



BHAVIK PATEL

B.E. (Mechanical)

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Personal Details:

Date of Birth: 25/12/1992

Sex: Male.

Father's Name: Bipinbhai.

Marital Status: Married

Mother Tongue: GUJARATI.

Nationality: Indian.

Languages Known:

- ✓ English.
- ✓ Hindi
- ✓ Gujarati

Address for Communication:

B/2 India colony,
Bopal-Ghuma Road,
Bopal, Ahmedabad
Dist.: - Ahmedabad
Pin Code: -380058

Interests and Hobbies:

- ✓ Reading.
- ✓ Travelling.
- ✓ Searching.

Area of Interest:

- ✓ Utility
- ✓ Maintenance
- ✓ Project

RESUME

Objective

To seek a challenging career in a progressive organization where there is a scope for lucrative growth.

A Learner for Life.

Educational qualification

DEGREE	NAME OF INSTITUTE	UNIVERSITY / BOARD	YEAR OF PASSING	PERCENTAGE
B.E. in Mechanical	SRI, VADASMA	G.T.U.	2015	7.06 CGPA (DISTINCTION)
H.S.C. (SCIENCE)	M.APATEL HIGH SCHOOL BOPAL,AHMEDABAD	G.H.S.E.B	2011	72%
S.S.C.	TEJAS VIDHYA VIHAR BOPAL,AHMEDABAD	G.S.E.B. GUJARAT.	2009	79.38%

OTHER SKILLS

Computer Skills:

- ✓ Microsoft applications (Word, Excel, Office, PowerPoint, Outlook) word processing software, access the Internet, manage files, or create presentations
- ✓ **Autocad 2D & 3D**

Projects

- B.E. Final Year Project (2014-2015)

"Improving conveyor life using bearing and shaft"

Strength

- ❖ Good level of grasping New things
- ❖ Hardworking and Creative.
- ❖ Adaptable to any environment.
- ❖ Tackling the situations and finding the best solutions.
- ❖ Take a short time to learning new thing.
- ❖ Learn any software and application easily.

PROFESSIONAL SUMMARY

Work with senior level manager team and graduate in mechanical engineering with 1st class. Become a maintenance executive of FAIRCHEM ORGANICS LTD. just in one year. **Dedicated to improving efficiency, productivity.** Team leader. Work with full efficiency. **Curiosity of learn new technology. The desire to learn fast.**

EXPERIENCE (JOINING FAIRCHEM ORGANICS LTD ON 01-01-2016)

7 YEAR 03 MONTH experience with fairchem speciality ltd, sanand in Maintenance/utility/project department

- 01-01-2016 to 01-01-2017 (1 year) as apprentice engineer
- 01-01-2017 to 01-04-2017 (3 month) as project engineer for hydrogenation plant
- 01-04-2017 to 01-05-2022 (5 years 1 month) as mechanical engineer (maintenance/utility)
- 01-05-2022 to till date as a mechanical engineer utility

Work responsibility

- Discusses the report with staff and give the planning and solution of any type of pending or critical job.
- preparing daily report.
- Attended daily morning meetings with all departments head and discuss about problems, solution and planning's.
- Inward material Inspection & verification at engineering store.
- Inspecting and Analysis of major breakdown and taking action for work compilation in minimum time.
- Do why why analysis of all critical breakdown and solve problem and root cause.
- Daily review of preventive maintenance.
- Shutdown planning for maintenance, work distribution, manpower arrangement.
- Prepare monthly reports like breakdown with their causes, utility consumption.
- Finding un necessary utility uses and stop it. And Minimis utility consumption with alternative option.
- Try to avoid duplication of job or recurring work.
- Making purchase indent and Job indent of required spare/Project material.
- Prepare job order of fabrication work and check final measurement sheet of work.
- Find out un-safe condition/Act for avoid incident/Accidents/Near-miss.
- Work permit Clearance after checking job location and safety precaution with proper PPE.
- KAIZEN report preparation
- Working on energy efficiency and minimizing heat loss to save fuels and money
- Document preparation for breakdown, preventive maintenance schedule
- Work on cost effectiveness, identify cost cutting with same production
- Prepare document according Work on 5s, TPM, six sigma, KAIZEN, PPM, 7 QC tools

Equipment handling

MAINTENANCE DEPARTMENT

- Maintenance of centrifugal pump, gear pump, propeller pump, piston pump, high pressure pump and mechanical seal work of pump (single/double mechanical seal, drayseal, bellow seal, etc.)
- Knowledge of pressure vessel agitator maintenance (magdrive agitator), gear box maintenance, Cooling tower maintenance, steam boiler maintenance, thermic fluid heater maintenance.
- Centrifuge separator (vo-30 & srg-610), decanter separator operation and maintenance work.
- WFE & SPD vessel agitator and sturrle parts maintenance.
- Working as high pressure and low pressure pipe fabrication work supervisor
- Material ordering and stock checking of maintain stock of spare parts.
- Daily report and monthly report preparation.
- Preventive maintenance and monitoring of equipment.
- Making indent for material perches.
- Shift supervising and manpower handling.
- Shutdown planning and scheduling.
- Fractionation column structure packing errection, distributer and all parts maintenance.
- Rotary vacuum dryer, ATFD, PLF, spiral he, condenser maintenance.
- Nano bubble generator unit for water treatment

UTILITY DEPARTMENT

- R.O plant (THERMAX make with 20m³/h and 10m³/h capacity)
- D.M water plant (Capacity with 20m³/h)
- Softener (Capacity with 50m³/h)
- Chiller (PRASAD make capacity 22TR and 11TR)
- Compressor (INGERSOOL RAND & ATLAS make 400CFM,198CFM,200CFM)
- Cooling tower (INDUCE DRAFT 475TR, 350TR, 250TR, 175TR)
(SPRAY JET NOZZLE 600TR,500TR,300TR)

➤ Boiler

- Water tube steam boiler (oil fire)
(65kg working pressure, 1 TPH)
- Fire tube steam boiler (oil fire)
(4 TPH capacity, 10KG/CM2 PRESSURE THERMAX make)
- Thermic fluid heater (FBC BOILER)
(30 lakh kcal/h capacity- 2 boiler, thermax make, coal fire)
(20 lakh kcal/h capacity, f.o fire, thermax make)
(40-lakh kcal/h capacity, thermax make package boiler, coal fire)
- Steam boiler (FBC BOILER)
(8 TPH capacity, 10kg/cm2 pressure THERMAX make COAL FIRE)
- Steam boiler
(3 TPH, 43kg/cm2 pressure LDO fire Forbes Marshall Make)

PROJECT DEPARTMENT

- Now working on FBC steam boiler installation process.
- Experience of fabrication work, erection and dismantling work of machines and other equipment.