

M.YAKOOTH

Mobile: 00971504250681/00918508438667/ E-Mail: yakoothm@yahoo.co.in

JOB OBJECTIVE

In quest of middle managerial level assignments in Project Management / Design Engineering / Piping Operations, preferably in Oil & Gas / Manufacturing industry/Construction/MEP

Location Preference: Gulf countries (Anywhere in the World)

KNOWLEDGE PURVIEW

- Admin. Set-up & Customization (SP3D, Auto PLANT, PDS, PDMS, SPPID)
- Drafting (Using AutoCAD, Micro Station, CAD Works, Auto Plant & SPPID)
- Piping (P& ID Diagrams, Plot Plan, GA Drawings, Piping Plan & MTO)
- Revit MEP Draughting/Modelling/BIM
- Huge experience in pipe designing and 2D & 3D plant design
- Profound knowledge of P&ID's, PFD's, MFD's
- Skilled in piping designing and drafting techniques, engineering drawings and graphic arts
- In-depth knowledge of piping, HVAC, and electrical commodities in a 3D model
- Proficient with AutoCAD, Plant Design System (PDS) software and CADWorx
- Ability to direct the technical work of less experienced designers and drafters
- Ability to give Training 2D/3D Tools (Smart Sketch/SP3D) To New users
- Piping & Equipment 3D Modeling and Drawing Extraction
- Pipeline (GA, Key Plan Drawings, Alignment Sheets, Piping Plan & MTO)
- GIS (Preparation of Topography, City Maps, Overlay Drawings & Alignment Sheets)
- 3D modeling Drawings and Draughting (Mechanical & Piping)

TECHNICAL SKILLS

- Smart Plant 3D (Intergraph - SP3D) - 3D Modeling & SP3D, SPPID Admin
- Intergraph PDS, Modeling & Admin
- AVEVA PDMS Modeling & Admin
- SPF (Beginner), CADWorx
- AutoPLANT SS3
- SmartPlant Review (Intergraph SPR)
- Microstation V8i, SE & J
- AutoCAD 2000-2016 (Latest Versions) /Microstation
- SPEL & SPI (Beginner)
- Mechanical Desktop 2008-2016
- Unigraphics NX5
- SolidWorks 2012
- MS Office Tools
- Windows NT 4.0 / 95 / 2000m / XP Professional

ORGANIZATIONAL EXPERIENCE

Jul'13-Till date Fluor Mideast Ltd., Abu Dhabi as CAD Draughtsman/Senior Designer

**Oct'07-Jan'10 Fluor Mideast Ltd., Abu Dhabi a/s CAD Draughtsman/Piping Designer
(With Multiple EPC, FEED, Pre-FEED Projects with different Clients)**

Software Used: AutoCAD 2009, MicroStation, SPR, PDS, PDMS, SP3D & SPPID

Clients Handled: GASCO (Abu Dhabi), Qatar Petroleum, Qatar Gas, ADMA, ZADCO, ADCO, ADGAS.

Responsibilities:

- Preparing Piping Plan/GA Drawings
- Preparing Isometric Drawings
- Preparing P& ID Drawings
- Preparing Sketches Based on Engineers Markups
- Prepare the Plot plan and General Arrangement Drawings Based on P&ID's
- Isometric Trouble Shooting in 3D Applications.
- Working With SPR and update The GA drawings
- Application support to designers working on project.
- PDS, SP3D, SPPID Project Archival and retrievals.
- MTO Administration

- Clash Management Support
- Creating SPR Sessions

Jan'10-July 2013 with SAIPEM Engineering, Sharjah as CAD Draughtsman/Senior Piping Designer/CAD Administrator: (With Multiple EPC, FEED, Pre-FEED Projects with different Clients)

Software Used: AutoCAD 2009, MicroStation, SPR, PDMS, SP3D & SPPID

Clients Handled: GASCO (Abu Dhabi), Qatar Petroleum, Saudi Aramco, SATROP,

Responsibilities:

- Preparing Piping Plan/GA Drawings
- Preparing Isometric Drawings
- Preparing P&ID Drawings
- Preparing Sketches Based on Engineers Markups
- Prepare the Plot plan and General Arrangement Drawings Based on P&ID's
- Isometric Trouble Shooting in 3D Applications.
- Working With SPR and update The GA drawings
- Carrying out isometric troubleshooting
- Providing application support to designers working on project
- Managing archival and retrievals of PDS, SP3D & SPPID, Bentley Autoplant, Project
- Looking after MTO Administration, supported Clash Management and organized SPR Sessions
- Handling the Proposals of New Projects, Softwares Requirements, Manhour Estimates

Jan'06-Oct'07 with Dar-AL-Riyadh Engineering Consultants, Saudi Arabia as SPPID Administrator / CAD Draughtsman

Software Used: AutoCAD 2006, MicroStation, SPR, PDS & SPPID

Responsibilities:

- Carried out Piping Modeling and prepared MTO, GA Drawings, Plot Plans & Isometric Drawings
- Prepared Tie-in Works including tie-in layout & tie-in drawings
- Created modification drawings for STP Plant and drainage & water services layouts
- Developed latest modification with Raster Piping Drawings by using MicroStation Iras-B Software
- Handled Pipeline Projects (cross country pipelines) and prepared alignment sheets drawings
- Performing walk down in site, checking and marking P&ID ;
- 2D AutoCAD detailed piping drawings, details and piping supports design;
- Field survey and updating drawings with survey output;
- Basic and detailed engineering (P&ID's, equipment and piping arrangement, isometrics, bill of materials, pipe supports, 3D modeling);
- Coordination between design and construction; Performing detail design and construction; Inter-disciplines coordination for Mechanical, Civil, Structural, Instrumentation and Piping Department;
- Implementation in 3D Model of engineering design solutions; Updating and Red line P&ID's
- Checking ISO drawings using Intergraph Smart Plant Review, according to P&ID, Piping Specification and Procedures, Piping Std.;
- Finding proper solutions to solve holds and clashes in accordance with clients procedures; Preparing Walk-Down Packages;

Apr'03-Jan-06 with Galfar Engineering Contracting LLC Oman

Software Used: AutoCAD 2006, MicroStation

Responsibilities:

- Conducted package & inputs study
- Prepared Flow Line Hook-Up Drawings, Well Head Hook-Up Drawings for ESP Wells, Gas Lift Wells & Water Injection Wells, GA, Isometric, MTO, Scope of Work & Piping Plans
- Developed mechanical detail drafting, civil support drawings and pipeline alignment sheets

Key Result Areas:

- Managed the CAD Systems (AutoCAD & MicroStation), Customization and Design Check
- Conducted Model Integrity Check & Standard Check
- Monitored & trained CAD personnel
- Conducted survey for the Flow Line / Pipeline Routes based on GPS & Making Sketches
- Examined the existing facilities at Site, checked the integrity & made sketches
- Liaised Site / Field Authorities to confirm the standards & materials

Highlights:

- Handling Projects Individually and Preparing Drawings and Co-Ordination
- Individually handled the Project and Coordinating Site Activities

PREVIOUS EXPERIENCE

Aug'97-Apr'03 with WTI Advanced Technology Ltd. (A Group of TATA Consultancy Services), Chennai as Piping Designer / CAD Coordinator

Software Used: AutoCAD 2006, MicroStation, SPR, PDS & SPPID
Team: Mechanical / Piping / Telecommunications / GIS / HVAC

Highlights:

- Successfully created Piping Drawings (2D & 3D)

Aug'96-Aug'97 SRP tools ltd. Chennai-41 as Designer / Draftsman

Jun'96-Aug'96 with Design Desk (I) Pvt. ltd, Chennai as CAD Draughtsman

EDUCATION

2010 Bachelors in Science & Engineering Technology from Birla Institute of Technology & Science, Pilani
1997 Post Diploma in Refrigeration & Air-Conditioning, HVAC from Central Polytechnic, Chennai (State Board of Technical Education & Training, Government of Tamil Nadu)
1996 Diploma in Mechanical Engineering from Central Polytechnic, Chennai (State Board of Technical Education & Training, Government of Tamil Nadu)

TRAININGS ATTENDED

- Successfully completed the following training courses:
 - H2S Awareness Course
 - Basic Fire Extinguisher
 - Fire Warden Course
 - STOP (Safety Training Observation Program by PDO)
 - AutoCAD 2000 & MicroStation
 - Intergraph SP3D Modeling & Data Integration
 - PDS Admin and Modelling
 - PDMS Admin and Modelling

PERSONAL DETAILS

Date of Birth: 19th December, 1975
Present Address: PO Box-1802, Sharjah
Languages Known: English, Tamil & Malayalam
Nationality: Indian
Passport Status: 14979114, valid till 4th November, 2023
Marital Status: Married
No. of Dependants: 3
Driving License Details: INDIA, UAE
Visa Details: RESIDENCE VISA UAE,
Permanent Address: 20B KMK STREET, KAYALPATTINAM, TUTICORIN DIST, 628204

For the details of the major projects executed, please refer to the annexure given below:

ANNEXURE

Fluor Mideast Ltd., Abu Dhabi (Only Major Projects)

Line list Etc. All Gasco TSSA Projects to prepare piping Deliverables, MTO,

Title: Weet Qurna (IRAQ) ExxonMobil
Period: 03/14-10/15

Description: During the project, involved in design development, modeling of equipment & piping in PDS. Handled MTO Checking, RFI, Extracting ISO from Model, Iso Update based on Site comments.
Update the GA Drawings, Plot Plans.

Title: JBOG Project (Qatar Gas)
Period: 01/15-10/16
Description: As-Built of All Isometrics, GA's, Plot Plans, P& ID's through Smart Plant P&ID, and other Electrical and Instrumentation Drawings

Title: NGIC Conversion Project-Gasco
Period: 07/15-02-16
Description: During the project, involved in design development, Setup of SPPID, P&ID Drafting, Setup of SP3D Database and modeling of equipment & piping in SP3D. Handled MTO extraction of Sulphur Recovery Unit and conducted squad checking of vendor drawings & other discipline drawings.

Title: Habshan 5 Bid Phase Project
Period: 10/07-12/07
Description: During the project, involved in design development, modeling of equipment & piping in SP3D. Handled MTO extraction of Sulphur Recovery Unit and conducted squad checking of vendor drawings & other discipline drawings.

Title: Integrated Gas Development Project
Period: 12/07-03/08
Description: Handled FEED stage of the project and worked as Lead Designer for existing Habshan facilities for preparing Tie-In Schedule, Piping Gad's & MTO based on existing drawings. Coordinated ongoing projects including HGCE, OGDIII & OAG. Conducted site verification for finalizing tie-in locations and routed new line in existing facilities. Liaised with Fluor Camberley Office & GASCO for deliverables. Reported weekly progress and site updates.

Title: Habshan Gas Complex Expansion Project
Period: 03/08-01/10
Description: Handled design development of U/G GRE Piping (as per vendor standards for fittings & end connections). Prepared fabrication isometrics in MicroStation and handled material take-off for GRE Piping.

Title: Qatar Gas Berth-6
Period: 08/09-01/10
Description: Handled preparation of piping modeling, drawing extraction, RDB corrections in PDS & changing of the PDS Model as per site construction support.

Dar-AL-Riyadh Engineering Consultants, Saudi Arabia

Title: Qurrayah Water Treatment Plant (Hypo Chlorinator Replacement)
Period: 01/06-05/06
Description: Study the Existing Drawings and Plan the work Schedule, Execute the project based
On clients requirments.

Title: Hawya Gas Plant (Tie-in Details)
Period: 05/06-08/06
Description: Site Survey based on Existing Drawing and Marking Tie in Location and Prepare the
Tie in Details Based on Clients Requirments

Title: Saudi Bahrain Pipeline (Alignment Sheets)
Period: 08/06-09/07
Description: Prepare Pipeline Alignment Sheets based on Subsea Surveys

Title: Saudi Aramco STP Plant (Extension)
Period: 02/07-09/07
Description: Study the Existing Drawings and Plan the work Schedule, Execute the project based
On clients requirements.

Galfar Engineering Contracting LLC -PDO Petroleum Development of OMA N

Title: Petroleum Development of Oman - DCME Contract
Client: PDO, Sultanate of Oman (please confirm)
Period: 01/03-03/04
Description: Study the Existing Drawing and carry the site survey and prepare the piping plan, PID isometric drawings, and MTO preparation

- All the Drawing Standard should follow as per SHELL Dep Standard
- Cad support to different sites and site co-ordination as cad administrator for multiple projects.
- Review of vendor dwgs, interference solution to various site problems, and identification of tie-ins, demolition line and blind points during erection.
- Preparing general mechanical/standard dwgs. structural dwgs. Such as pipe supports, skids, vessel dwgs. etc.
- At site actively coordinating with Construction Manager and Project Engineer.
- Attending to site problems & rectifying the same.
- As-building of dwgs. active involvement in tenders, estimates and proposals by compiling the information on computer applications.

Title: Petroleum Development of Oman - ODC (Off Plot Delivery Contract) S
Client: PDO, Sultanate of Oman (please confirm)
Period: 03/04-01/06
Description: Study the Existing Drawing and carry the site survey and prepare the piping plan, PID isometric drawings, and MTO preparation. Cad support to different sites and site co-ordination as cad administrator for multiple projects. Involved in the preparation of PEFSS, plot plans, piping GA, perspective views and isometric dwgs. Preparation of simplified PEFSS (on the Designer software) for operating manuals modules. Co-ordination with other disciplines for collecting input/data for developing the above packages

WTI Advanced Technology Ltd. (A Group of TATA Consultancy Services),

Title: Conversion Projects (Topography Preparation & Survey Drawings)
Description: Team Leader- Managing 10 members of CAD team and checking all drawings based on client standard drawings and client requirements.

Title: City Maps, GIS Projects and Oil & Gas Projects
Description: Team Leader- Managing 10 members of Cad Team and checking all drawings based on client standard drawings and client requirements.

- Designed drawings of different assembly by using AutoCAD software.
- Solved many operation related problems with the help of designed drawings.
- Helped junior drafter to solve their design related problems.
- Creating P&ID diagram and have a good knowledge sketching the below details Instrumentation and designations
- Mechanical equipment with names and numbers All valves and their identifications
- Process piping, sizes and identification Miscellaneous - vents, drains, special fittings, sampling lines, reducers, increasers and swaggers
- Interconnections references
- Interfaces for class changes
- Identification of components and subsystems delivered by others
- Intended physical sequence of the equipment

Design Desk (I) Pvt. ltd, Chennai

Team: Mechanical & Piping
Description: The project involved designing, modeling & drafting of Steam Turbine and preparation of bill of material.

Title: Proposal Projects
Title: EPC Projects