


SEN SATHYA

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Objective

I would like to work as a Safety engineer in challenging and creative environment where I will be able to learn new things and sharpen my skill sets and contribute towards the company goals adhering to the principles of the company.

Competency

NEBOSH - IOSH CERTIFICATION.

- **NEBOSH International General Certificate in Health and Safety.**
(Certified with credit score).
Master log certificate no: 00434934/1164408.
- **NEBOSH International Certificate in Fire Safety and Risk Assessment.**
- **NEBOSH International Certificate in Construction Health and Safety.**
Master log certificate no: IGC1/00434934/1166173.
- **NEBOSH International Certificate in Controlling Work place Hazards.**
Master log certificate no: IGC2/00434934/1137485.
- **NEBOSH International Certificate in Health and Safety Practical Application.**
Master log certificate no: IGC3/00434934/999427.

JP – Job Performer // PTW Co-ordinator (ADNOC Approved)

- Assessment of risk involved in performing job tasks.
- ADNOC online username for applying job permits

PGDIAE- Post Graduate Diploma In industrial Automation

- HMI/SCADA Configuration: RSView32, AB Panels, Wonderware.
- PLC Programming: SLC 500, AB PLC, Micrologix, Controllogix, Siemens.
- Industrial Networks and Communications: DH485, Ethernet TCP/IP, Wireless.
- Testing and implementation of automation systems

AUTO CAD AND ELECTRICAL CAD

- Creating advanced solid models and engineering drawings.
- Prepare cad models for electrical and civil industry.
- Create schematic and panel drawings for electrical industry.
- Certified autocad professional –Online certificate num:00432122 .
- E-CAD certified under autodesk.

Diploma in INDUSTRIAL SAFETY MANAGEMENT & FIRE ENGINEERING.

- Fire protection system, Construction safety.
- HSE management principles & laws, Hazards & preventive methods.
- Hazard identification, Risk assessment & First Aid.

Professional Experience (Total Years of Experience: 9 years)

Electrical Supervisor- Job performer.

July 2016 to July 2019.

XERVON INDUSTRIES L.L.C.

- Worked with ADNOC in two major projects (NPUP, Rumaitha- Shanayel Facilities Phase-3).
- Reactor-converter module fixing job in power upgradation project-ADNOC BAB site.
- TRA meetings.
- High mast erection jobs.
- Co-ordinating Jobs and materials for the site.

- Project controlling & documentation jobs for the project completion.
- Document controller & logistic support in offshore projects.

Electrical Supervisor

June 2015 to July 2016.

STRIA Constructions, GAIL (INDIA) LTD.

- Monitoring the GAIL stations.
- Ensure the electrical systems are good on performance.
- Monitoring and troubleshooting of **RO** Plant and **STP** Plant.
- Troubleshooting of ELCB, MCB, MCCB and various switch gears in substation.
- Troubleshooting of UPS, High mast lighting, circuit breakers, distribution box and panels.
- Ensure the maintenance and repair of lighting in stations- glanding and termination of cables.
- Ensure jobs performed are under LOTO procedures and safety measures,
- Ensure the crew with proper PPE while they are on grid / on job.
- Direct and coordinate installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications, and codes requirements.
- Prepare join tickets upon gas management.
- Assisting Senior Manager in office documentation & in field.
- Perform detailed calculations to compute and establish construction, and installation standards and specifications.
- Supervise and train project team members as necessary.
- Preparation of electrical drawings and estimates.

Technical Lead worker/ Supervisor

November 2014 to April 2015.

Descon Engineering LLC, QCHEM (Qatar Chemical Company)

- Ensure LOTO procedure and proper PPE during work.
- Inspect the LOTO performed on the equipment's and ensure the same.
- Perform SOP for machineries and electrical systems.
- Material and manpower planning and deployment in plant shutdown.
- Shutdown jobs of Transformers and motors.
- Monitoring PWHT – Post Welding Heat Treatment.
- Check the work permit and ensure data on the same.
- Trace out the pipe line, and ensure the fittings are proper.
- Responsible for various spares received in stores.
- Planning and execution of annual stoppages of plant.
- Planning and execution of breakdown maintenance of plant.
- Day to day analysis of routine, important and bottleneck jobs.
- Preparation of documents and maintaining history cards.
- Co- ordinate with surveyors in Inspection (Owner surveyors & QC surveyors.)
- Coordination with the Engineering and procurement department for the updates of engineering drawings.
- Coordination with various groups i.e. Design, Planning, QC and maintenance for smooth completion of work.
- Participate in Pre-commissioning and shutdown activities, locate diagnose and rectify faults.

Electrical Supervisor

November 2013 - November 2014

STRIA Constructions, GAIL(INDIA) LTD.

- Monitoring the GAIL stations.
- Ensure the electrical systems are good on performance.
- Troubleshooting of UPS, High mast lighting, circuit breakers, distribution box and panels.
- Ensure the maintenance and repair of lighting in stations and grids are in good condition.
- Ensure jobs performed are under LOTO procedures and safety measures,
- Ensure the crew with proper PPE while they are on grid / on job.
- Prepare join tickets upon gas management.
- Assisting Senior Manager in office documentation & in field.
- Perform detailed calculations to compute and establish construction, and installation standards and specifications.
- Supervise and train project team members as necessary.
- Preparation of electrical drawings and estimates.

Junior Engineer**September 2011 - November 2013****Dinu Electricals, BPCL-KR, BPCL-KR STF
Limited-Kochi Refinery, Shore Tank Farm**

- Confer with engineers, shift operators, and others to discuss existing or potential engineering projects and products.
- Design, implement, and maintenance of electrical instruments, equipment, facilities, components and products for industrial purposes.
- Supervised installation of transformers, motors, laying of UG cables, HT/MV switch boards under LOTO procedures and job safety standards.
- Direct and coordinate installation, maintenance, support, documentation, and testing activities to ensure compliance with specifications, and codes requirements.
- Perform detailed calculations to compute and establish manufacturing, construction, and installation standards and specifications.
- Inspect completed installations and observe operations, to ensure conformance to design and equipment specifications and compliance with operational and safety standards.
- Prepare specifications for purchase of materials and equipment.
- Preparation of electrical drawings and estimates.
- Supervise and train project team members as necessary.

Site Engineer**June 2009 - February 2011****Arc & Marc, BPCL-KR, BPCL-KR STF
Limited-Kochi Refinery, Shore Tank Farm**

- Carrying out feasibility studies for new technical innovations.
- Assist in developing capital project programs for new equipment and major repairs.
- Prepare and study technical drawings, specifications of electrical systems.
- Compile data and write reports regarding existing and potential engineering studies and projects.
- Reading design specifications and technical drawings.
- Preparing product documentation, writing reports and giving presentations.
- Train and assist job crew in LOTO and SOP jobs.

Co-Curricular Activities

- Presented the following seminars in my academic career: TWO TANK BATCH PROCESS USING PLC

Extra-Curricular Activities

- Campus Placement Coordinator
- Coordinated national level technical and cultural festivals
- Always A member of Honor Society Club in School

Educational Qualification

August 2009	Mahatma Gandhi Education Foundation, (MGEF) Electrical and Electronics Engineering, Percentage of Marks – 70 %
March 2005	SMHSS Cherai, (Higher Secondary Examination) Group: Computer Science, State Board of Kerala Percentage of Marks – 75.6 %

Technical Skills

Operating System	: MS DOS, Windows 95/98/XP, Vista, Windows 7, 8, 10.
Languages	: C, C++, BASIC, LADDER DIAGRAM.
Assembly Languages	: 8085, PIC 18F77a, SCADA, PLC PROGRAMMING, HMI Configuration.

Personal Details

Date of birth: 16th Sep 1986
Sex: male
Nationality: Indian
Passport number : K5982076.
Driving license : 42/5204/2011.