

## HIREN PATEL

B.E. Mechanical Engineering

Email [id-patelhiren297@gmail.com](mailto:id-patelhiren297@gmail.com)

Contact No-9913798986

### CAREER OBJECTIVE:

- To make optimum use of my strength & capability as a engineer in the organisation and contribute maximum to success & Upliftment Of the organisation.

### TECHNICAL AND PERSONAL SKILL:

- I have ability to manage whole team and completing a plan as per time requirement
- I have good communication skill and exceptional team building skill
- I have always do work with positive attitude
- I have a knowledge about **ERP** system
- I have an industrial knowledge about **submersible pump**

### AREA OF INTREST:

- Production Department
- Thermal power plant
- Automobile engineering
- Process Planing
- Maintenance Department

### COMPUTER LITERACY:

- Proficiency in Excel, Microsoft Word, Microsoft Power point, & Internet Application

### EDUCATIONAL QUALIFICATION:

Examination	Year	Board/ Institute	CGPA/%
BE: Mechanical Engineer	2017	ALPHA COLLEGE OF ENGINEERING	8.24
Twelfth		& TECHNOLOGY,KHATRAJ,KALOL	
Tenth	2013	SHARDABA HIGHER SECONDARY SCHOOL	77
	2011	JIVAN JYOT SECONDARY SCHOOL	84.6

## PROJECTS DETAILS:

### REDUCING COATING PROCESS TIME IN INVESTMENT CASTING PROCESS:

- Generally, in Investment casting coating process Zircon sand is used with colloidal silica to make a slurry which is very costly & too much drying time required. It make process too long, in result productivity decrease.
- We search other **different types of sand & find chromite sand which has same property as Zircon & it have a good chilling property & very cheaper.**
- From practical, we have conclude that the chromite sand is require **less drying time** which makes the process to short. In a result productivity is increase.

## TRAINING EXPERIENCE:

- I completing my training and project work in **UMIYA ALLOYS PVT. LTD. (KHATRAJ)**, which making impeller and ball valve and other products of submersible pump. Impeller is made by sand casting process and ball valve is made by investment casting process.

## EXPIRIENCE:

- I completing my working experience at **LA- GAJJAR MACHINERIES PVT. LTD** for **1 year** as a Engineer in Production Department from Date **2 JUNE 2017 to Till Continue** .
  - **Work Description:** Currently working in multi-tasking environment in India's leading submersible pump manufacturing company. Where working in production department is main task for me when **I gain knowledge about production management, documentation, process improvements, SOP's, Kaizen, 5s, Cost reduction, Lean management & manufacturing excellence.**
  - Second phase working in production is quite difficult to manage work with labours and colleagues. Perfect manufacturing/Assembly of parts. Follow-ups from store for material issuing and achieve targets of production.

**Projects:** Working with **cost saving project related to V4 stack** in La-Gajjar Company with team member. Before stack stacking with pipe (SS 202) & winding of pipe stack so machining cost, labour cost, material cost is high. But now winding insert stack and after stacking with pipe (SS304) due to this flearing, grooving, length cutting, Grove ID finishing with CNC process are absolute so **machine cost, labour cost are saving.**

Working with project related to rejection. This project analysis of Rout Case in rejection & find out 5 Worker responsible for more than 50 percentage rejection so continuously obser process of this 5 Worker with strictly action & give my input for batter process within 2 month. After 2 Month **reduce the rejection from 5percentato 10 percentage**

Working exposure:

- Good knowledge of manufacturing processes (Inspection + Production +Re-work).
- Making process SOPs& Work instruction reports.
- Making Inspection reports, Documentation.
- Follow-ups from vendor + purchaser for the improvement at their end about running quality issues.
- Online Production in process inspection.
- Monthly analysis of Production rejection + Internal rejection + External rejection
- Making reports of Capacity utilization, plan vs production, rejection PPM and eye charts.
- Stock of material maintain as per ERP system
- Working with CCR & NCR of Quality

**STRENGTH**

- Good communication skill.
- Ability to work in team.
- Comprehensive problem solving abilities ➤ Skill handling multiple task simultaneously.

**PERSONAL PROFILE:**

<b>Full Name</b>	: Patel Hiren Mahendra kumar
<b>Date of Birth</b>	: 29/07/1995
<b>Gender</b>	: Male
<b>Marital Status</b>	: Single
<b>Hobby</b>	: Cricket, Reading Newspaper & Novels
<b>Language</b>	: English (SRW), Hindi (SRW), Gujarati (SRW)
<b>Nationality</b>	: Indian

<b>Category</b>	: OPEN
<b>Permanent Address</b>	: A/30 Hariji Park Soc, Nr. Gopi Banglows, Mahadev Nagar, Vastral road, Ahmedabad-382418

**DECLARATION:**

I hereby declare that the above-mentioned information is true to best of my knowledge

**HIREN M. PATEL**