

AFFAN RIYAZ AHMED SHAIKH

9821810897

MECHANICAL ENGG SPECIALIST IN PIPING

shaikhaffan89@gmail.com



OBJECTIVE

- To have maximum interaction with industry & it's working culture.
- To contribute in the growth of the organization along with individual growth.

EDUCATIONAL QUALIFICATIONS

- Post graduation diploma in piping engineering (SIT) (2019)
- BE in mechanical engineering with 6.32 cgpi (CSMIT) (2016-2019)
- Diploma in mechanical engineering with 71.02% (M.H.S.S.P) (2013-2016)
- SSC with 85.09% (ANZA) (2013)

TRAINING PROGRAMS

- **Primavera P6** to manage projects with maximum efficiency.
- **Piping engineering** from suvidya institute of technology (NSDC approved) to build and improve the skills required for today's industry and to have an idea of how industry works.

INDUSTRIAL VISIT

- **RCF Plant** at chembur for purpose of improving the understanding of a plant, location of its different unit and its piping.
- Ice plant at panvel

TECHNICAL SKILLS

Familiar With –

- Different interfaces of piping
- ASME B31.3 for pipe thickness and mitre bend calculations
- ASME B16.5 pipe flanges dimension and ASME B16.11 pipe fitting dimension
- Pipe fittings, special parts and their applications
- Isometrics, preparation of MTO using P&ID and Preparation of PMS
- Equipments like distillation column, heat exchangers, vertical and horizontal vessels, tanks etc.
- Reading of P&ID, preparation of line list & equipment list
- Pipe rack design calculation
- Marking of pipe supports
- Layouts including plot plan, equipment layout & tank farm.
- Nozzle orientation for static layout
- Preparation of GAD and reading of MDS
- Most commonly used piping material based on ASTM (CS, LTCS, LAS & SS)
- Selection of valves and preparation of VDS for vendor to design

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COMPUTER SKILLS

- **Auto cad** - 2D drawings and basics of 3D drawing
- **Pdms** - 3D design and modeling
- **Primavera P6**
- **Caesar-2**
- **MS OFFICE** (Basics of Excel, MS Word & MS PowerPoint)

EXPERIENCE

Company Name	-Techbridge Resource Pvt.Ltd
Designation	- Project Engineer
Duration	- Jun 2021-Dec 2021

1. Fabrication & Installation of Chemical tanks with overhead piping
(Hindalco Industries Limited (Estimated Value – Rs 45 Lakhs)

Key Responsibilities

- Planning of project to achieve maximum efficiency
- Maintaining safety guidelines during work
- Attending client meetings for prioritization of work
- Vendor Sourcing & Selections
- Preparing daily progress report for management
- Preparing bill for construction work at site

Company Name	- Sangir Pvt.Ltd
Designation	-Project Engineer
Duration	- Oct 2019-Apr 2021

1. Plant drain Project at **Kakrapar Atomic Power Plant 3&4(NPCIL) (Estimated Value-Rs 12 CR)**

Key Responsibilities:

- Planning of Daily work related activities
- Man power and Machinery Management
- Attending Client meetings and scheduling work according to their requirement
- Superviing the welding of pipes as well as erection and installation of manholes
- Keeping stock of Material at site
- Providing the required data to the production department for manufacturing

Manholes

- Providing progress report of each day and reporting it to the management
 - Preparations of bills and getting it certified from the client.
2. Fabrication and installation of PVDF pipe line at UPL in Vapi (**Estimated value-Rs 14 Lakhs**)

Key Responsibilities:

- Planning of work to achieve the target and attain maximum efficiency
 - Keeping Stock of Material at site
 - Providing Isometric drawings to welder for production of spools
 - Conducting Hydrotest of the Installed pipes and fixing the leakage
 - Preparations of bills and getting it certified from the client.
3. Successful completion of Heat Load Calculations of a Hvac System for CSMIT as **BE Project.**

Key Responsibilities:

- Coordinating with the team members.
- Assigning task to each member.
- Making Presentation about the Project.

PERSONAL DETAILS

- **DOB** - 06th November 1997
- **RELIGION** - Islam
- **MARITAL STATUS** - Single
- **LANGUAGES** - English, Hindi, Marathi.

- **HOBBIES**

- Football
- Athletics
- Listening songs and Travelling

- **ADDRESS**

Flat no-A103, Plot No B-86, Sector-23, Hemkunt Building, Seawood
Darave.
Mumbai - 400706.

PLACE - Mumbai

DATE -

SHAIKH AFFAN.