

Pravin Vaghela

Permanent Address:

**3, Ishwar Krupa Society Part-2, Near, Motera Stadium,
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Career Objective:

A self-motivated and Solution-oriented Mechanical Engineer with 4 year of experience in Design and drafting with Industry leaders in rotating equipment's domain. I have spent more than 2 years as Team Mentor to create strong customer base by creating competency to execute complex design projects for multidimensional and multicultural teams. I am a quick learner with 100% flexibility to adopt or adept to the new challenges.

Tertiary Qualifications:

2009-2013

Bachelor of Engineering in Mechanical Engineering

Government Engineering College, Bhuj, Gujarat, India

Key Area of competency:

- Design and drafting of various complex rotating equipment's.
- Proficient in preparing GAD, CS, P&ID and Fabrication drawing
- Co-ordination between cross functional team
- Develop and maintain Vendor and customer effective relationship
- New product development, Value engineering
- Excellent Communication skill
- Strong Problem Solving skill
- Successfully executed International Standards - API 610, API 682, and ISO STANDARDS.
- Ability to work under pressure and adhere to strict deadlines
- CAD tools: Creo, Auto-CAD, Solid works
- PLM & ERP: Wind-chill, ERP-LX
- Comprehensive experience in MS office
- FEA tools: Pro- Mechanica, Ansys.

Key Achievements:

- Reduction of FEED time by standardized seal and seal plan drawings.
- Work on ITT's global project (Differential temp dowelling).
- Non API Pump piping standardization.
- Piping standardization project for non-API pumps.
- Cross section drawing standardization- To reduce the turnover of Cross sectional drawing (Non-API pump) for reduction in timeline for drawing submission.
- Led challenging base frame standardization project with 2 member team to achieved 10% cost reduction for both API and non API pumps.
- Successfully executed Bearing standardization project in order to mitigate repetitive errors in BOM creation.
- Overall delivered more than 25 high complexity projects from Organic International, Tecnimont SPA, Bharat Oman and CB&I on strict deadline with minimal quality issues.

Employment History:

May 2014- Present **ITT India Pvt.Ltd | WWW.ITT.COM**
India

May 2014- Present **Design engineer I**

Key Duties

- Check and approved CAD teams GAD, CSD, P&ID, Fabrication drawings and before releasing for customers Approval
- Solving Technical Queries of Vendors & Shop Floor & Working in ERP Interface for Preparation of Bill of Material.
- Develop the design of products using drafting tools or computer-assisted design (CAD). Created CAD models and drawings for API and ISO Pump model.
- Developed and tested rotating equipment's models of alternate designs and processing methods to assess feasibility, operating condition effects, possible new applications and necessity of modification.
- Worked independently with minimal supervision.
- Supported engineering designs through analysis and simulation.
- Provided technical guidance, peer review and mentorship to junior engineers.
- Ensured compliance of customer delivery with product specifications and standards requirements according to API 610,682 and ISO standard.
- Ensure compliance of piping selection based on ASME B 16.5, 16.9 & API 610.
- Support sales and application team for providing dimensional as well as foundation details in pre bid stage for getting order.
- Reviewing PR and MR for customer requirement to provide their desire drawings in appropriate formats.
- Directed quality assurance efforts to maximize quality of work and improve overall quality of deliverables and minimize revenue loss due to engineering error DCN's.
- Collaborated with the Project engineering & Management department to achieved quarterly target.

Personal Details:

DOB : 07th July, 1992
Marital Status: Married
Language: English, Hindi, Gujarati
Hobbies: Volleyball, Cricket

References:

➤ Available on Request