

## **CURRICULUM VITAE**

### **BHARAT RAJVANSHI**

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#### **OBJECTIVE:**

To work as a **Mechanical Piping Engineer** for a team-oriented company who has challenging projects, good work ethics, and wants a dependable hard working person to join them.  
My design experience and willingness to learn can contribute to your success.

#### **TOTAL EXPERIENCE : 23 + YEARS**

<b>(A) M/s VIBRANT SYSTEMS &amp; SECURITIES LTD. :</b> <b>BARODA - GUJARAT, INDIA</b>	Date of joining : 01 <sup>st</sup> August-1996 Date of leaving : 30 <sup>th</sup> June – 1997 Designation: Piping Designer
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#### **EXPERIENCE:**

- Preparation drawing from Hard copies to AutoCAD soft copies, like Piping layout Drawings & Isometric of Piping for various type of GNFC refinery project.

<b>(B) M/s JORD ENGINEERS INDIA LIMITED.:</b> <b>BARODA - GUJARAT, INDIA</b>	Date of joining : 3 <sup>rd</sup> Oct- 1997 Date of leaving : 4 <sup>th</sup> Feb. – 2006 Designation: Mechanical Designer
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#### **EXPERIENCE:**

- Preparation details drawing of Inter Connecting Piping Drawings, Structural Drawings for various Equipment -Vacuum Drum Filter & Clarifier with its Accessories for Sugar Industries.
- Preparation & Checking of GA & detail drawing of various type of Pressure vessels, Heat exchangers & Column for Refinery Project.
- Checking Piping routing and MTO
- Preparation & Checking of various types of Drawings like General Arrangement Drawings, Piping layout Drawings & Isometric of Piping for various type of refinery project.
- Preparation details drawing of Air Cooled Heat Exchangers with entire steel structural, Details of Reactor Effluent Compressor & Steam Condenser with support structural for various type of refinery project
- Preparation of Bills of Material for various Assemblies and Sub-assemblies.

- Responsibility for checking of various drawings of draughtsman's.
- Preparation Preliminary & Detail Estimation & Costing of various Equipment & its Structure.
- Familiar with Code and Standards like ASME B16.5, B16.11, B16.9, B31.3 Other Valve and Piping fitting

**(C) M/s PARAMOUNT LIMITED.:**  
**BARODA - GUJARAT, INDIA**

Date of joining : 10<sup>th</sup> April - 2006  
 Date of leaving : 30<sup>th</sup> Nov. - 2006  
 Designation: Mechanical Designer

**EXPERIENCE:**

- Preparation & Checking of various types of Drawings like General Arrangement Drawings, Piping layout Drawings & Isometric of Piping for various type of refinery project.
- Piping routing studies and MTO
- Preparing and reviewing equipment layouts / Piping GAD / isometrics / Nozzle orientation
- Responsibility for checking of various drawings of draughtsman's.
- Clash check comment incorporation

**(D) M/s JORD INTERNATIONAL PVT LTD. :**  
**BARODA - GUJARAT, INDIA**

Date of joining : 4<sup>th</sup> Dec - 2006  
 Date of leaving : 14<sup>th</sup> August. - 2008  
 Designation Mechanical Piping Engineer/Checker

**EXPERIENCE:**

- Responsibility for checking of various drawings of Draughtsman/Designer
- Checking of various types of Drawings like General Arrangement Drawings, Piping layout Drawings, Piping Hookup drawings & Isometric of Piping for various type of refinery project.
- Checking Piping routing as per the P&ID and MTO
- Checking to Designing of Utility stations and utility piping for the Process area
- Checking Tie in Points Co-ordinates with existing GAD.
- Utility Piping, Water Injection System Piping
- Checking Piping layout for utility service, process lines, open and closed drain systems
- Checking detailed drawings and BOM for the pipe supports
- Checking Updating of site queries and generation of as-built drawings
- Checking Equipment modeling as per equipment detail drawings and layouts reactor, compressor areas, heat exchanger.
- Checking Skid piping GAD/ Piping layout & Isometric drawings.

- Checking client's specification, their calculation, Related Vendor drawings.
- Checking Line list, Instrument list, P & id, Client's Material specification,
- Checking Process Flow diagram, Instrument drawing/catalogues/Data sheet of vendor & make finalize for the piping & Equipments
- Checking Equipments layout, Nozzles Orientation of the Equipments & make finalize of piping routing.
- Checking Revision modification of piping Isometric.
- Piping routing studies and MTO
- Checking As-Built & Bill of Material of piping Isometric.
- Preparing and reviewing equipment layouts / Piping GAD / isometrics / Nozzle orientation
- Modeling of piping and equipment review in 3D environment
- Checking calculation of piping Aliment coordinates in Isometric.
- Checking Isometric and yellow line auditing.
- Co-ordinate with client/ fabricators for Attending and resolving site queries
- In advance, Pressure drop calculation & pipe thickness calculation for skid piping.
- Departmental co-ordination with civil, Mechanical, Instrumentation, process, and Operation.
- Familiar with Code and Standards like ASME B16.5, B16.11, B16.9, B31.3 Other Valve and Piping fitting
- Checking of GA & detail drawing of various type of Pressure vessels & Column for Refinery Project.

(E) M/s TARGET ENGINEERING LLC. :  
ABU DHABI, UAE.

Date of joining: 21<sup>st</sup> August - 2008  
Date of leaving : 20 August. -2009  
Designation: Mechanical Piping  
Engineer

**PROJECT:**

- **Offshore Associated Gases project Package-1 for ADGAS REFINERY, DAS ISLAND, ABU DHABI, UAE**

**EXPERIENCE:**

- Checking Plot plan, Equipment layout, & Piping rack layout
- Preparing and reviewing equipment layouts / Piping GAD / isometrics / Nozzle orientation
- Checking Piping routing as per the P&ID and MTO
- Checking to Designing of Utility stations and utility piping for the Process area
- Checking Tie in Points Co-ordinates with existing GAD.

- Utility Piping, Water Injection System Piping
- Checking Piping layout for utility service, process lines, open and closed drain systems
- Checking detailed drawings and BOM for the pipe supports
- Checking Updating of site queries and generation of as-built drawings
- Checking Equipment modeling as per equipment detail drawings and layouts reactor, compressor areas, heat exchanger.
- Preparing Piping Isometric in AutoCAD & Micro station.
- Weld map of piping Isometric.
- Modeling of piping and equipment review in 3D environment
- Revision modification of piping Isometric.
- As-Built & Bill of Material of piping Isometric.
- Calculation of piping Aliment coordinates in Isometric.
- Checking Isometrics & Hookup drawings with yellow line auditing.
- Clash check comment incorporation
- Attending and resolving site queries.
- Reviewing of vendor drawings, 3D model, isometrics and piping & Marked comments
- Routing of underground piping considering service and accordingly selecting slope.
- Departmental co-ordination with civil, Mechanical, Instrumentation, process, and Operation.
- Familiar with Code and Standards like ASME B16.5, B16.11, B16.9, B31.3 Other Valves and Piping fitting.

**(F) M/s JORD INTERNATIONAL PVT LTD.:**

**BARODA - GUJARAT, INDIA**

Date of joining : 2<sup>ND</sup> March – 2010

Date of leaving : 30<sup>TH</sup> July - 2021

Designation: Mechanical Engineer/Checker  
(Equipments/ Piping)

**EXPERIENCE:**

- Responsibility for checking of various drawings of Draughtsman.
- Checking of various types of Drawings like General Arrangement Drawings, Piping layout Drawings & Isometric of Piping for various type of refinery project.
- Checking Revision modification of piping Isometric.
- Checking Piping routing as per the P&ID and MTO
- Checking to Designing of Utility stations and utility piping for the Process area
- Checking Tie in Points Co-ordinates with existing GAD.
- Utility Piping, Water Injection System Piping
- Checking Piping layout for utility service, process lines, open and closed drain systems

- Checking detailed drawings and BOM for the pipe supports
- Checking Updating of site queries and generation of as-built drawings
- Checking Equipment modeling as per equipment detail drawings and layouts reactor, compressor areas, heat exchanger.
- Checking As-Built & Bill of Material of piping Isometric.
- Preparing and reviewing equipment layouts / Piping GAD / isometrics / Nozzle orientation
- Modeling of piping and equipment review in 3D environment
- Checking calculation of piping Aliment coordinates in Isometric.
- Checking Isometrics & Hookup drawings with yellow line auditing..
- Co-ordinate with client/ fabricators for Attending and resolving site queries
- Reviewing of vendor drawings, 3D model, isometrics and piping & Marked comments
- In advance, Pressure drop calculation & Pipe thickness calculation for skid piping.
- Departmental co-ordination with civil, Mechanical, Instrumentation, process, and Operation.
- Familiar with Code and Standards like ASME B16.5, B16.11, B16.9, B31.3 Other Valve and Piping fitting.
- Checking of GA & detail drawings of various type of Pressure vessels & Column for Refinery Project.

**In advance, Twice Visited to China's shop of Jord international company for the Erection commissioning & installation inspection to Manufacturing job comply with design engineering for a One Year.**

(G) M/s L&T CHIYODA LIMITD  
L&T KNOWLEDGE CITY.  
BARODA - GUJARAT, INDIA

Date of joining : 14<sup>th</sup> August –2021  
Date of leaving : 31<sup>TH</sup> Jan -2022  
Designation: : Mechanical Piping Engineer

**PROJECT : WORKED IN GOLDEN PASS LNG PROJECT (TEXAS, USA)**

**EXPERIENCE:**

- Responsibility for checking of various drawings of Draughtsman.
- Checking of various types of Drawings like General Arrangement Drawings, Piping layout & Key plan Drawings & Isometric of Piping for various type of refinery project.
- Checking Revision modification of piping Isometric.
- Checking Piping routing as per the P&ID and MTO
- Checking to Designing of Utility stations and utility piping for the Process area

- Checking Tie in Points Co-ordinates with existing GAD.
- Utility Piping, Water Injection System Piping
- Checking Piping layout for utility service, process lines, open and closed drain systems
- Checking detailed drawings and BOM for the pipe supports
- Checking Updating of site queries and generation of as-built drawings
- Checking Equipment modeling as per equipment detail drawings and layouts reactor, compressor areas, heat exchanger.
- Checking As-Built & Bill of Material of piping Isometric.
- Preparing and reviewing equipment layouts / Piping GAD / isometrics / Nozzle orientation
- Modeling of piping and equipment review in 3D environment
- Checking Calculation of piping Aliment coordinates in Isometric.
- Checking Isometrics & Hookup drawings with yellow line auditing.
- Co-ordinate with client/ fabricators for Attending and resolving site queries
- Reviewing of vendor drawings, 3D model, isometrics and piping & Marked comments
- In advance, Pressure drop calculation & pipe thickness calculation for piping.
- Departmental co-ordination with civil, Mechanical, Instrumentation, process, and Operation.
- Familiar with Code and Standards like ASME B16.5, B16.11, B16.9, B31.3 Other Valve and Piping fitting

**(H) AL RAHA MECHANICAL EQUIPMENT**

**COMPANY W.L.L. ABU DHABI, UAE**

Date of joining : 21<sup>th</sup> Feb – 2022

Date of leaving : 21<sup>TH</sup> May -2022

Designation : Mechanical Piping Engineer

**PROJECT : WORK FOR ADNOC REFINERY AT ABU DHABI, UAE**

**EXPERIENCE:**

- Responsibility for checking of various drawings of Draughtsman.
- Checking of various types of Drawings like General Arrangement Drawings, Piping layout & Key plan Drawings & Isometric of Piping for various type of refinery project.
- Checking Revision modification of piping Isometric.
- Checking Piping routing as per the P&ID and MTO
- Checking to Designing of Utility stations and utility piping for the Process area
- Checking Tie in Points Co-ordinates with existing GAD.
- Utility Piping, Water Injection System Piping
- Checking Piping layout for utility service, process lines, open and closed drain systems

- Checking detailed drawings and BOM for the pipe supports
- Checking Updating of site queries and generation of as-built drawings
- Checking Equipment modeling as per equipment detail drawings and layouts reactor, compressor areas, heat exchanger.
- Checking As-Built & Bill of Material of piping Isometric.
- Preparing and reviewing equipment layouts / Piping GAD / isometrics / Nozzle orientation
- Modeling of piping and equipment review in 3D environment
- Checking Calculation of piping Aliment coordinates in Isometric.
- Checking Isometrics & Hookup drawings with yellow line auditing.
- Co-ordinate with client/ fabricators for Attending and resolving site queries
- Reviewing of vendor drawings, 3D model, isometrics and piping & Marked comments
- In advance, Pressure drop calculation & pipe thickness calculation for piping.
- Departmental co-ordination with civil, Mechanical, Instrumentation, process, and Operation.
- Estimation for the project to the cost material.
- Familiar with Code and Standards like ASME B16.5, B16.11, B16.9, B31.3 Other Valve and Piping fitting

## **PAST WORKED IN PROJECT :**

### **1) GE ELECTRIC INTERNATIONAL INC.**

For the Water wash Skid, Injection water wash skid, Fuel gas Absolute Separator Skid, Anticing Skid & Vaporizer Skid for combined cycle power plant.

### **2) HTAC PROJECT**

For Gland steam condenser for air cooled steam condenser.

### **3) PROJECT- 9.5 KW KESC KORANGI POWER PLANT- PAKISTAN**

For Air compressor Turbine Condenser system.

### **4) TMD PROJECT- FOR MITSUBISHI HEAVY INDUSTRIES LTD**

For Air cooled Condenser system.

### **5) 2.87 MW BIOMASS FIRED POWER LTD., 800 SUPER HOLDING LTD.**

For GAC & MHF Plant

### **6) LDC SAVANNAH SUGAR REFINERY. USA**

For Crystalliser Feed System – Kwinana Nickel Refinery.

**7) POWDER LEACH NICKEL SULPHATE PLANT**

For Crystalliser Feed System

**8) KSP RENEWAL PROJECT- SUGAR POWER PLANT**

For GAC Decolourisation Plant.

**9) INTERGRATED PETROCHEMICAL COMPLEX AND INFRASTRUCTURE  
KAZAKHSTAN PERTOCHEMICAL INDUSTRIES INC. LLP.**

For Air cooled Heat Exchanger

**10) HAWIYAH GAS PLANT EXPANSION PROJECT**

For Condensate Air cooler System

**11) NAVAL STATION GUANTANAMO BAY  
SIEMENS ENERGY INC. PROJECT**

For Air cooled condensate system

**12) MSM SUGAR REFINERY (JOHOR) SDN BHD**

For GAC Decolourisation Plant.

**13) ALBEMARLE KEMERTON PLANT**

For Causticization Evaporator CE seal Water System.

**14) NICKEL SULPHATE PROJECT**

For Nickel Sulphate Crystallization Plant.

**15) HELLENIC MINERALS MINING LTD**

For Nickel Sulphate Crystallization Plant.

**16) MARLIM FILEDS DEVELOPMENT PROJECT- PETROBRAS  
FPSO ANNA NERY.**

For Test separator, PW collection vessels, PW Hydro cyclone, IGF Vessels, Closed drain Drum  
& 1<sup>st</sup> Stage & 2<sup>nd</sup> Stage Degasser

**17) WHEATBELT NORTHERN GOLDFIELDS INTERCONNECT (NGI) PIPELINE PROJECT**

For Dust filter & Dry Gas Filter

**18) AMBANIA COMPRESSOR STATION**

For Dust filter & Dry Gas Filter

**19) SAUDI ARAMCO**

For the Hydrocarbon plant



## **20) RELIANCE INDUSTRIES PROJECT**

For the Oil & Gas Plant

## **21) ADNOC REINERY, ABU DHBI, UAE**

For the Oil & Gas Plant

### **PROFESSIONAL QUALIFICATION:**

- Degree: **Bachelor Engineering. (First class with Distinction)**
- Discipline: **Mechanical.**
- Collage: **M. S. University, Gujarat State, Baroda city, India.**

### **COMPUTER SKILLS :**

OPERATING SYSTEMS: Windows 10/NT/2000/XP  
M.S. Office - Word, Excel.  
Advance Certificate Programmed in **CAD** in Design & Manufacturing,

Name of the Institute : **ROSHANI COMPUTER SERVICES,**  
Gujarat state, Baroda city, India

Duration : 6 Months

Software covered : Autocad-2D & 3D, Inventor, Navisworks 3D viewer, Solids works

### **PERSONAL DETAILS:**

Date of Birth : 18 July 1978

Gender : Male

Marital Status : Married

Nationality : Indian

Religion : Hindu

Languages Known : Gujarati, Hindi, and English

Hobbies/Interests : Reading books, Traveling, Playing Chess & Listening  
Music, Dancing.

Strengths : Ability to Work under Pressure Strong willingness  
to learn new skills. Positive Attitude and determination  
Confidence and patience

Permanent Address : 22/A, Suryoday Nagar Society,  
B/h, Maikrupa Society,  
Near Roses Garden,  
Chhani road. Baroda District - 390 002  
Gujarat State - India.

Passport No. : M0181050  
Date of issue : 14/07/2014  
Date of expiry : 13/07/2024  
Expected CTC : Negotiable

**I, hereby assure that the information given above is correct and to the best of my knowledge.  
Looking forward eagerly for a favorable reply.**

**(BHARAT RAJVANSHI)**  
Signature of Applicant