

RESUME

VISHNU PRASAD V
Electrical Engineer



Date of Birth: 19.03.1992

Nationality: Indian

Educational Qualifications:

B.Tech in Electrical & Electronics Engineering (EEE) (2014) from NSS College of Engineering Palakkad under Calicut University.

Personal Details

Sex: Male
Marital Status: Single
Driving License: India
KSE Membership ID: 49216

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Place of Issue: Trivandrum
Date of issue: 16/08/2016
Date of Expiry: 15/08/2026

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I am a Trained Electrical Engineer having 6 years of experience in Primary Design of Substation, of which 3.5 years in design of Packaged Substation (Oil & Gas Domain) in an EPC Environment. I have experience in Electrical detailed Design and Engineering of onshore and offshore type packaged substations - I have had many achievements including Design of the first marine offshore project (packaged substation) for Al Ahleia where our client is Kuwait Integrated Petroleum Industries Company (KIPIC) and our main contractor is HSS JV (HDEC-SAIPEM-SKEC Joint Venture).

COMPETENCIES OVERVIEW

- In-depth study of Customer's project specification and Scope of Work.
- Estimation, Conceptual /Base Designs, Reading & understand drawings/Documentation, Material Take Off, Interface Coordination activities in AIS and GIS Substations.
- Review of the FEED / Tender documents / Scopes and make suitable study to develop the system and project strategic/execution plan according to relevant standards.
- Conduct technical evaluation of vendor supplied items such as AC UPS, Battery Charger, Battery Bank, Cables, Motors etc. and select the vendor.
- Review and approve vendor drawings and documentations in compliance with applicable standards.
- Prepare design supporting calculations for electrical systems.
- Preparing BOQ and Technical Offer during proposal Stage and Bidding support.
- Equipment sizing calculation, Equipment selection in Hazardous areas, Substation Equipment Layout, Lighting Calculation and Layout, Cable tray, Conduit sizing, Multi Cable Transit Selection and Layout, Earthing calculation and layout.

- Relevant experience in Coordination and Site Implementation of High Voltage AIS and GIS substations including building & transformer packages Works.
- Preparation and checking of Cable Schedule and termination schedule.
- Preparation and checking of Load List.
- Client Interaction and coordination with main contractor/Project Management Consultants (PMC) in Engineering related matters.
- Coordination with the internal department for engineering activities to execute the project smoothly & timely.
- Electrical Design Coordination with Other Services like BMS, F&G and HVAC duct team.
- Electrical & Mechanical Package Vendor Drawing Review.
- Study of specification for electrical equipment /bought out materials and its procurement assistance.
- Enterprise Integrated Communication System (EICS), and Public Address and General Alarm (PA/GA) System.
- Knowledge in Software Packages like AutoCAD Electrical, Dialux 4.12, Navisworks, Primavera P6 R8.2, SAP, ROXTEC & HILTI Multi Cable Transit Design Software's, SAFT Battery Sizing software & MS Office Package.

Professional Experience

A. Electrical Engineer (Design) at Al Ahleia Switchgear Co,

Time Period : From January 2017- June 2020.
 Company Name : Al Ahleia Switchgear Company, Kuwait
 Department : Oil Sector Projects – Project Engineering
 Reporting To : Manager – Project Engineering.

Established in 1982, Al Ahleia Switchgear Company is an ISO (ISO 9001, ISO /TS 29001:2010, ISO 14001:2004) OHSAS (OHSAS 18001:2007) Certified leading manufacturer of Packaged Substation, Concrete Substation, medium voltage & low voltage, Switchgears, Battery chargers, control & relay panels, transformers, Data acquisition system, etc. and provides turnkey services from Design and manufacture to installation, Testing, commissioning and maintenance of various types of HV/LV switchgear and Transformer.

Worked as Primary Electrical Design Engineer for Packaged Substation at Al-Ahleia Switchgear Company, Kuwait in Project Engineering Department and recently worked for the New Refinery Project Package#5 (NRP5) - is an offshore and onshore Project for Kuwait Integrated Petroleum Industries Company (KIPIC) where Al Ahleia Switchgear Company works as Package Substation Subcontractor and HSS JV (HDEC-SAIPEM-SKEC Joint Venture) is the main contractor.

Key Projects Delivered

1. 23 Nos. PACKAGED TYPE SUBSTATIONS IN MAA REGION FOR KNPC CLEAN FUEL PROJECTS -FOR JV -JGSK (JGC - GSEC - SKEC) – COMPLETED. One of the strategic projects of Kuwait National Petroleum Company which aimed at Upgrading and expanding the existing KNPC two refineries at Mina Abdulla and Mina Al-Ahmadi. CLIENT: JGSK (JGC, GSEC & SKEC CONSORTIUM).
Project Name: - KNPC CLEAN FUEL PROJECTS - KNPC CFP 2020.

2. 24 Nos. PACKAGED TYPE SUBSTATIONS IN AI ZOUR REGION FOR NEW REFINERY PROJECT – PACKAGE 1-FOR JV -TSH (TECNICAS - SKEC-HANWA) – COMPLETION STAGE. One of the strategic projects of Kuwait National Petroleum Company (KNPC) at AL-Zour region. CLIENT: TSH (TECNICAS - SKEC-HANWA CONSORTIUM).
Project Name: - NEW REFINERY PROJECT – PACKAGE 1

3. 3 Nos. PACKAGED TYPE SUBSTATIONS (2 Nos. Offshore Type and 1 No. Onshore type) IN AI ZOUR REGION FOR NEW REFINERY PROJECT – PACKAGE 5-FOR JV – HSS (SAIPEM - SKEC-HYUNDAI) – COMPLETION STAGE. One of the strategic projects of Kuwait Integrated Petroleum Industries Company (KIPIC) at AL-Zour region. CLIENT: HSS (SAIPEM - SKEC-HYUNDAI CONSORTIUM).
Project Name: - NEW REFINERY PROJECT – PACKAGE 5

Job Responsibilities Includes;

- Review of the FEED/Tender documents/Scopes and make suitable study for the develop system and project strategic/execution plan according to standard.
- Preparation of substation Equipment Layout, Earthing Layout, Lighting Layout etc.
- Interface between different suppliers with different drawings.
- High and Low voltage power cables sizing calculation.
- Selection and sizing of DC UPS and vendor coordination etc.
- In-depth study of Customer's project specification and scope of work.
- Preparation of Bill of quantities, Technical offer, Earthing layout, cable tray layout, cable sizing, Cable estimation & UPS sizing.
- Design review for supplier drawings.
- Technical supervision, Site Coordination and Design of electrical projects.
- Experienced with Substation Physical Design for AIS/ GIS.
- Prepare design supporting calculations for electrical systems.

B. Graduate Apprentice Trainee at HLL Lifecare Ltd.,

Time Period : December 2015 – November 2016
Company Name : HLL Lifecare Ltd. (A Govt. of India Enterprise)
Department : Projects.
Reporting To : Senior Manager – Projects.

HLL Lifecare Limited (formerly Hindustan Latex Limited) (HLL) is an Indian healthcare product manufacturing company based in Thiruvananthapuram, Kerala, India. A Government of India-owned corporation (Public-sector undertaking). It produces healthcare products including condoms, contraceptive pills, IUDs, surgical sutures, blood bags and other Pharma products .

Job Responsibilities Includes:

- Primary Electrical Design (Equipment Sizing, Equipment Layout, Cable Tray, Lighting Design & Earthing Design) of New Blood Bag manufacturing facility at Konni, Kerala & Design coordination with main Contractor.
- Primary Electrical Design of new microbiology lab in Akkulam Factory.
- Preventive maintenance Electrical Equipment's such as High Frequency Blood Bag welding machine, Air compressor, Chiller, DG set, Transformer etc.
- Installation & commissioning of 150KVA modular type UPS (Make; SOCOMEC, Italy).
- Installation & commissioning of new Blood Bag manufacturing machine (PEARL, Japan).

C. Electrical Engineer at ELCONT ENGINEERS & CONTRACTORS

Time Period : May 2014 – October 2015
Company Name : ELCONT ENGINEERS & CONTRACTORS
Department : Projects
Reporting To : Manager – Engineering.

ELCONT Engineers is a Class A¹ Electrical Contractors doing Design, Planning, Implementation of Electrical Installation such as Factories, Hospitals, Schools, Shopping Malls, High Rise Buildings etc. on turnkey basis.

Job Responsibilities Includes:

- Electrical Inspectorate drawing of Commercial and High-rise Buildings.
- Lighting Calculation & Layout, Cable tray Sizing and layout.
- Preparation of Bill of quantities, Technical offer, Earthing layout, cable tray layout, cable sizing, Cable estimation.
- As Built drawing of Commercial and High-rise Building.
- Panel board designing.
- Electrical Load Calculation.
- Site Supervision works.

Activities and Achievements

- Member in Kuwait Society of Engineers.
- Gate Pass holder for KIPIC (Kuwait Integrated Petroleum Industries Company) onshore and offshore Construction site.
- Active member and Participated in various **IEEE** paper presentation and workshops.
- Student's coordinator for the technical fest "STOKA-2013" conducted by the department of Electrical & Electronics Engineering.
- Student's coordinator for technical fest "INCEPTUM-2011" conducted by the department of Instrumentation and control Engineering.
- Participated in State level mathematics Quiz.
- Participated in various co-curricular events such as Science exhibition, arts and fest right through high school level.
- Actively participated in camp organized by National Service Scheme.

Interests and Hobbies

- Travelling.
- Web surfing.
- Dreaming.
- Stamp Collection.

Declaration

I hereby declare that the above furnished information is true to the best of my knowledge and belief.

Yours Faithfully,



VISHNU PRASAD V

Date: 10.07.2020