



# SANDEEP DHIVAR

MECHANICAL DESIGN ENGINEER

## ★ CAREER OBJECTIVE

Integrate my knowledge and experiences to accomplish the organizational objectives through sincere devotion and dedicated hard work.

## 📌 PROFILE SUMMARY

- 6+ years' experience as Design Engineer and Plant Design Engineer.
- Good knowledge of CAD softwares like Solid Edge, Solidworks, Autodesk Inventor, Pro-E (Creo), NX- Cad UG, AutoCad 2D 3D(Basic) & Ansys Workbench.
- Familiar with Pressure Vessel Design codes such as ASME SEC.VIII Div.1 & EN 13530.
- Good knowledge on the Thermal & Mechanical Design.
- Hands on Expertise on all PESO Approvals Online Application.
- Experience in Part Modeling, Sheet Metal, Assembly & Detailed manufacturing drawing.
- Develop design concepts model using computer-aided design (CAD) platforms.
- Project technical documentation - (DCI & MDR)
- Aware of DFMAS (Design for manufacturability, assembly & serviceability)
- Prepare cost estimates and Vendor Identification, Development & Management

## 🎓 EDUCATION

- M.Tech (Machine Design) , (CGPA 8.2) - **2020**  
**VJTI, Mumbai** **Mumbai University**
- Bachelor of Engineering, Mechanical (69.80%) - **2014**  
**BMIT Solapur** **First Class with Distinction**
- HSC, Science (70%) - **2010**  
**Dr.Antonio D'Silva Technical College, Mumbai**
- SSC (72.15%) - **2008**  
**Guru Nanak Higher Secondary Technical School,**

## CONTACTS

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## EXPERTISE

- ❖ Mechanical Design Calculation.
- ❖ Solidworks
- ❖ SolidEdge
- ❖ Autodesk Inventor
- ❖ Pro-Engineering
- ❖ PESO Online Approvals
- ❖ Problem Solving Skill

## LANGUAGES

Marathi, Hindi, English.

## PERSONAL STRENGTHS

- ❖ Quick Learner.
- ❖ Self-Motivated.
- ❖ Management Skills.
- ❖ Team Player.

## CERTIFICATION

Professional in Product Design & Analysis, **CADD Centre : 2016**



## PROFESSIONAL EXPERIENCE AND DESIGNATION

**Organisation: M/s. Beerensgas (India) Pvt. Ltd.**

**Feb 2020 - Till Date**

**Designation: Dy. Engineering Manager & Auditor**

**Current Project: 20MT with 30,000 SCMD Modular LCNG Plant**

### PROJECTS WORKED & AREA OF RESPONSIBILITY: -

- 1.Design, Erection, Commissioning and Testing of LCNG Stations for ADANI Gas Limited.
- 2.Preparation of Design calculations and GA Fabrication Drawings for Cryogenic pressure vessel & Storagetanks.
- 3.Preparation of BOM and Plate Cutting Layout.
- 3.Preparation of Project Schedule using MS Project.
- 4.Ensuring compliance with Local Laws, SMPV (U) Rules & PESO.
- 5.Implemanetation of LNG services.
- 6.Brought all the Approvals from PESO like PESO shop approval for fabrication of Cryogenic Pressure Vessel and Vaporizer, Grant of License, Prior Approval, Fabrication Drawing Approval, Revalidation of old drawings using PESO Online Portal.
- 7.Performed ISO Surveillance audit for company.
- 8.Planning and executing strategies for completing projects on time
- 9.Client and Vendor technical document approval
- 10.All Online Portal Applications & Renewal (NSIC/ISO/PESO)

**Organisation: M/s. NextGen Tech Initiatives Pvt. Ltd.**

**March 2015 – Dec 2017**

**Designation: Assistant Design Engineer**

### PROJECTS WORKED & AREA OF RESPONSIBILITY: -

- 1.Part modeling, Sheet Metal and Assembly.
- 2.Generation of detailed drawings for manufacturing.
- 3.Handling Large Assemblies, CNC based CAD Drawings, BOM generation, Sheet- Blank designing, Product analysis using Solidedge simulation, sample fabrication drawing etc.
- 4.Good knowledge of large assembly management &Engineering drawing reading.
- 5.GD&T, Awareness to manufacturingprocesses & Application of Welding symbols.
- 6.Design for manufacturability, assembly &serviceability

**Organisation: M/s. S.K.Engineering & Works Pvt. Ltd.**

**June 2014 – Feb 2015**

**Designation: Junior Design Engineer**

### PROJECTS WORKED & AREA OF RESPONSIBILITY: -

- 1.Individual part drawings, Customer follow ups & BOM Generations, development drawings etc.

## **INDUSTRIAL EXPOSURE & VOCATIONAL TRAINING**

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**Organization:** L &T-MHI Boilers Pvt. Ltd., Mumbai

**Title:** Study of Pulveriser Project Cycle & Various Project Tools.

**Organization:** UNNATI Shot Blast Plant, Solapur

**Title:** Exposure to Machining Process and Management System

**Organization:** Killick Engineering Limited, Mumbai

**Title:** Exposure to Manufacturing Process, various Production Machine operations, Manpower Management and Quality Assurance of Engineering Products.

## **ACHIEVEMENTS & AWARDS**

- ❖ Got campus placement in S.K. Engineering & Works Pvt. Ltd.
- ❖ Got my first appraisal within 3 months.
- ❖ Won 1st Prize in MECHATRICS at National Level.
- ❖ Won Silver Medal in Martial Arts (Hand Fight) at State Level.
- ❖ Runner-up in BATMINTONS DOUBLE at College Level.
- ❖ 2nd Prize in LATHE BATTLE at Department Level.
- ❖ 2nd Prize in Movie-Mania at Department Level.

## **PERSONAL PROFILE**

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Date of Birth : 25/05/1992

Nationality : Indian

Marital Status : Married

Hobby : Playing Cricket, Visiting new places, Videography & Cooking

## **DECLARATION**

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I hereby declare that the facts stated above are true and correct to the best of my knowledge and belief.

**Place:** Mumbai

*Sandeep Dhivar*

Signature

**Date:**