

## JAYMIT KUMAR GIRISHBHAI PATEL

18/B, Ambikanagar-3,

Chhani Jakat Naka Baroda.

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# ELECTRICAL ENGINEERING PROFESSIONAL

## PROFESSIONAL SYNOPSIS

- ☒ Proactive, industrious & result-oriented professional, offering about 17 years of performance-driven experience in project management & maintenance operations.
- ☒ Educationally qualified **Bachelor in Electrical Engineering** with rich exposure in electrical system, project planning, maintenance and control.
- ☒ Thorough understanding of all aspects of electrical project activities in chemical manufacturing units with updated knowledge of latest technological advancements, regulations/ guidelines and statutory compliances related to electrical aspects in the industry.
- ☒ Effective skills in quality safety Leadership, manpower management, material management resource planning, cost reduction, liasoning enhancement.
- ☒ Conceptually strong, with demonstrated diagnostic and problem-solving skills in conjunction with the ability to grasp analyse situations and implement solutions, wherever required.

## Core Competencies:

☒ Modern Electrical engg. Methods / codes / standards. / green field Project/Maintenance ☒ Experience in Continuous and multi-purpose plant Electrical aspects. ☒ electrical safety implantation ☒ Preventive / breakdown Maintenance☒ Materials Management ☒ Operations& maintenance of GGBCPP &DGBCPP ☒ Implement technologies for quality maintenance jobs at minimal cost of spares and maximum☒ Project Planning / Monitoring

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## PROFESSIONAL EXPERIENCE AND ACCOMPLISHMENTS

**GUJARAT FLUOROCHEMICALS LIMITED (INOX GFL GROUP) June'2015-date-01 till continue**

**Assistant General Manager (Head of Department)**

Gujarat Fluoro Chemicals Limited is an ISO 9001:2015, ISO 14001:2015 and OHSAS 180001:2007 certified company engaged in the manufacturing of Refrigerant gas (R-22). R142B, Fluoro speciality chemicals . The company produces 12,600tons AHF & 25,000 tons refrigerant per annum and technical grade HCl Anhydrous HCl, DHF & Gypsum as a by-product.

- ⇒ Experience in green field and brown field projects. And MOC related jobs.
- ⇒ Knowledge of detail engineering in electrical side project material selection, procurement, installation erection and commissioning of all electrical plant equipment, panels and package units.
- ⇒ erection Commissioning of 66KV switch yard Structure, incomer and outgoing HT breakers and all connected ICOG HT breakers along with 66kv power transformer.
- ⇒ 66KV procurement installation and commissioning with all legal procedure done also looking operation and maintenance of Equipment and switchgears, and control and relay panels.
- ⇒ Knowledge about to make all electrical scope in project load calculation makes all SLD of new upcoming Load/ extended loads of HT panels, new PCCs and new MCCs.
- ⇒ Procurements, Technical Bid Analysis (TBA) for HT panels PCCs and MCCs, APFC Panels on the basis of Electrical load data for new upcoming/extended projects.
- ⇒ Expertise in inventory management of standardizes spares and equipment to reduce inventory. Co-ordinate with stores for optimum inventory of spares
- ⇒ Expertise in liasoning work With Contractors, Vendors and government bodies like Electrical Inspector, MGVCL, GETCO etc. also legal activity
- ⇒ Implement Standard Operating Procedures and actively support all audit inspections in compliance to the industry standards.
- ⇒ EHS related activity and Documentation work.
- ⇒ Working with SAP HANA for Plant maintenance module project and consumable material indents, and issuing of project materials. clearing service entry sheets and preventive maintenance Notification of electrical equipment maintain work.
- ⇒ Shift Schedule, manpower line up and trouble shooting in deviation of process parameters, following work permit system (PTW) , proper follow of the safety rules & procedures in the plant, safe start-up & shutdown activities, preparation of SOPs etc.
- ⇒ Erection, commissioning & maintenance of AFBC boiler (13.5 TPH) ESP-Electrostatic precipitator.
- ⇒ Erection commissioning and testing of IMCC with ethernet protocol Rockwell
- ⇒ knowledge about Operation and maintenance of gas generator base captive power plant capacity 3.751MW (1365kwx2 and 1021kwx1) Deutz make Gas engine. And its Utility and Auxiliary power units.
- ⇒ Maintain of waste heat recovery boiler and jacket water heat recovery System unit include with GGBCPP

- ⇒ Knowledge about D. G. Set (2000 KVA 1500KVA 1000KVA, 500KVA, 125 KVA ,63.5 KVA) Operation & Breakdown and Preventive maintenance.
- ⇒ Knowledge about HT power and LT distribution transformers periodic & routine maintenance.
- ⇒ Knowledge about selection, installation and maintenance of U.P.S. (online and redundancy).
- ⇒ Knowledge of periodic and routine Maintenance of Three Phase LT Motors UP TO 400 KW and its controlling system (Star Delta & DOL Starter with microprocessor-based overload relays) as well as Feeders of M.C.Cs. All types of Interlocking with temp.and pressure control. With other DCS instrument system.
- ⇒ Electrical Maintenance of package units of utility section like refrigerant brine Plants, Air Compressors, Chilling Plant D.M. Plant. also control panels of Gas, AFBC, and F.O. type boilers (6 TPH) (13.5TPH).
- ⇒ Monitoring& maintain daily the Electrical consumption data and monthly consumption report of entire site.
- ⇒ Knowledge about preventive Maintenance of H.T. Breakers like VCB, MOCB & L.T. ACBs.
- ⇒ Knowledge of maintenance of soft starters (Amtech, L&T, ABB) .
- ⇒ Handle the external party for electrical project work as well as revamping work in plant.
- ⇒ Operation and maintenance of the Invertors panels as well as VFD Panels (L&T, AMTECH, ABB, DANFOSS)
- ⇒ awareness about ISO 9000:2015 14001:2015(IMS) and 18001:2007((OHSAS) systems and serve as auditor In current organization. (INTERTEK)etc.
- ⇒ working with DuPont safety sustainability and member of PPSC, work at height, safety observation, Process Safety management (PSM) subcommittee and team leader of Electrical safety committee.
- ⇒ Knowledge and Working in Energy conservation activity in plants.
- ⇒ I serve as electrical safety officer in GFL .

## ⇒ **PREVIOUS COMPANIES**

**DIAMINES AND CHEMICALS LIMITED)  
PETROCHEMICALS AREA NANDESARI BARODA  
EXECUTIVE/ SR. EXECUTIVE**

**15<sup>th</sup> OCT-2010 TO 31<sup>st</sup> MAY 2015**

Specialty in Ethylene diamines products, poly amines, and ethylene dichloride ( ISO 9001:2015, ISO 14001:2015

**SUNPHARMACEUTICALS INDUSTRIES LIMITED (API UNIT)  
KARKHADI  
OFFICER**

**15<sup>TH</sup> SEPT 2007 TO 14<sup>th</sup> OCT. 2010**

Product of antibiotics intermediates material for sterile

**VIJAY JYOT SEAT PVT. LIMITED (SAMSON GROUP)  
BASKA HALOL  
ENGINEER**

**10<sup>TH</sup> AUG 2006 TO 10<sup>TH</sup> SEPT. 2007**

Product of poly vinylene material for vehicle seat

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## **ACADEMIC AND PROFESSIONAL CREDENTIALS**

**Bachelor Degree in Engineering (Electrical)**  
Maharaja Sayajirao University Baroda (MSU) with 54%

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**Date of Birth:** 10<sup>th</sup> October, 1978

**Language Proficiency:** English, Hindi & Gujarati

**Computer Proficiency:** MS Office, Windows, Networking Concepts & SAP.HANA.,Micro soft TITAN

**References:** Available upon request.