



# AKIF JEELANI

## ENGINEER – PIPING

### EMPLOYEMENT DETAILS

#### Worley-Kolkata

03rd January 2022 - Present- Engineer- Piping

##### Projects handled:

- H2 Green Steel
- Ashland HEC Expansion
- Blast furnace

##### Role:

- Planning of manhour for scheduled delivery of Project in 30%, 60% and 90% stage.
- Co-ordinating with Client to resolve any query arising during Project.
- Setting up the procedure to accomplish the project goal.
- Defining the discipline list of activities, list of deliverables and time schedule in accordance with contract requirement.
- Co-ordinating with other discipline lead during the project work.
- Attending internal review meeting or TPR, inter-discipline check meeting and final review meeting with the client.
- Client interaction and updation of client comment in model.
- Checking of isometrics and commenting as per GOST standard in Blast furnace project.
- Client interaction and updation of client comment in model.
- Arranging utility lines and utility station in the cast house area of Blast furnace.
- GAD extraction of Pump House area, Rack area, Cast house, Bottom cooling area.
- Extraction of Supports GADs.

### PROFILE SUMMARY

Engineer-Piping having 9+ experience in leading a design team for Piping projects in Oil and Gas, Chemical, Power, Pharma, Steel and Mining Industry seeking a challenging role in the same field for personal growth along with the development of organisation.

### CONTACT INFO

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### KEY SKILLS

Piping Layout, Plant layout, Piping arrangement drawing, isometrics, Nozzle orientation, Piping BOQ, Support drawing, Co-ordination in layout drawing with other discipline, review of vendor's design document and drawings, Correspondence and issue resolution with client and vendor, Piping design, PDMS, E3D, SP3D, ASME, EN and GOST standard, IBR regulation, LFM, ASTM, Inter disciplinary check, Design calculation -Pipi size and thickness calculation.

### KNOW-HOW

Critical Thinking

Decision-making

Problem solving

Analytical

#### Wood - Kolkata,

17th May 2021 – 31st December 2021 – Piping Engineer

##### Projects handled:

- CSL BAY 5 Implementation

##### Roles:

- Modelling of skid Piping and supports in the project.
- Assisting the Preparation of equipment (Thaw tank, bothling unit, centrifuge etc) layout of Pharma project.
- Preparation and modification of Piping layout for the optimal routing of different pipes and Preparation of MTO of complete project.
- Checking the pipe and supports modelled by Piping modelers and designers

#### Larsen & Toubro– Kolkata,

20<sup>th</sup> July 2020 – 19<sup>th</sup> April 2021 – Piping Design Engineer

##### Projects handled:

- Mansourah Massarah Gold Project, Saudi Arabia

##### Roles:

- Modelling of UG lines as per P&ID.
- Modelling of Piping in DM Plant area (Water Lines, Air Lines and Chemical Lines)
- Modelling of equipments in DM Plant (HCL, NaOH, Dosing Tanks, Degasser tower, Mixed bed, RO Module, Cartridge Filter, Regeneration Pump, Blower etc.)
- Modelling of Structures (Platform, Ladder, Cage etc)
- Extraction of GADs of UG lines and its annotation.

## TECHNICAL SKILLS

Conversant with international codes and standards such as ASTM ANSI, ASME, API, ASTM, EN, GOST etc

Familiar with layout of Power, Oil & Gas and Mining Piping and Equipments.

## SOFTWARE SKILLS

Modelling (PDMS, E3D, SP3D)  
AutoCAD  
Navisworks, SPR  
Caesar II  
Microsoft Office (Word, Excel, PowerPoint)

## LANGUAGES

Hindi (Native)  
English (Proficient)  
Arabic (Basic knowledge)  
French (Basic Knowledge)

## ACADEMIC

## ACHIEVEMENTS

Awarded **Gold Medal** for securing first rank in Mathematics.

Appreciation from DEAN of college for the Final Year Project.

## PERSONAL QUALITIES

Adaptability  
Communicator  
Team Player

## INTERESTS

Music  
Automobile  
Cinema  
Cricket

## Wood - Kolkata,

### 08<sup>th</sup> August 2019 - 10<sup>th</sup> July 2020 – Piping Engineer

Projects handled:

- Guru Govind Singh Polymer
- EL TO ZAGREB Combined Cycle Power Plant
- Solvent Desulphating Unit

Roles:

- Designing of Utility lines and extraction of their Isometrics.
- Modelling of supports in Rack and Tank area according to supports standard.
- Extraction of GADs of Rack and Tank area Supports GADs and their annotation.
- Modelling of supports in Critical and Non-Critical Lines.
- Modelling of Boiler Piping and special pipe supports.
- Preparation of Plot Plan and Line diagram according to PFD.
- Designing of piping as per P&ID and its supports modelling.
- Modelling of Equipments (Solvent Drum, Pitch Stripper, DAO Stripper, Mixer, Condenser, Pumps etc).
- Check the data consistency and clash of every line.
- Preparation of Bill of Material, Piping Layout and Equipment Layout.

## Zebec Marine Consultant and Services Pvt Ltd-Bangalore

### 06<sup>th</sup> June 2017 – 31<sup>st</sup> July 2019 – Piping Designer

Projects handled:

- MV31

Roles:

- Modelling of Piping and supports in the project
- Clash removal and consistency errors and generating Isos.
- Checking of Material and standard of component in Isometrics.
- Generating GADs.

## Engineers India Ltd (EIL)- Delhi

### 04<sup>th</sup> August 2014 – 10<sup>th</sup> May 2017 – Piping Designer

Projects handled:

- DANGOTE Refinery and Petrochemical Project

Roles:

- Equipment modeling in PDMS as per Equipment detail drawings and layouts.
- Modeling of Pipe routing in PDMS as per the P&ID, material specification and Line List.
- Modeling of Supports for critical & non-critical Lines in PDMS and following the stress engineer updates.
- Isometric Extraction in PDMS.
- Involved In internal and External Client review and updating of comments.
- Review PDMS models in Navisworks Review for Clash Checking Non - stress lines deciding support spans type of support etc.
- Checking vendor data & Civil Drawings, which related to Piping Designing.
- Involved in modeling of various critical pumps like Steam Turbine Pumps and comment to the vendor according to EIL standards and P&ID.
- Expert in modeling Utility Hose Station lines and Fire water lines as per data.

## ACADEMIC QUALIFICATION

B.E. In Mechanical Engineering-RTMNU-2014

PG Diploma In Piping Design and Engineering-EDPTI-2014

