Electrical Designer

E-Mail: gulfjobseeker-393071@2freemail.com

**Job Objective**

Seeking middle level assignments in Design Engineering, New Product Development and Service Operations with an organisation of repute preferably in **Ship Building & EPC**

**Profile Summary**

A competent professional with 13 years of experience in the field of Electrical & Instrumentation related to oil and Gas,

Ship Building & MEP Projects.

* Preparation of Load Schedule and Calculations.
* Preparation of Electrical Single Line Diagrams and Schematic Drawings.
* Preparation of Cable Tray/Ladder Layout and Earthing Layout.
* Design and Draughting of Electrical Power and Lighting Layout.
* Preparation of 3D modelling by using PDMS,REVIT,SP3D and Shipconstructor.
* Preparation of MCT Penetration Layout and Cut out Details.
* Have involvement in Engineering Site Surveys and its documentation.
* Preparation of Hazardous Area Classification Layout.
* Applied 3D Modelling for Cable Tray, Light fittings, Electrical Equipment’s using PDMS,REVIT

andShipconstructor.

**Technical Software Knowledge**

* AvevaPDMS
* Autodesk REVIT-MEP
* Shipconstructor
* Autocad 2018
* MS –Office
* SP3D

**Organisational Experience**

**UAE**

Designation: -**Electrical Designer**(April 16- Jan 19)

**Key Result Areas:-**

* Preparation of 3D Modelling o cable Tray, Electrical Equipment’s and Supports by using PDMS
* Preparation of Electrical Drawings –SLD’s, Wiring Diagrams & Electrical Layouts.
* Prepare Block Diagram for Instrumentation, Fire & Gas System, Entertainment System, Telecom LAN Data System CCTV System, Radio System and Structured Cabling System.
* 3D Modelling of Cable Trays and Electrical Panels.
* Preparing of Electrical Equipment’s Detail drawings.
* Preparing Power& Control Cable Tray & MCT Layouts (offshore projects).
* Telecom System drawings.
* Cable Schedule of Power, Control, instrumentation & Telecom.

**Key Projects Handled:-**

* **UMM LULU**Full Field Development Project, The offshore oil field is being developed by Adma&Technip
* **Al QURAM VIEW** Building at Reem Island, Abu Dhabi,UAE

**Dubai, UAE**

Designation :-**E& I Designer**(Nov’15- March16)

**Key Result Areas:-**

* Preparing Cable Block diagrams, Termination drawings, Preparing Airline Hook-ups & Installation Drawings.
* For Top side packages of FPSO CYRUS Project.
* Preparing of Location layouts.
* Preparing Cable Schedules.
* Preparing Instrument List.
* Preparing Instrument MTO.

**Key Projects Handled:-**

**FPSO CYRUS** Top Side package

**Dubai, UAE**

Designation:-**Senior ElectricalDraughtsman**(Dec’ 06-Nov’15)

**Key Result Areas:**

* Preparing Bill of material for materials arriving to facilitate the development of New Vessels.
* Handling the development of Single Line Diagrams and Load Schedules.
* Initiating 3D Modelling of Cable Trays and Electrical Panels in the Ship Constructor Software.
* Examining the 3D Model using Ship Constructor and AutoCAD in routing cable trays layout and locating various Electrical Equipment’s.
* Carrying out development of:
* SLD drawings like Main Switchboard, AC Distribution Boards, DC Distribution Boards, Shore Connection Box and Group Starter Panel.
* BOM, System Layouts and SLD drawings with the assistance of AutoCAD software and submitting the same to Engineering Head for approval.
* Lighting Layout, Power Layout, Fire Alarm System Layout, Public Address System Layout, Telephone System Layout and Television CCTV Camera System Layout as per specifies rules.
* Supervising Wheel House Console Arrangement and creation of Termination Drawings with regard to various Navigation & Communication Devices and Electrical Equipment’s.
* Managing the inspection of Electrical, Navigation and Communication Equipment’s.
* Checking the As-Fitted Drawings on a regular basis.
* Specifying the schematics for the Electrical System.
* Responsible for preparation of:
* Installation details of Electrical Panels, Trays &Equipment’s.
* Control wiring, Switchgear & MCC Drawings
* As-Built drawings

**Key Projects Handled:-**

* 2Nos 50Mtr Anchor Handling Tug Supply Vessel for Adnoc. Abu Dhabi
* 2Nos 90T Anchor Handling Tug Supply Vessel for Halul offshore Services Qatar.
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* 42Mtr Aluminium crew Boat for Nation Marine and Dredging Company (NMDC) Abu Dhabi
* 21 Mtr Aluminium Crew Boat for Kuwait Oil Tanker Company
* 2No’s 55Ton Bollard Pull Tug Boats for ADPC Abu Dhabi.
* 55Mtr Diving Support vessel for Adnoc. Abu Dhabi.
* 38Mtr Utility Vessel for Maroos Shipping Dubai.
* 2Nos 36Mtr Utility Vessel for Intergulf Marine L.L.C Dubai

**Dubai,UAE**

Designation:-**Field Service Engineer (Elevators & Escalators)**Oct’05-Nov’06

**Key Result Areas:**

* Offered on-site support for all Monospace&Minispace Elevators installed in UAE
* Generated detailed customer service Reports on a consistent basis

**Education**

* 2002 Diploma in Electronics& Telecommunication Engineering from IETE New Delhi, India (3 Yr.)
* 2005 Course on AutoCAD from CADD Centre Kerala, India
* 1999 Vocational higher Secondary Course (10+2) – (Electronics)

**Personal Details**

* Date of Birth: 24th May, 1981
* Languages Known: English, Hindi and Malayalam
* Nationality: Indian
* Marital Status: Married with one child
* Visa Details: Resident Visa (Transferable)
* Driving License: UAE LMV Driving License Holder(Valid till 24.01.20)