

Apply For The Post of ELECTRICAL ENGINEER

MANISHKUMAR PAREKH

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Personal Information

- Date of Birth :27th Oct 1978
- Sex :Male
- Nationality : Indian
- Marital Status : Married
- Father's Name : Kanubhai Parekh
- Passport No. :L1871557
- Date of Issue :16th May 2013
- Date of Expiry :15th May 2023

Education

- 2011
"Electrical Supervisor" Competency Certified, Govt of Gujarat.
- 2007-2010
DIPLOMA IN ELECTRICAL ENG. from AICTE approved University.
Aggregate – A Grade.
- 1998 - 1999
NCTVT ELECTRICAL, GOVT OF GUJARAT, Aggregate – 73 %
- 1995-1997
NCVT ELECTRICAL, GOVT OF INDIA, Aggregate – 72 %.
- 1994-1995
SSC, GUJARAT BOARD,

Career-Objective

"To excel in the field of Maintenance, to acquire and implement the best maintenance practices to grow self-confident and organization beneficiary

To produce outstanding results for my firm and myself in a position that offers opportunities for professional growth.

Experience Summary

Total – 16+ years' experience in Electrical & Automation maintenance & operation services with various type of sector.e.g. 38MW Captive power plant, soda ash, paints, chemical and Fertilizers.

Over view of key skill

Electrical

- Synchronization, load sharing, power import/export of CPP based generation unit, rated up to 38 MW.
- Emergency generator, power distribution system with siemens,I&t, Schneider switch board like PCC,MCC,HVSB,PDB,PLDB,APFC,AMF and EMCC.
- DCS, PLC and SCADA control system interfacing with electrical equipment. Like ABB, Siemens, Mitsubishi, Schneider.
- Power / Distribution transformer up to 20 MVA with OLTC controlling and its related protection and metering scheme. Like Voltamp, CG, Vivekananda.
- HV / MV / LV Breakers like SF6, VCB, ACB and MOCB of SIEMANS,L&T,ABB,SCHNEIDER.
- MV and LV Motors types of squirrel cage and slip ring induction up to 6700 KW of ABB, SIEMANCE, BHEL, ALSTOM and BBL.
- Numerical relay ckt. Tress out as per drawing of ABB, SIEMANS, L&T. 7SJ600, 7SJ531,P&B, MM30, SPM150C,PR512/P.MiCOM P211,111
- Controlling and troubleshooting of VFD up to 1250 KVA make of ABB, YASKAWA, SIEMANS, TELEMACHENIC, and FUJI.
- Electrical back up equipment likes UPS, BATTERY CHARGER up to 40 KVA and 100 AH. Like TATA LIBERT, HIREL, APC, CHABBHI.
- Operational function & Trouble shooting of E&I auxiliary's of CFBC Boiler.e.g.ESP,MOV,TURBINE,PA SYSTEM,

Automation & Instrumentation

- Down loading / Uploading of Schneider based PLC program backup.
- Automation System Trouble shooting through 984LL PLC programming.
- Down loading / Uploading of DCS Project of ABB 800xA,
- Down loading / Uploading of SCADA Project of GE Fanuc, Cimplicity version 6.1.
- Configure Events, Procedures and actions in screen objects of SCADA
- Use and modify graphics library smart objects.
- Use of the various animation capabilities of Cimplicity.
- Create Graphic Screens of SCADA, Configuration Points.
- Maintaining Electrical spares and lancing & Preventive and breakdowns maintenance planning managed & attended by Computer based Maintenance Management system.
- Understanding of PLC & SCADA networking scheme.e.g. Modbus plus. Ethernet, Asigate way, distributed I/O.
- Field instruments testing, Maintenance and Installation e.g. Guided Radar Level Transmitter, Mass Flow Transmitter, Level switch, Pressure Switch,Tempreture Transmitter, Power Transmitter, Control Valve, On/Off Valve,
- Bag / Tin Packing Machine,Pneumatic conveying system,

Present

COMPANY : **Vraj Integrated Textile Park Limited**, Kheda, Gujarat, India.
(10MW CAPTIVE POWER PLANT)

Period : 29th Aug 2014 To Till Date

Designation : Electrical Engineer

Job Responsibility :

- Operation & Maintenance of HT (11KV) / LT(0.4KV) switch gear of 10MW CPP. E.g. Alternator, Transformer, PCC, MCC, VFD's, UPS, Batter Charger, Motor's, PLC, ESP, NGR, SOFT STARTER,)
- Monitoring, Controlling and synchronization of 10MW TG set with local Grid Bus to export power, as well as plant load.
- Calculation and reporting of power generation & consumption report to superior.
- Fault Finding and root cause analysis of E&I breakdown. (why-why analysis)
- Familiar with online process of engineering station to finding out DCS IO's trouble. DCS 800xA, CPU: AC800M, make ABB
- Handling PLC's related technical issues and create preventive action for the same.
- Spare management (spare indent, spare issue, spare evaluation, stores audit, vendor generation, negotiation with supplier)
- Manpower handling and skill development (job allocation, supervision, training needs, leave approval, technical support)

Previous

COMPANY : **Omya India Pvt.Ltd, Talaja, Navi Mumbai.**

Dry Calcium Carbonate (CaCO₃) Processing

Period : 15th Jan 2007 to 29th Aug 2013. (6 Years 7 Months)

Designation : Electrical & Instruments Supervisor.

Job Responsibility :

- Maintaining and ensuring the availability of Electrical & Instrumentation Equipment's of Production, Utility etc.
- PLC & SCADA backup downloading/Uploading.
- Maintenance Man power handling.e.g Contractor Helper, Technician,
- AMC Visit follow-up and planning with External agency.
- Legal compliance of Electrical System.
- Evaluation and selection of supplier.
- Conduct / Attend the Internal or External audit of IMS system e.g. ISO14001/18001/9001.
- Documentation

COMPANY : M/s Asian Paints Ltd, Ankleshwar, Gujarat.
Period : 22nd Oct 2004 to 2nd Feb 2007 (3 Years 3 Months)
Designation : Technician.

Job Responsibility :

- Preventive and Breaks down Maintenance of various Electrical switch gear and Switch Board e.g.Motors,Generators,Circute Breakers,APFC,Transformer,Lighting,Fork lift,PLC,DCS

COMPANY : M/s Nirma Ltd (Soda Ash Division, Bhavnagar, Gujarat.)
Period : 4th Dec 1999 to 20th Oct 2004 (5 Years 10 Months)
Designation : Jr.Technician

Job Responsibility :

- Operation and Maintenance of Electrical switch gear and switch board of 38MW 11KV CPP.e.g.Generator,Emergency Diesel engine,HV switch board, Outdoor switch yard, Transformer, Battery Charger,UPS,CFBC Boiler auxiliary's,
- Power consumption monitoring and recording and report generation of Utility and process system

COMPANY : Gujarat State Fertilizer and Chemical Co. Gujarat.
Period : 16th March 1998 to 15th March 1999 (1 Year)
Designation : Trainee Technician.

Job Responsibility :

- Preventive and Breaks down Maintenance of various Electrical switch gear and Switch Board under Supervision of Company Technician or Engineers e.g.Motors,Generators,Circute Breakers,APFC,Transformer,Lighting,Fork lift,PLC,DCS
- Training has been taken in following plant
Caprolactum, Sulphuric Acid, Ammonia IV, Phosphoric Acid

Project Work Experience

- Commissioning, testing activity of electrical and instrumentation equipment in Rolling process Plant at OMYA (I) PVT. LTD. MUMBAI. As a representative of Omya (I) Pvt.Ltd. in year of 2007
- Erection, commissioning & testing activity in 38 MW captive Power Plant at NIRMA LTD. Bhavnagar. As a representative of Nirma Ltd.in year of 1999.

Computer Skills

- M.S.OFFICE
- INTERNATE
- COMPUTER BASED MAINTENANCE MANAGEMENT (CMMS)
- LOTUS NOTES

Other Activities

- Operation & Maintenance of Fire alarm system, & Fire Hydrant System.
Maintenance of Intercom & Board line telephone system

Training History

- “Electrical Safety” 3 Days training course attended from National Safety Council at Mumbai in 2010
- GE FANUC Course # 716 Proficy ME (Logic developer machine edition) & PE (HMI, SCADA – CIMPLICITY) in 2009.
- Schneider Automation Proworx 32 Software Basic course (code-S101M1) training attended from Schneider at Malaysia Kula Lumpur (Shahaalam) Training center. In 2008

Additional Achievement

- I have successfully Completing as “Internal Auditor” workshop on **ISO 9001:2008 & 14001:2004** standards. In 2012
- I have successfully completing as “Internal Auditor” workshop on **OHSAS 18001:2007** standards. In 2010.

History of Multi Skill Roles and Responsibility

- “Safety Officer” at Omya India Pvt Ltd. Jan 2009 to Sep 2013
- ISO 18001/14001/9001 “Internal Auditor” at Omya India Pvt Ltd. 2010 TO 2012
- “Safety Secretary” at Omya India Pvt Ltd.2007 TO 2009
- “First aider” at Asian Paints Ltd.

Interest

- To Play Cricket
- Photo / Videography
- Technical Discussion.
- To Play Music Keyboard (Casio)

Declaration

I am ready to relocate. I hereby declare that the above written particulars are true to the best of my knowledge and belief.

(Manish Parekh)