Mohammed

[Mohammed.318400@2freemail.com](mailto:Mohammed.318400@2freemail.com)

M cc ha n ica I E ngi ncc r Available In U.A.E on Visit

\ I J,



An engineering professional with diversified experience & knowledge of design, stress analysis and construction principles, seeking to work and pursue a career in Mechanical Engineering with an organization where I can productively utilize my experience in the Gulf region and India towards enhancing my professional skills and organization development.



**Employer: - Toshiba Power System Corporation INDIA Pvt ltd fDeployed bvNhance Engineering ltd)**



**Designation: - Piping Engineer.**

Work Projects: -

1. Title: - 1x250 MW Bithnok Thermal Power Project.

Client: - Reliance Infrastructure Limited.

Owner: NLC INDIA Ltd.

Environment: - AutoCad.

* Studying Project scope of work to comprehend concept and meet client's requirement.
* Preparation of Underground Pipeline Elevation and plan drawings in Autocad.
* Deciding the location of Air Release valve and drain valves.
* Maintaining the Clearance of Pipeline from Ground Level and Optimizing Fittings.
* Preparation of MTO.
* B.O.P Calculation of pipelines for each grid (200 grids/km).
* Providing Tie-in Details.

1. Title: - 3x55 MW Balingasag Thermal Power Plant.

Client: - Mitsubishi Corporation.

Owner: Minergy Power Corporation.

Environment: - AutoCad and PDMS.

1. Title: - KINYEREZIII 240MW CCPP.

Client: - Sumitomo Corporation.

Owner: Tanzania Electric Supply Company Limited (TANESCO).

Environment: - AutoCad and PDMS.

* Piping study of Main steam supply from Superheated steam header to turbine inlet.
* Preparation of Line List and Valve List.
* Referring to international codes (ASME B 31.1) and standards (ASME, API).
* Squad checks of various disciplines and Coordination.
* Modeling of Piping Routes of various Piping Systems (Steam Piping, High Pressure feed water piping,

pump piping, etc) in PDMS.

* Checking of Lines for data consistency and clashes in PDMS and Preparation of Clash Reports.
* Checking of Pipe Isometrics against all the input documents.
* Extraction of Piping Isometric drawings in Isodraft.
* Preparing iso drawings in Autocad and issuing for construction.
* Generation of MTO.
* Creation of General Arrangement drawings through PDMS Draft.
* Assuring with Construction team that materials used are as per the design drawings issued.

**Employer; - TRC Engineering 1..L.C fNovember-2012 to November 20141.**

**Designation; • Mechanical Designer.**

Work Projects: -

Title: - Rima satellite cluster of small Oil field projects [R.S.S.F].

* New Oil wells by Artificial lift pumps: Beam pump (4"-300# CS), PC pump (4"-300ff CS), ES pump (4”- 25000, 1500#, 900# CS), Gas lift (4"-600# oil & 3'-600lt gas hookup CS) under the code of ON PAD Piping - ASME B31.3.
* 6"-300ff CS flowline with Polyethylene liner, 6"-600# CS flowline with internal fusion bonded epoxy coating and 8" CS with Polyethylene liner, Class 2 Pipeline under the code of ASME B31.4.
* 6"-2500ff, 8"-900# Duplex stainless steel High pressure gas well ON-PAD Piping as per ASME B 31.3 and

8" DSS underground flowline with 3 layer polypropylene external coating as per ASME B 31.8.

* Rima Off-loading station, remote manifold design, fabrication and installation.
* 4"-1500# Steam injection design for multi phase flow & 6''- 600 II Water Injection well.
* Master Development Plan - General Arrangement of oil fields in topographical maps through AutoCAD.

Client: PDO (Petroleum Development of OMAN)/ Petrogas Rima.

Environment: AutoCAD and CAESAR-II.

* Co-ordination with Client, Contractors, inter discipline (Civil, Electrical, Mechanical, Instrumentation and Survey) department to assure optimized flexible piping system.
* Process data collection from client and conduct necessary site visits which includes walk downs of existing systems, locating tie-ins and measurements to finalize the flow line routing and scope of work.
* Review of Project parameters, various standards and codes related to piping requirements.
* Responsible for Calculations of Wall thickness, Friction loss. Pump head and Selection of flange ratings based on the operating conditions provided by Client.
* Preparing engineering design of piping systems related to the assigned projects including plot plan , Equipment layout, General arrangement drawings and MTO's as per applicable industry standards, codes and Company regulations i.e., Petro Gas RIMA -Petroleum Development Oman-PDO (Shell Group).
* Preparation of Isometric drawings of various jobs based on PMS, Valve Data Sheet, Equipment layout, GA drawing, P&ID's, Equipment vendor data, Nozzle data sheet, instrument hookup, standard support etc.
* Preparing stress analysis reports by using CAESAR-II for checking system flexibility and stresses are under code allowable stress range against supports and anchor points.
* Assigning work on daily basis and ensuring the work is done to meet the delivery schedules.
* Liaise with Client: PGR-C/M supervisors and Field Engineer, Contractors and Project Engineers for coordinating various activities on daily basis. Provide training to co-workers.
* Attend project meetings and provide projects' progress report (daily work, manpower & material consumption) and schedules to client Petro Gas RIMA -Petroleum Development Oman-PDO (Shell Group).
* Preparing Cost Estimations/Valuations for tendering documents.
* Participate in HSE inspection/audits/meeting and HSE incident reporting and investigation as and when required.

Employer;.- Vista Tech Engineering.seryices (AligiZflU to Qct 2QT.2)

|  |  |
| --- | --- |
| Designation: - Ir. Piping Engineer. | |
| 1. Projccl : | Asbuilt Project, lOCL |
| Client : | IOCL, PARADEEP |
| 2. Project : | 2x600 Thermal Power Plant, Nellore |
| Client : | NCC, Hyderabad |

Modelling of Equipments using PDMS as per the input drawings required.

Orienting the Nozzles as per the Pipe routings.

Fixing the Origin of Equipments by giving TOG and TOS Elevations.

Piping Modelling of all the Process equipment, Heat Exchanger, Pumps and Utilities Piping.

Creating general arrangement drawings for piping using PDMS draft & Preparation in AutoCAD. Generation of Isometrics with Isodraft.

Reviewing General Arrangement Drawings and Isometrics drawings.

Checking of isometrics and MTO's with respect to P&ID'S/MFD’s and Pipe material specification. Updating model in PDMS as per the AS-Built drawing and highlighting the mark-ups of As-built revision in AutoCad.

Preparing Piping Layout, Equipment layouts. Equipment Drawings, P & ID, Isometric view in AutoCAD.

Educational ouai.ihcations:

|  |  |  |  |
| --- | --- | --- | --- |
| Qualification | University | Aggregate percentage | Year of Passing |
| B.E (Mechanical Eng'g) | Osmania University | 70% | 2011 |
| 12th (IPE) | Board of Intermediate | 90% | 2007 |
| 10,h (Matriculation) | Secondary School (SSC) | 71% | 2005 |

|  |  |  |
| --- | --- | --- |
| SOFTWARE Skills; |  |  |
| * Design Packages : * Analysis Packages * Office tools | PDMS (3D), Smart Plant (3D) & AutoCAD (2D/3D).  : CAESAR-II.  : MS Word, MS Excel, MS project & MS Power Point. | |
| Special Training Courses: |  | 1 |

* HSE- Tools & Skills; H2S awareness and escape; IFR (Initial Fire Responses)
* STOP (Safety Training Observation Program)

Persons. Details: Marital Status Nationality Languages known Date of birth Passport Details



Unmarried.

Indian.

English, Arabic, Urdu & Hindi.

06-11-1989

I hereby declare that all the information furnished above in this application is to the best of my knowledge, true and correct.

(MECHANICAL ENGINEER)