**CURRICULUM VITE**

**Name:** Tarun Kumar Das

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 **INDIA**

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**Qualifications:** D Mach in 1991

**IT Skills:** Auto CAD, PDMS, PDS,E3D,SP3D and LFM Equipment Modelling, Piping Modelling, Support Modelling, Isometric Extraction, Clash checking, SPR, Navis Works

**Minimum time to join: 7 Days**

**Experience: Over 24 Years’ of experience (Design in 24 years and site in 5 year’s)** in the field of Piping for Oil & Gas, Refinery and Petrochemical Projects. Responsibilities include preparation of Plot Plan, Equipment layout, Piping Layout, Selection & Arrangement of Pipe Support, Review of Model in SPR and NavisWorks, Modelling of Piping, Equipment & Support in PDS, isometric extraction and checking, Preparation of Preliminary and Final MTO, Equipment Vendor Drawing Review, Interface Checking, etc. I had worked in Power Plants and Paper Sector.

Details of Projects worked in, are as below**:**

**Avenir Engineering Company –Abu Dhabi**

**Position: Senior Piping Designer**

**From Jan 2021 to April 2021Client: ADNOC**

Preparation of equipment layout and piping layout in PDS of Pig Launcher Area and review the model In Naviswork, extracted the piping isometric drawing from PDS and piping isometric drawing from PDS and piping isometric drawing. Checking with P&ID for issued for Model review. Attend the Model review with clients by MS Teams.

**Avenir Engineering Company –Abu Dhabi**

**Position: Senior Piping Designer**

**From May 2021 to till date 2021 Client: ADNOC**

**As built Project NGL Terminal3**

**Piping and structure and pipe support modelling in SP3D with help the LFM (3D Scanning)**

**Toyo Engineering India Pvt. Ltd-Mumbai**

**Position: Senior Piping Designer at Baruni Refinery**

**From Jan2019 to Dec.2020**

This project basically site design based job at Baruni Refinery. Identified the TIE-IN

Location at site and preparation the new tie-in Line piping route and preparation the Tie-in

Isometric and feasibility checking of New Proposed Pipe Rack and send the input to us

Design Head office

**Amec Foster Wheeler Wood Plc**

**Position: Piping Checker**

**From April 2016 to Dec.2018**

**Project: KNPC (Feed)**

Preparation of equipment layout and piping layout in SP3D and review the model

In SPR extracted the piping isometric drawing from SP3D and piping isometric drawing

Checking with P&ID for issued for construction

**Project: Valero Refinery- DCC Unit**

Preparation of equipment layout and piping layout in SP3D and review the model

In SPR extracted the piping isometric drawing from SP3D and piping isometric drawing

Checking with P&ID for issued for construction

**Project: Zeeland Refinery**

Preparation of equipment layout and piping layout in SP3D and review the model

In SPR extracted the piping isometric drawing from PDS and piping isometric drawing

Checking with P&ID for issued for construction

**Amec Foster Wheeler India Private Limited**

**Position: Lead Piping Designer**

**From June 2015 to March 2016**

**Project: Hydrogen Purification Unit**

**Client PRAXAIR**

Piping, Equipment and Pipe support modelling by SP3D Model review with Client, Preparation of line shoot drawing & Nozzle Orientation plan with Micro station

**JACOBS ENGINEERING INDIA PVT LTD.**

**Position: Senior Piping Designer**

**From Nov. 2014 to May 2015**

**Project: Merox and LPG extraction unit**

Piping, Equipment and Pipe support modelling by PDMS and E3D Model reviewby SPR and Piping isometric drawing, Attend Model review with Client, Preparation line shoot drawing with Micro station, preparation Nozzle Orientation planetc..

**CHIYODA ALMANA ENGINEERING LLC – QATAR (DOHA)**

**Position: Senior Piping Designer**

**From Nov. 2012 to Oct. 2014**

**Qatar Chemical Company Engineering LLC, Qatar- Doha**

Deputation through Chiyoda Almana Engineering LLC. Long term assignment at Client’s site office. Piping layout modification as per site condition and new line addition as per Process requirements, preparation of piping isometric & pipe support marking. Model review by SPR

**Abu Dhabi Gas Company**

**LNG Plant – Deputation at DAS ISLAND Abu Dhabi**

Preparation of piping G.A drawing with site visit and preparation tie-in drawing, Support marking, preparation of special pipe support with Bill of materials

Model review by SPR and create tag and resolve.

**JACOBS ENGINEERING INDIA PVT LTD.**

 **Position: Senior Designer - Piping**

 **From Oct. 2011 to Oct. 2012**

#### Jindal Steel & Power Ltd. (India)

#### Iron ore Palletizing Plant at Barbell, Odessa

#### From .May 2012 to Oct 2012

Preparation ofLine shoot drawing and Isometric Drawings with Micro station; Pipe support marking on GAD: Preparation of special pipe supports sketch, Civil Information drawing, Mechanical information drawings, Nozzle orientation drawing etc.

#### Sham Steel Industries Ltd. (India)

#### 1,200,000 TPA Iron ore Pelletizing Plant

#### From .Oct. 2011 to May 2012

Preparation line shoot drawing, Isometric Drawings with Micro station, special pipe supports sketches. Pipe support marking on GAD. Preparation of Civil Information drawing, Mechanical information drawings, Nozzle orientation drawing etc.

**Nui Phao Mining Project –Australia**

Piping & support modelling in PDMS, Equipment Modelling, Conveyor & Chute modelling, Clash checking with Navis Works, Attend Model review with Client.

**Foster Wheeler Bengal (P) Limited, Kolkata**

**Position: Senior Designer - Piping**

**From June 2011 to Sep 2011**

#### Reliance Petrochemical Ltd. (India)

**Jamnagar Refinery**

 **From June. 2011 to Sep 2011**

Study of Plot Plan of SRU (Sulphur Recovery Unit) and Preparation of Piping Model, Equipment, Pipe Supports and Preparation of Nozzle Orientation Drawing etc. Cash checking with SPR.

**Foster Wheeler India (P) Limited, Kolkata**

**Position: Senior Designer - Piping**

**From January 2007 to May 2011**

#### Raps Tanura Integrated Project (Saudi Arabia)

**From Sept. 2010 to Feb2010**

Preparation of line shoot drawing & Isometric Drawings with Micro station, Pipe support marking on the GAD & prepare special pipe supports sketches. Preparation of Civil Information drawing, Mechanical information drawings, Nozzle orientation drawing etc.

#### Foreign Assignment at SASOL South Africa

**From March 2010 to Augst.2010**

Preparation of Piping Layout and Isometric Drawings by Micro station, Pipe support marking on GAD and prepare special pipe supports sketch. Preparation of Civil Information drawing, Mechanical information drawings, Nozzle orientation drawing etc.

**Indian Oil Corporation Ltd. – Para deep Refinery (Orissa)**

Study Plot Plan of SRU (Sulphur Recovery Unit) and Preparation of Piping Model, Equipment Model, Pipe Supports Model and Preparation of Nozzle Orientation Drawing etc. in PDS.

#### Foreign Assignment at PETRONAS Refinery Company- Melaka (Malaysia)

**From March 2009 to May 2009**

Preparation of Piping Layout, Isometric Drawings by Micro station, Pipe support marking on GAD Preparation of special pipe supports sketches, Civil Information drawing, Mechanical information drawings, Nozzle orientation drawing etc.

**LNG Pluto Project – Australia**

**From November 2008 to February 2009**

Cheeking of Isometric drawings, pipe supports, MTO. Checking of model review by SPR.

**PETRONAS Refinery Company- Melaka (Malaysia)**

**From August 2008 to October 2008**

Piping & Equipment Modelling of SRU. ID check with Civil Drawing. Mechanical Vendor Drawing checking etc.

#### Foreign Assignment at PETRONAS Refinery Company- Melaka (Malaysia)

**From May 2008 to July 2008**

**Site Design Office at Petronas refinery Malaysia**

Piping GAD review with client MRC (Malaysian Refinery Company) and resolve problem of Piping layout by line routing change and prepare pipe supports sketch and feed back to India office.

#### Mania AH Crude Project – Saudi Armco

**From January 2007 to April 2008**

Responsible for Preparation of Piping Layout & Piping Modelling, Equipment Modelling IN PDS of TEG area, Isometric Extraction, Clash Check etc.

**Toyo Engineering India Ltd. Mumbai**

**Position: Designer - Piping**

**From December 2003 to December 2006**

**BPCL Project LOBS, Mumbai**

Responsible for Preparation of Piping Layout, Isometric & MTO Checking, Pipe Support marking on

GADs, Support Design & 3D Model checking with SPR

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#### Butadiene Project of Reliance Industries Ltd, Hazira

Responsible for Preparation of Piping Layout, Isometric & MTO Checking, Pipe Support marking on GADs, Support Design & 3D Model checking with the help of Smart Plant Review (SPR)

**ISO Propel Alcohol project of Deepak Fertilisers and Petrochemicals Ltd. At Mumbai**

Responsible for Preparation of Piping Layout, Isometric & MTO Checking, Pipe Support marking on GA Drawings, Support Design & 3D Model checking with SPR

**SRU Project of HPCL at Visage Refinery**

Responsible for Preparation of Piping Layout, Isometric & MTO Checking, Pipe Support marking on

GADs, Support Design & 3D Model checking with SPR

**Development Consultants Ltd. Kolkata**

**Position: Designer - Piping**

**From March 1991 to November 2003**

**Gujarat Oil Refinery, Baroda**

Responsible for Preparation of Piping Layout, Isometric & MTO checking, Pipe Support marking on GADs, Support Design etc

**Haldia Petrochemical – 420KTA Naphtha Cracker Plant, Haldia, India,**Responsible for Preparation of Piping Layout, Isometric drawing, Critical pipe isometric for IBR, Preparation of Pipe Support Arrangements & Detail Drawings, and Co-ordination with Civil & Electrical disciplines and interface checking etc.

**700KTA Naphtha Cracker Plant of Reliance Industries Ltd, Hazira**

Preparation of Piping Layout, Isometric Drawing, Critical pipe isometric for IBR. Preparations of Pipe Support Arrangements & Detail Drawings, Coordination with Civil & Electrical disciplines and interfaces checking in following areas: Steam Piping, Ethylene Piping, Acid Piping,

C4 Hydro-Generation Plants

**Reliance Petro Chemicals Ltd -Jamnagar Refinery, Gujarat (India)**

Preparation of Piping Layout, Isometric Drawing, Critical pipe isometric for IBR. Preparations of Pipe Support Arrangements & Detail Drawings, Coordination with Civil & Electrical disciplines and interfaces

Checking.