

CURRICULAM - VITAE

Neeraj Kumar Tiwari

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Objective: - Aim to be associated with a reputed organization in Mechanical industry.

Technical Skills

- 1- PFD and P&ID
- 2- Equipment drawings
- 3- Plot plan
- 4- Process plant layout
- 5- Piping Welding, Erection & Testing

Software Skills

<u>PDMS-Modular</u>	Equipment's Modelling
	Piping Modelling
	Draft
	Iso Draft
<u>PIPING</u>	AUTOCAD
<u>Computer</u>	Microsoft Word, Microsoft Excel, PDMS

Familiar With Viz-ASME/ANSI, API, BS, ASTM & there use in Design, analysis and Calculation PDMS 12.5 with MS Excel. International Design codes & Dimensional Standers,

Piping Exp. Skills- Proficient in Preparations of G.A. and Isometrics Based on P&ID and plant lay.

- ❖ Piping Materials Selection/Specification/Valve Data Sheet.
- ❖ -Presser design of Process piping and components as per ASME B 31.3(Pipe,Flange,Elbow and Miter Bends, Blanks Flange, Bland Flange,Expension Joints
- ❖ -Supervision of piping & Material Equipment Erection, Fabrication, Testing & Commissioning
- ❖ -Piping welding, Erection & Testing

Core Competencies-

IN PDMS WORK-

- 1) **Equipment Modeling**
- 2) **Piping Modeling**
- 3) **Run and Make Isometric Drawing**
Extra Knowledge
- 4) **Piping Fabrication and Erection.**

Details of experience are described below:-

- 1) **Reliance Refinery Jamnagar.**
- 2) **Guru Govind Singh Refinery.**
- 3) **Tecnimont ICB**

4) Mars India chocolate Pune.

Vendor Management Skills:

- I. Financial Analysis of Quotation.
- II. Performance Analysis of Vendor.
- III. Quality Analysis of Material/Equipment.
- IV. Negotiation with Vendors.
- V. Time Management as per schedule.

Current Work Experience

- **Coperion Ideal Pvt. Ltd.** – In Install of Fully Pneumatic Conveying plant in Refinery, Chemical and Food Industry.

Design Engineer Mechanical – 09/20011 to Till Date.

Coperion is the worldwide market and technology leader in compounding & extrusion, materials handling and service - as well as being a partner for global corporations and small to medium-sized enterprises in the plastics, chemicals, and food and aluminum industries. Total Solution of Pneumatic Conveying plan install AS **Project Work in Oil and Gas Chemical Plastic and Cement Factory.**

SOFTWARE PROFILE:

Attended training programmed for PDMS. SAMPLE

(Modules: DESIGN, DRAFT, ISODRAFT, EQUIPMENT, STRUCTURAL) Conducted bySAMPLE AVEVA solutions Ltd.

Equipment modeling

Piping modeling

Project-Vietnam Refinery,

Project- LDPP & HDPP Plant.

Company Name-

- 1) Reliance Refinery Jamnagar.
- 2) Guru Govind Singh Refinery.
- 3) Tecnimont ICB
- 4) Mars India chocolate Pune.

Piping Design Experience:-

Live 3D modeling of piping lines for various services (i.e. process, utilities, vent, drains, etc.)

- ❖ Live 3D modeling of pipe support for critical & non-critical lines
- ❖ read isometric drawings with MTO & Supports and work accordingly
- ❖ Familiar with International Design code like ASME, ANSI, API
- ❖ Review/check piping deliverables for Piping GA's, Isometric, Pipe Supports and Hook-Up Drawings.
- ❖ Check the 3D model for design layout discrepancies
- ❖ Make MTO of Piping
- ❖ Check and resolved the 3D model for clash items.
- ❖ Experience in PDMS Design, Draft, and Isodraft.
- ❖ Administered layout and detail design of facilities from PFD's and P&ID's.
- ❖ All type Equipments Modeling with PDMS Software
- ❖ Piping Modeling With PDMS & Run and Make Isometric.
- ❖ Processed modeling of equipment, piping and access ways.
- ❖ Prepared isometrics for checking and following P&ID's.
- ❖ Ensured to check isometrics and other piping drawings
- ❖ Familiar with software packages like windows, MS Word, EXCEL.
- ❖ Familiar in preparing Material Specifications & Valves and Special parts & Data sheets.
- ❖ Familiar with software packages like windows, MS Word, EXCEL.
- ❖ Familiar with AutoCAD

Past Organizational Experience

- **Grand Prix Engineering Pvt. Ltd.** - (Static Equipment Manufacturing)
Engineer Mechanical (Design) – 03/2008 to 08/2011.

Grand Prix is an ISO: 9001 accredited organization and also authorized to use ASME 'U' & U-2 stamp and approve to EIL It's Working in OIL & GAS Sector, Refineries, Petrochemicals, Chemicals, Power, and Steel & Cements etc. It is manufacturing all types' static equipment and Process piping work.

Strainers Coalesces 2-Ph & 3-Ph Separators
Skid Systems Silencers Pressure Vessels

Job Responsibility:

- 1) Study of General Arrangement drawings
- 2) Administered layout and detail design of facilities from PFD's and P&ID's.
- 3) All Preparation of Equipment Modeling using Mechanical Data Sheet (M.D.S) in PDMS.
- 4) Piping Modeling With PDMS & **Run and Make Isometric.**
- 5) Nozzle Orientation and arrangement drawing preparation.
- 6) Conversant with International codes and standards-ASME, AISI, ASTM, API
- 7) Processed modeling of equipment, piping and access ways.
- 8) Prepared isometrics for checking and following P&ID's.
- 9) Ensured to check isometrics and other piping drawings.
- 10) Make Isometric Drawing with MTO.
- 11) Iso extraction using Iso draft module.
- 12) Preparation of the GAD using draft modeling in PDMS.

- **SKS Mach Engineering Pvt. Ltd.** - (Hydraulic Equipment manufacturing)
Service and Vendor Development Engineer - 08/2005 to 02/2006.
Sales & Service Engineer (Machine Hydraulic In sugar Plant)-02/2006 to 04/2008

Job Responsibility:

- ❖ Man power distribution on various jobs based on the urgency to achieve the target date
- ❖ Maintain discipline on shop floor and address immediate personnel problems.
Ensure all action taken on Near miss occurrences.
- ❖ Ensure achievement of production targets and adherence to quality systems
- ❖ Verification of daily production record.
- ❖ Review of fabrication Drawing based on welding, Quality and fabrication aspects
- ❖ Short out the problem of manufacturing coordinating with other departments as require
- ❖ Responsible for the inventory control
- ❖ Work out on customer complaints and take corrective actions to avoid such complaints in future.
- ❖ Daily communication with test field engineers and follow up with them to get the on time delivery of products.
- ❖ Discuss major constraints related to quality and material shortages in daily board meeting.

Qualifications

Qualification	University	Completed
<i>Diploma (Mechanical)</i>	Kanpur polytechnic	2006
<i>Graduation of Science</i>	C.S.G.M University Kanpur (U.P)	2002
<i>Auto Cad Certificate</i>	Kanpur Institutes	2007
<i>(PGADP)PDMS Software</i>	Delhi	2013
<i>Hydraulic and Pneumatic Certificate</i>	Kanpur Institutes	2007
<i>ASNT LEVEL II Certificate (NDT)</i>	Delhi	2015

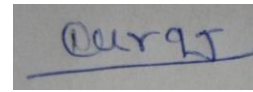
Personal Vitae – Neeraj Tiwari

Nationality	Indian
Passport No.	H-0181112
Present address	Village Chalera, Gali No.-1, Sector-44, Noida (U.P.) India.
Permanent Address	1081/2 Rajeev Vihar Naubasta, Kanpur, Uttar Pradesh – 208021
Date of Birth	20-10-1982
Language Known	English & Hindi

Declaration: I hereby declare that all above information is true to best of my knowledge and faith

Date:

Place:



(Neeraj Tiwari)