100,Pressure s/w, Temp.s/w, Proximity, Limit s/w,Flow s/w,DPT/PT-Endress hauser ,Edge guide unit, steering unit, solenoid valves, Flow control valve,positioner, photo sensors, anti-collisions, EPABX System, Fire Control System, temperature analog and digital controllers like CI 810,CI830,AI801,AI830
* Knowledge of DFF, RTH furnaces related its instrumentation devices, close loops etc.
* Involved in Commissioning of inductor (400 kw) of Ajjex Manufacturing.
* Lighting maintenance job, EPABX System &Fire alarm system installation & maintenance.
* Power system design & engineering including BOQ preparation & Estimation.
* Electrical, Electronics & structural Earthing for whole plant & power system.

**Extra Activities:**

* Computer skills - Sap 6.0 (Material Procurement & Management), MS Office, Internet awareness.

**Strengths:**

* Potential to sheer hard work on challenging projects, result oriented, Capability to deal with client representatives, Excellent Communication, Motivator, Excellent analytical Skill to resolve the problems, Good Coordinator, Man & Material management skills.
* Work & resource planning to meet targets keeping in mind with the highest quality & safety.
* Highly motivated, continual learner, Team leading capability & able to provide Customer satisfaction of higher standard.

**Personal facts:**

**Name** Dhirendra C. Patel

**Fathers name** Champakbhai Channiabhai Patel

**Date of birth** 29th Aug 1982

**Marital status** Unmarried

I declare that all the above described information is true to the best of my knowledge.

Regards,

**Dhirendra Patel**