

REF NO. 0221

BE MECH

EXP 6 YEARS

SITE ENG EXP BOILER, FABRICATION PIPING

JOB PROFILE:

STRUCTURE: -

PIPING: -

PLACE :-

Making fabrication plan of structure work and Monitoring plan day to day basis .

Deal with contractor and kill the various problems of site..

Fit up checking of structure as per drawing.

Plan and assembled the fabricated structure into MODULE and PANNEL and shifted the same from fabrication yard

to erection site.

Making erection Plan and erect the same as per schedule

Work with safety

Making execution plan of job and do all activities to achieve the targets if fails to achieve then conclude the reason

behind and solve the same.

Monitoring plan day to day basis and providing the requirement of job like manpower, contractor, machinery etc.

Deal with Client and contractor and kill the various proble site.

Handling erection related machinery.

Fabrication, Erection, & testing of offsite underground and above ground pipeline.

Preparation of ISOMETRIC drawing w.r.t. G. A. Drawing.

Visual inspection and Hydro testing.

Contractors Billing as well as Company billing.

Final Reconciliation.

I hereby declare that the above- mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars

· HYDERABAD

REF NO. 0227

EXP. 8 YEARS

BE MECH

SENIOR ENGINEER – PIPING STRESS ANALYSIS

SKILLS:

Perform Static Analysis of Critical Piping System connected to Pressure Vessels.

Visual Clearance of Non-critical Piping System.

Preparation of Critical Line List as per Stress Analysis Design Basis.

Lines Connected to pumps (API 610 Check).

Tank connected piping. (API 650 check).

Turbine Lines as per NEMA SM23 Check up to 545 Deg & 191 Kg/Cm.sq.

Static Analysis of Lines subjected to Slug Flow.

Carried out various Load Case Analysis – Seismic Analysis, Wind Analysis, Hydro test and PSV analysis.

Flange Leakage Calculation (ASME Section VIII Div 3)

Trunion Failure Check (Kellogs Method).

Determining loop sizes and loop location for Process lines flare, HP and LP steamlines running on Racks.

Civil loading for entire pipe rack and other process structures.

Preparation of variable springs data sheets.

Preparation of Final Stress Analysis Documentation for Client Approval.

Pipe sizing & Material selection as per ASME Standard B31.1 & B31.3.

Familiar in studying P&ID.

Preparation of piping layouts.

Pipe wall thickness calculations, Preparation of Piping specification class.

Support span Calculation & selection of supports.

Preparation of piping support detail drawing.

Review and approval of vendor drawing.

Preparation of piping Tie-in list and pipe schedule.

PLACE MUMBAI

VSP REF NO: 0362

Mechanical Engineer

QUALIFICATION: MECH BE

EXP: 5 Years

? JOB SPECIFICATION: 20 KL, 10 KL SS Reactors, GL Reactors , 10KL ANFD'S erection and its UTILITY Pipe lines erection.

? 350TR, 200TR Air cooled chillers erection and commissioning.

? Recirculation system and Once through system AHU'S erection and commissioning.

? Preventive maintenance of PUMPS , GEARBOXES and ROLLS.

? Supervise mechanical maintenance tasks to ensure quality and safety as per planning.

? Boiler Erection and Maintenance of pressure parts and Auxiliaries.

? Alignments of Headers of pressure parts, Soot blowers, Wall blowers.

PLACE: RAJAHMUNDRY ANDHRAPARADESH

VSP REF NO: 0400

Mechanical Engineer

QUALIFICATION: MECH DIP

EXP: 8 Years

JOB SPECIFICATION: Good at Auto cad, Microstation, SP3d and SP P&ID softwares.

? Familiar with Standards & Codes.

Well versed with Piping Detailed Engineering.

? Knowledge of sp3d admin

preparation of paper spec, ISO customization, GAD

customization, Symbol customizaiton by using Caxpert,

Backup and restore

PLACE: KHAMMAM-500072

VSP REF NO: 0434

Mechanical Engineer

QUALIFICATION: MECH BE

EXP: 6 Years

1. JOB SPECIFICATION: Flapper Press-fit analysis(Automotive):

Project - type: Static

Scope : To find the structural integrity of the flapper for given maximum pressfit condition and torque load

Meshing : Used second order tetrahedral and hexa mesh to complete the model.

Role : I was the lead for this project, right from sending statement of work, discussing with the customer regarding loading and boundary conditions, delivering project report on time, I was the responsible person for all these.

Results:because of high press fit value between shaft and flapper, stresses on flapper were crossing its strength. We recommend to reduce value of press fit or to use high strength plastic.

Fatigue life Analysis(Automotive):

Project - type: Static, Durability

Scope: To find the life of the shaft and flapper for given fatigue load.

Meshing: Used second order tetrahedral and hexa mesh to complete the model.

Role : I was the lead for this project, right from sending statement of work, discussing with the customer regarding loading and boundary conditions, delivering project report on time, I was the responsible person for all these.

Results:Component endurance limit after plotting it in SN curve it showed its life is infinite.

PLACE: HYDERABAD

REF NO. 02225

BE MECH

CONCERN

Project Engineer (Piping)

EXP 4 YEARS

ROLES & RESPONSIBILITIES

TG Auxiliary equipment's piping Erection

QA/QC

Hydrant, Spray & Booster System

Erection and Commissioning Transfer Points, Conveyors, Cable Callers

Erection and Commissioning Transformers, Fuel Oil Tanks, Emergency DG House, Boiler Burners.

Deluge Valve Hydrant Valve Water Monitors

Hydrant, Spray & Booster line.

Anticorrosion treatment

Service Water & Potable Water

P & I Drawings & Modification of Drawing

FQP (Field Quality Plan).

SAFETY INITIATIVES &

Erection of High pressure piping i.e. High Pressure Drain Piping, Extraction Steam Piping, Condensate

Extraction System Piping, Auxiliary Steam Piping, Low Pressure system etc.

Erection of low pressure piping i.e. (LPDP, HPDP, OCCW, CCCW, COOLING Water Lines System) and valves V, MOV, CV, etc.)

Continuous Monitoring of and as per Erection Manual, Procedures & Drawings.

Supporting work of the (Stress Relief job card, Welder job card and Fit up Inspection).

Erection and Commissioning of Complete Firefighting System () of Whole Plant.

Of Medium Velocity Water Spray System (Of High Velocity Water Spray System

Erection Commissioning and Maintenance of , and .

Erection of Underground and Aboveground Piping of

for underground and aboveground piping.

Piping erection Different location of plant.

Review of as per Site condition.

Inspection of Erection Activities as per

Follow up with various departments such as Commercial

e,

Stores etc. in all

Project related matters and other supporting departments for the smooth execution of the Project.

Maintaining satisfactory size and schedule of pipe, rating of flanges, proper flange face & fittings.

Complete Documentation work like Billing, approval note, daily work progress report.

Organizing the resources required for execution (Manpower, Contractors, Materials and Machinery).

Preparation of Risk assessments for jobs involving life risks & make sure that all works being carried out

with safety as per the assessment norms.

Ensuring proper LOTTO (Lockout & Tag Out) System & PTW (Permit to Work) being applied before

executing maintenance tasks.

Impart and ensure thorough knowledge of Safety practices, safety tagging system, first aid and fire fighting

systems among maintenance/ execution persons.

Conduct regular tool box talk & PPE's inspection among workmen's.

Regular participation in safety meetings to resolve safety issues raised at execution site.

Perform Root Cause analysis (RCA) of equipment / machinery breakdowns and safety incidents, if any.

Date:

PLACEAP

Hydro Test & Alkali Flushing of HP Heaters, LP Heaters, DE aerator, and its Related Piping.

Verification and certification of quantities of RA Bills / Final bills submitted by the contractor .