

# Curriculum Vitae

Harshad Dholariya

harrydholariya@gmail.com

Mechanical Engineer

702/4628-Gujarat housing board, Bapunagar, Ahmedabad-380024, Gujarat.

Mob No. +91-9737679986

## Summary

An enthusiastic and always be positive competent individual with having knowledge and experience in Automobile Engine field. My work experience on project development side enable me to direct and coordinate with teamwork for achieving time limit, schedule and proper product quality focus. On technical view, i am able to understand the process of parts and can communicate to eliminate quality issues. My focus dedication on the activities and commitment to the hard work conclude the aim level of accuracy. Now, I am looking for a suitable position with an ambitious and having motivated thinking company.

## Highlights

### Professional

### Personal

- Co-ordinate the project part quality issue
- Mechanical process understanding
- Supplier quality focus for project development
- Corrective action and diagnosis the problem
- Production planning correlation with regular product
- PLM/Team center, SAP software and basic computer-MS Excel, MS Power point, MS Word etc.
- Time punctual
- Good Communication
- Managerial and interpersonal expertise
- Leadership and Integrity with work
- Honest and positive attitude to the work

## Experience

### 1. 10<sup>th</sup> June 2016 To TILL DATE

#### **TATA Motors Ltd-Sanand GIDC Ahmedabad**

Support Engineer-Vendor development (NPD) at Power-Train Department.

The Leading Automobile manufacturer of India, located at Sanand industrial area of Gujarat.

Plant vehicles: Tiago, Tigor, Nano

## Duties

- Coordinating with Vendors about part quality issues in development stage and taking corrective actions to supply parts as per drawing requirements and required volume.
- Submission of 8D from vendor under quality issues observed at incoming inspection and MOM with vendor
- Reviewing technical datasheets, drawings and internal standards.
- Coordination with quality assurance department for quality check points of parts to establish common inspection method at TML as well as vendor end.
- Receiving and responding to approvals, queries and notifications from vendor and internal production team.
- Maintaining and updating various reports:
  - Material Status Report (MSR)
  - Part quality defect tracking batch wise
  - Project Progress Report (PPR)
  - Respective

# Curriculum Vitae

## 2. 26<sup>th</sup> January 2016 To 09<sup>th</sup> June 2016

### **Volcano Flexi-Tech Industries. – Naroda GIDC Ahmedabad**

Mechanical Engineer in Manufacturing Department.

The company is manufacturing machinery for single wall corrugated pipe and double wall corrugated pipe with injection molding process.

#### Duties

- Assembly of single wall and double wall corrugated pipe machine
- Prepare timeline of assembly and machining process as per time limit.

## 3. 27<sup>th</sup> JULY 2015 To 25<sup>th</sup> JANUARAY 2016

### **Vipul Copper Pvt Ltd. – Naroda GIDC Ahmedabad**

Graduate Engineering Trainee- Mechanical Engineering- Manufacturing Department.

The company is manufacturer of copper cable and copper bars with copper drawing process.

#### Duties

- Manufacturing of cables as per order/PO of customer
- Checking quality of product
- Custom-made cables planned as per requirement.

### Training

#### Industrial training ( 09/07/2014 to 23/07/2014 ) and Project training ( 24/07/2014 to 15/05/2015 ) at Indo Air Compressors Pvt. Ltd..

Modules: - Concepts of Air Compressor Reciprocating, Rotary Screw Compressor, Oil Free High Pressure Compressor, Heavy Duty Vertical Compressor, Oil Free Compressor and Vacuum Pump.

- Project training on various mechanisms of Disengaging of compressor from pulley drive during unloading.
- We developed mechanisms with the help of Cone clutch pulley in CSC controlled Compressor for automatically controlling the Engaging and Disengaging Mechanism.

### Academic

<b>2011 to 2015</b>	I have completed my Mechanical Engineering with <b>7.72</b> CGPA from Silver Oak College of Engineering & Technology, Ahmedabad
<b>2010 to 2011</b>	I have completed my H.S.C. with <b>75%</b> from Shree Panchtirth Vidyalaya, Kathwada, Ahmedabad
<b>2008 to 2009</b>	I have completed my S.S.C. with <b>75.54%</b> from Shivam Vidyalaya, Krishnanagr, Ahmedabad

# Curriculum Vitae

## Project under graduation

### “DESIGN OF DISENGAGING MECHANISM OF COMPRESSOR FROM PULLEY DRIVE DURING UNLOADING”

Reciprocating compressors are extensively used in this present age of modernization like in power plants, chemical plants and air-compressors, which compress the air, which is utilized for inflation purposes and as fuel in compressed-air cars. The control of fluid pressure in the storage tank is essential for its safety and satisfactory functioning of appliances actuated by reciprocating compressor. In order to fulfill the above, the transmission mechanism between the driving motor and the crank should be such that the proper engaging or disengaging could be done for a particular value of fluid pressure in storage tank.

In proposed work, the cone clutch pulley will be used. It will be mounted between the driven pulley and the crank. The mathematical analysis is to be done before manufacturing based on the dynamics and design based concepts in order get the reliable design.

**Module Included:** Cone clutch, Bearing, V-grooved pulley, helical spring, Spline shaft, etc.

## Work field of interest

- Automobile Industries
- Quality inspection
- Process flow and manufacturing

## Personal Profile

- Date of Birth : 10 July, 1994
- Gender : Male
- Marital Status : Unmarried
- Nationality : Indian
- Linguistic Skills : English, Hindi and Gujarati
- Hobbies : Music, Reading, Travelling

## Declaration

I hereby declare that the above written particulars are true and correct to the best of my knowledge.