



**Er. ANKIT KANTILAL PATEL**

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## **ELECTRICAL MAINTENANCE PROFESSIONAL**

≈ MAINTENANCE MANAGEMENT ≈ PROJECT MANAGEMENT ≈ CONTINUAL IMPROVEMENTS

**Lead Electrical Engineer, with nearly 2 years' of experience in the field of Plant Maintenance, Commissioning & Testing of all Machinery, Equipments & Utility.**

Targeting leadership assignments in **Maintenance Management**, with an organization of repute preferably in **Manufacturing Industry**.

### **PROFILE SUMMARY**

Strategic Planning | New Project Management & Implementation | Best Practices | Layout Planning | Budgeting & Cost Control | Team Leadership & Training |

- Leveraged skills in managing technically advanced, cost-efficient and state of the art Maintenance systems.
- An effective team leader with strong planning, communication, interpersonal, analytical & negotiation skills; proven capability to surpass targets within deadlines and pressure.
- Excellence in coordinating with vendors for Spare, Repairs & Maintenance of machinery as per the schedules.
- Proficient in improving productivity by optimising resource utilisation, enhancing operational efficiency by continuously the improving effectiveness of processes through cost effective technical solutions
- Skilled in ensuring compliance with ISO 9001 & 2008 & Lean to achieve quality excellence at lowest overall cost
- Exposure in leading teams of operators, supervisors and achieving best performance across multiple stations with variety of people.

Role: Operation and Maintenance Engineer

Company Name- Amar Foods & Beverages (A - Div. Of Amar Tea Pvt.Ltd)

Industries Type -Process ,Food, Similar To Pharmaceutical

Date Of Joining 15-06-2020 to Till Date

Work Experience –Operation And Maintenance Of Following Section.

- 1 HT Brekaer With Siemens VCB Having Rating 1250 Amp
- 2 1500 Kva Transformer With 1500kva Stabilizer ACB U/V Protection.
- 3 500\*2 With Synchronization Panel DG
- 4 PCC Panel
- 5 HVAC System And Its Operation
- 6 VFD Make Siemens ,ABB And Other
- 7 MCC Panel
- 8 Boiler 5tph And 1.5 Tph
- 9 Induction Motor
- 10 APFC Panel
- 11 Softner And Fire Hydrant System
- 12 HVAC Chiller
- 13 R.O Plant
- 14 ETP Plant
- 15 PLC, Scada HMI
- 16 Filling Machine
- 17 Blender
- 18 Milk Process Plant And Tea Process Plant
- 19-Compressor

20 AC  
21 Ammonia Plant  
22 PCC Plant  
23 110 DC Source  
24 Kawha Machine

## WORK EXPERIENCE

### SUZLON (POWER GENERATION COMPANY)

#### Operation And Maintenance Engineer

Suzlon is wind turbine supplier based in puna India it was formerly ranked by make as fifth largest wind turbine supplier it has since dropped out of the global top ten ranking the company. It is integrated downstream and delivered its project Management and installation consultancy and maintenance service.

#### Role:

- Maintenance and servicing – of HT/ LT PANEL
- . Monitoring of WTG from central monitoring station via SCADA Software SCS.
- . Acting as a shift Engineer
- .operation and maintenance of 1.25MW, 1.5, 2.1MW WTG Induction Generator and there component
- .Quarterly, half yearly and Annual Preventive maintenance of WTG
- .Minting Electrical switch gear ACB VCB MCB MPCB MCCB push button.
- Rotary slip contractor power supply slip ring etc
- Working on different sensor like Temp, vibration, rotary encoder Resolver level and Maintaining some
- .Maintenance of HT and LT panel power panel control panel
- Also working on 33KV substation with CT PT, LA VCB, ACB ISOLATOR and transformer 690/33 kv
- . Taking daily Reading of WTG and preparation the list of breakdown and maintaining the log book and history record
- For finding root cause of breakdown
- . following safe work procedure PTW ,LOTO, Tool bok talk JSA etc
- Testing and maintenance of equipment like current transformer, HT Panel. LT Panel Relay Breaker of various companies like ABB, SIEMENS, ALSTOM.

### Maharashtra State Electricity Board ( POWER TRASMISSION AND DISTRUBUTION COMPANY) App. Trainee Engineer Date 08/06/2017 To 07/06/2018

Mahavitaran or Mahadiscom or MSEDCL (Maharashtra State Electricity Distribution Company Limited) is a public sector undertaking (PSU) controlled by the Government of Maharashtra. It is the largest electricity distribution utility in India (1 largest in the Asia after SGCC). MSEDCL distributes electricity to the entire Maharashtra state except some part of Mumbai city where Brihanmumbai Electric Supply and Transport, Tata Power and Reliance Energy are distributors.

#### Role:

- Responsible for Overall Maintenance of Sub-Stations and Equipments. Check on department wise Reduction in breakdown time, Preventive maintenance, Training, Knowledge of Audit and related documents.
- After PM, its schedule and effectiveness on sub stations look after daily breakdown maintenance and there record analyze.
- To ensure that Equipments are maintain and all issues resolved in a timely manner.
- To maintain the maintenance spare and also interact with purchase coordinator.
- Improving machine availability by Calculate MTBF, MTTR, Route cause analysis and Corrective and Preventive action of all critical stations at every Quarter.
- Management of shift man power (about 53 wireman and electrician of MSEB) and other SUB STATION resources i.e. work distribution, making of shift plan, troubleshooting etc.

- Provide effective leadership to achieve targets consistently for production including cycle time, control of work in progress (WIP) and adherence to schedules for handing over jobs.
- Contribute to various ACTIVITIES LIKE A PLANNING OF SURVEY NEW DEMAND OF CONSUMER etc
- Monitor electricity consumption processes to identify and eliminate deviations, and reduce repair and rework to below targeted rates.
- Monitor Electricity distribution, man hour's performance and utilization.
- Solving fault Condition and sharing of resources.
- Supervision of contractor work regarding substation.
- Enforce all safety rules and regulations and promote safe working through tool box talks, investigation of first aid cases, conducting why-why analysis of incidents and near misses and implementing recommended remedial measures.

**Since Dec'16-Jun'17: EXPEL PROSYS, (Siemens authorized service and sell partner )  
Vadodara as Executive Engineer.**

Expel Prosys manufacturing unit is located in one of the largest Engineering Industrial Estate at Manjusar Vadodara city, e are affiliated with Siemens As System House For 3.3Kv To 33Kv Ht Panels, Distributor Partner For Numerical Relays & Channel Partner For Spares Supply & Retrofitting Business.

**ROLE.**

- Trouble shooting servicing for Siemens switchgear and protection relay like malfunction of protective scheme, unwanted tripping of feeders, malfunction of protective relay.
- Recommendation of relay setting and co -ordination for over current and earth Fault Relay as well as unit protection i.e. Generator protection, motor protection transformer protection etc
- Testing and maintenance of equipment like current transformer, HT Panel. LT Panel Relay Breaker of various companies like ABB, SIEMENS, ALSTOM.
- Maintenance and servicing – of HT/ LT PANEL.
- Health check up of Siemens HT / LT C.B
- Testing /commissioning and maintenance of electrical switchgears C.B. transformer ,isolator etc
- Retrofitting service to replace exiting obsolete switchgear and protection system by Siemens switchgear and protection system to keep pace with latest technology.
- Maintain all Documents related to Quality Standard.
- Practical Knowledge of Cost effect repairing of Electronics Cards, AC Drive and PLC Control car
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- Practical Knowledge of Cost effect repairing of Electronics Cards, AC Drive and PLC Control cards.

### EDUCATION

- **B.E. (Electrical Engineering)** from D. N Patel College Of Engineering Shahada Maharashtra in Year2015 Secured With **67.00%**
- **H.S.C** – K N Noorani Arts Commerce And Science College Shahada Maharashtra In 2010 With Secured **66.17%**
- **S .S.C** – S .G M High School Modalpada With Secured **72.15%**
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### IT SKILLS

Operating Systems: Windows 98/XP  
Tools and Utilities MS Office, BAAN, SAP Module 240 & MIS

## PERSONAL DETAILS

Date of Birth: 14<sup>th</sup> Oct 1992

Address: B-303, Panchamrut Residency, O/P to Shravan Green, Near Siddharth Bungalows, Sama-Savli Road,

Vadodara -390018, Gujarat

Languages Known: English, Hindi, Marathi and Gujarati

Location Preference: Vadodara, Ahmadabad (Gujarat)

## DECLARATION

I, hereby declare that, the above particulars furnished by me are true to the best of my knowledge and belief.

**ANKIT K. PATEL  
BE (ELECTRICAL)**