

YOGESH SANGALE

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Professional Goals

To utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects. Electrical engineer with 4.6 years of experience in handling electrical, Instrumentation and mechanical machines Maintenance used in industrial applications especially in FMCG, Textile and Automobile industry.

Work Experience

Electrical Maintenance Engineer

Bosch Limited, Nashik | External Engineer | May 2019-Ongoing

- Currently handling the team of 20 electricians in factory for regular and breakdown maintenance work
- Currently handling the 5 Substations (PCC Panels) having 12 Transformers having Total Capacity of 18000 KVA
- Responsible for Preventive and Breakdown Maintenance of LT and HT side Electrical System
- Trained 4 electricians to join the team
- Responsible for the Operation and Power Changeover of DG Set having total capacity of 4 MVA
- Good experience on Maintenance and troubleshooting of HVAC Electrical System which includes AHU Panels, Amax unit blowers, ambiator pump and Chiller Panels
- Have dealt with trouble shootings related to 250 KVAR Epcos made APFC
- Have dealt with trouble shootings related to busbar and plug-in box which supplies power to production machineries
- Responsible for the completion of activities of all electrical equipment PMI schedule
- Responsible for Activity of Thermography Testing of all the PCC Panels, PDB's and MCC Panels Every month
- Energy conservation project by replacing old lights with LED fittings and motion sensor operated lights in passage area, toilets, tea room and staircase
- Data Logger Practice to study the energy consumption and accordingly planning of energy conservation projects

Utility Engineer

Infiloom India Private Limited, Nashik | July 2018-May 2019

- Handled 11 team members in engineering department
 - Responsible for carrying out Preventive maintenance & Breakdown maintenance
 - 956 CFM Sullair Air Compressor Installation
 - ABB ACS 560 VFD Drive installation for suction blower to reduced power consumption
 - Have dealt with third parties in project work of overall plant development
 - Have dealt with BSCI (Business Social Compliance Initiative) Audit
 - Good experience on Maintenance and troubleshooting of Printing machines (Control print, Domino)
 - Have dealt with trouble shootings related to Thermax Boiler and its utilities
 - Implemented 5S in electrical store.
 - Experience in establishing safety Polices at site
 - Have experience in installation, commissioning and troubleshooting of Variable frequency Drives (ABB, Danfoss, Siemens power module 240)
 - Knowledge of UPS maintenance and its trouble shooting (30/60/250 KVA UPS make Emersion)
 - Trouble shootings related to PCC control room (ACB,VCB,MCCB,SFU)
 - Dealing with Electrical inspector for Annual Electrical inspection of factory
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Maintenance Engineer Trainee

Foods and Inns Limited, Nashik | Dec 2017-June 2018

- Scheduling and completing all maintenance work in an efficient manner
 - Daily activities like calculating and checking power consumption of the plant and put it in a sheet.
 - Handled outside vendors for Maintenance work and if Material required
 - Was responsible for caring out calibration of indicators and gauges
 - have handled boiler inspection with documentations
 - Earth pit corrections to strengthening earthing of plant
 - Responsible for effective spare management in co-ordination with purchase department
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Graduate Engineer Trainee

Hindustan Unilever Limited, Nashik | Nov 2016-Nov 2017

- Supervised and learnt the overall plant Electrical and Instrumentation day to day activity under the guidance of maintenance executive
- Installation of ABB makes Air circuit breakers on PCC Panel for Transformer 1 & 2 incomer
- Knowledge of Earth pit testing
- Transformer oil filtration and breakdown voltage testing
- Online monitoring and checking the daily power consumption of plant
- Knowledge of UPS and its trouble shootings
- Energy Savings Power factor improvement done from 0.972 to 0.993 resulting into Incentives of around 416789 rupees per month
- Knowledge of Harmonics present in the power system
- Troubleshooting & Maintenance of VFD (Danfoss VLT Micro Drive)
- Troubleshooting & Maintenance of Siemens SIMATIC S7 - 300 PLC
- Knowledge of LOTO system and its implementation procedure

Education

Bachelor of Electrical Engineering

Sir Visvesvaraya Institute Of Technology, Nashik
Pune University | 2013 - 2016 | 68.26%

Diploma in Electrical Engineering

MET Bhujbal Knowledge City, Nashik
MSBTE | 2010 - 2013 | 77.59%

Secondary School Certificate

Janta Vidyalaya, Naigaon
Maharashtra State Board | 2009 - 2010 | 76.00%

Skills

- PLC and SCADA related faults troubleshooting
 - AC Drives
 - Instrumentation and Electrical Troubleshooting
 - Safety Programs
 - Documentations
 - LT and HT Electrical System
 - Technical Problem Solving Abilities
 - Microsoft Windows
 - Microsoft Office
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Certifications

Government Electrical Supervisor License Certificate

Name: Yogesh Raghunath Sangale

License Number: 59832

Post Graduate Diploma in Industrial Automation

Certification From: Prolific Institute Pune

Certificate Number: 7-2016/PGDIA/24750/33011

Maharashtra State Certificate in Information Technology

Certificate Number: 0395172

Languages Spoken

- English
- Hindi
- Marathi