

SANTOSH PRAKASH TALASKAR

E-mail: talaskarsantosh@gmail.com

Contact No: +91-7588868721

DESIGN ENGINEER / PROJECT ENGINEERING PROFESSIONAL

Seeking challenging assignments in the domain of Designing/ Project engineering/ New Product Development etc. across the Manufacturing/ Projects/ Automotive/ Oil & Gas/ Refinery industry etc.

Profile Overview

- Committed and competent professional having around 3 years of experience with key result areas pertaining to designing; performed with Kirloskar Pneumatics Co. Ltd. Pune as a Senior Engineer.
- Varied experience in Designing, Drafting, Concept Design, 3D Modeling, Assembly & Detailing.
- Proficient in Components Selection, Design specifications, Manual Preparation, Layouts. Knowledge of International Design codes.
- Proficient in Design calculations & Project engineering.
- Working on developing compact and low cost reciprocating compressor packages.

Work Experience

KIRLOSKAR PNEUMATIC CO. LTD. PUNE - (1st August 2013 – 24th June 2016)

It's one of leading player in compressor industry involved in manufacturing of compressors of various types ranging from Reciprocating, Screw, Centrifugal & Package compressors etc.

Profile

I am having work experience of following activities in the industry:

- Assigned with the task of **standardization** of 'Horizontal Balanced Opposed Piston Reciprocating Compressors'.
- Experience of **FAD & Power** calculations for reciprocating compressors.
- Sizing of **safety valves**.
- Design calculations experience of **pressure vessels** as per Indian (IS: 2825) as well as International standards (ASME Section VIII Division I).
- Hands on experience in design calculations and 3D modeling of **casting components** like **motor pulleys, flywheel, Crankcase etc.** and selection of **belt drives** for compressors.
- **3D modeling of casting and sheet metal parts**, preparation of manufacturing drawing using **Creo2.0**.

- Design and analysis of structural components such as **Base frame, Slide Rail, Belt guard** etc.
 - Rating of '**Shell and Tube Heat Exchanger**' using **HTRI** software.
 - Sound knowledge in engineering principles, theory and practice as well. Hands on design calculations for structural components.
 - Checking & preparing 2D/3D drawings from information like Project tenders/customer data, vendor drawings, standard catalog data, reference drawings and input from other disciplines using design softwares like **Creo2.0, AutoCAD**.
 - Reciprocating compressor packages modeling, piping, assembly etc.
 - Hands on experience in **GA**, mounting frames, Piping fittings & layouts, looking after **GD&T** in drawings, Preparation of **P&ID** & modifications as per process requirement.
 - Preparing **BOM** of project, Engineering changes & BOM updation in **Oracle ERP system**.
 - Review project specifications, QA checking in coordination with colleagues as well as **finalizing** the drawings & releasing it for procurement.
 - Preparing the **Manuals** of the project including Spare parts catalogues, Technical & Maintenance Manuals etc. & Preparation of project documents as per ISO standards.
 - Team leader for '**5S**' & **Kaizen** activities in the department. Active member in **IMS audits**.
-

Projects Handled in Current Industry

1. Standardization of reciprocating compressor

These are standard reciprocating air compressor packages with compact construction, low cost, lower engineering and assembly period.

2. Project Engineering

These are air and gas compressors with skid and foundation mounted arrangement and varying scope of supply. I have experience of working on projects of compressor package designing for customers like L&T, NTPC, HPCL, Reliance etc.

Core Competencies/Skills

- Leadership skill
- Keen learner
- Risk taking ability
- Team worker/Motivator
- Result oriented approach
- Problem solving skills

Computer Proficiency

- Creo 2.0
- AutoCAD
- CATIA V5
- Oracle ERP

Academic & Professional Credentials

Scholastic Credentials

Class	College/School	Year	Marks (%)
B.E.(Mechanical)	T.K.I.E.T. Warananagar, Dist-Kolhapur.	2012-13	69.47 (Distinction)
H.S.C.	Vivekanand College, Kolhapur.	2008-09	83.83 (Distinction)
S.S.C	Maharashtra Board, Pune.	2006-07	89.38 (Distinction)

Academic Project

- **Project name:** Design And Manufacturing of Sugarcane Peeling Machine (Sponsored by WAGPCOS, Warananagar).
- **Description:** This machine is used for removing peels from top surface of sugarcane in juice manufacturing companies.

Trainings

- Plant training at 'Perfect Engineering Enterprises, Shirol, Kolhapur' for 15 days.
- Certified Course of Creo2.0.
- Certified Course CATIA V5.
- Certified Course AutoCAD.
- Attended '5S' & 'Kaizen' program in KPCL.

Extracurricular & Achievements

- Presented paper on Reverse Engineering in National Level paper presentation at Dr. D. Y. Patil College of Engineering and Technology, Kolhapur.
- Worked as 'Technical Coordinator' of robotics workshop held by IIT Kharagpur at TKIET Warananagar.
- Worked as 'Art and Exhibition Head' in cultural committee in college.

Personal Information

- Date of Birth : 04th December 1991
- Languages Known : English, Hindi and Marathi.
- Nationality : Indian
- Hobbies : Listening Music, Trekking.
- Marital status : Unmarried
- Permanent Address : A/P-Hupare Nagar, Pattan Kodoli, Tal-Hatkanangale,
Dist-Kolhapur, PIN CODE-416202.

Declaration

The above information is true to the best of my knowledge and belief and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Pune

Talaskar Santosh Prakash