

SHIVANGI PANCHAL

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CAREER OBJECTIVE

To achieve a tremendous position as a Mechanical Engineer, where I can enhance my skills and strength in line with the stated mission and goal of the company through hard work and commitment at all levels.

CAREER PROFILE

- Performance driven Mechanical engineer with 10 years experience in Manufacturing Industries with strong skills and abilities in the area of Product Development and Project Engineering
- Demonstrated experience in solving technical queries within strict time frames
- Strong mechanical aptitude with hands-on experience, solid multitasking skills and the ability to meet demanding schedules
- Skilled team player with excellent organization and communication skills, both oral and written

KEY SKILLS

- Auto CAD 2004 to 2014
- Product Development / Project Management
- Quality Assurance
- Research & Development
- Quotation/Estimation
- Multitasking & Flexibility
- MS Office - Word, Power Point, Excel
- Excellent Typing Speed
- ERP System, Oracle, SAP
- Internet and Email applications

PROFESSIONAL EXPERIENCE

Sales and Application Engineer

Rotech Pumps and System Inc. Canada

06/2015 – 09/2015

- Application / Sales Engineer Supporting the detailed and competitive sales quotation that meet customer specifications in a timely fashion for ANSI series End Suction pump, Self priming, vertical inline pump
- Provide Applications Engineering support on different capital projects and enquiries
- Managing customer orders – including contract administrations, document transmittals, progress billings, project scheduling and follow-ups
- Obtaining cost estimates for all components, engineering, machining and sub-vendor supplied equipment
- Also prepare billing for items. And schedule the pickup of the parts
- Handle Mechanical seals enquiries and having a good knowledge

Application / Product Development Engineer

Jyoti Limited, India

09/2009 – 05/2015

- Prepare, update and monitor detailed schedule of project, including research and development and handling tendering & product development work in pre bid and post bid stage
- Selection of suitable model and make proto type design based on it. Calculation required for pump like speed selection, shaft, bearing, Internal losses, motor rating selection, Nozzle and foundation load detail calculation for civil foundation, NPSH (Net Positive Suction Head) and submergence calculation, Generate Bill on Material in SAP System / ERP System
- Having excellent knowledge of all Hydraulic Institute Standard (ANSI HI), IS and other international standard which used in selecting the pumps and material of construction

- Weight calculation and Estimate the cost of pump with necessary instruments
- Prepare documents for tender, Pump performance curve, System Curve, Family Curve, ISO Efficiency Curve, Pump Datasheet and other documents as per client requirement
- Making General arrangement drawing, Cross Section Drawing, P&I Diagram and other part drawings on AutoCAD for client submission as well as inter department purpose
- Act as a single point of coordinator for all techno-commercial issues with client and project end user, and provide marketing support as and when required
- Investigate failures and solve all technical query related to pumps and its systems, and attain client meeting to solve their query
- Resolve mechanical failures of pumps and provide solution within given time frame
- Optimize design after the approval, developed system design of pumping system for selection of the pumps, lubrication tanks and piping size and loss calculation

Design Engineer

Opal Industries, India

12/2007 – 08/2009

- Creating Assembly, Fabrication drawings and producing bill of materials for the same
- Making of P & I Diagram, Flow Diagram, Sub Part Drawing and also make As-Built Diagram of unfired pressure vessels, heat exchanger
- Make Estimation and Quotation of Heat Exchanger, Unfired Pressure Vessels, Air Dryer
- Make Design of Unfired Pressure Vessel as per IS 2825 & ASME SEC. VIII DIV. I
- Recommending modifications following prototype test results
- Making decision on the design for the projects. Checking of the drawing and models as per project requirement

Trainee Engineer

Rishi Laser Cutting Limited, India

12/2004 – 11/2007

- Co-ordinate with customer regarding their requirement of different types of machine body parts.
- Read the drawing and making Estimation & Quotation for the same.
- Making different type of drawing and nesting of their drawing with maximum utilization of material.
- Dealing with the machinist, QA and accordingly Dispatch the material.

EDUCATION & TRAINING

- **Associated Member of OACETT(Membership no – 892236)** September 2015
- **Bachelor's Degree - Mechanical Engineer** June 2012
The Institution of Engineers, India
Evaluated by WES – Equivalent to four years Canadian Bachelor's Degree
- **Technical Diploma - Mechanical Engineering** June 2004
The Maharaja Sayajirao University, Vadodara, India
Evaluated by WES – Equivalent to two years Canadian School Diploma and Diploma
- **Chartered Engineer** May 2013
The Institution of Engineers, India
- **Certificate Course in Auto CAD 2004** January 2011
Hypersoft Technologies, Baroda
Autodesk Authorized Training Centre

Status: Canadian Permanent Residence Visa

Reference Available on Request