

## Curriculum vitae

VINAY S. PATEL

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### Objective

To grow my career as production manager in big firm with my skills and knowledge. I also want to improve my knowledge to provide best service.

**Required Career level:** - Production Manager

### Skills: -

- Computer knowledge with SAP,
- DCS and PLC operations,
- Leadership & Management
- HSE and Risk analysis,
- Team building and Team work,
- Troubleshooting
- Depth technical knowledge
- HIRA-HAZOP study and analysis,
- MOC, What-If, PSSR,
- CAPA Analysis,
- FAT & EAT Analysis,
- Work permit and JSA work,
- Root Cause Analysis,
- Internal & External audit handling experience,
- ISO documentation and auditing,
- Communications skills,
- Integrated Management System

### Expertise:-

- Superlative leadership qualities with excellent analytical skills with demonstrated capability to effectively incorporate manpower & resources.
- To motivate employees to maximize levels of productivity.
- Strong understanding of operation, Troubleshooting with Failure analysis.
- HAZOP study Analysis of DMS plant.
- Solvent recovery unit Handling operation

## **Working experience**

I have been working in chemical industries since 2010 - 8th years with all functional modules regarding Operations, Process, HSE, Production Planning, Material Handling, Raw Material Management, Inventory Management, Procurement management, Dispatch management, ISO Audit and TFS Audit handling and Documentation etc.

### **Experience 1**

I have been Working in **Gharda Chemicals Ltd, Panoli(Ankleshwer)** from Feb 2018 as a **Deputy Manager** with following responsibilities.

- Production Planning
- Batch Planning
- Utility Management
- Effluent Management
- Raw Materials Management
- Procurement Planning
- Inventory Management
- Dispatch management
- Preventive Maintenance
- Breakdown Maintenance
- Shutdown Maintenance
- Safety & EHS Management

**Followings are the area of expertise with above responsibility.**

- Manufacturing of high performance pigment like PR-122 and PV-19 manufacturing
- Solvent Recovery Unit Handling and Operations (Methanol and DMAC distillation)
- Yield Calculation
- DCS Operation with troubleshooting
- Manpower utilization and management
- Waste & Effluent Management

- Filter press operation
- Spin Flash Dryer (SFD) Operation

## Experience 2

I have been Working in **Aarti Industries LTD, Vapi** from 17<sup>th</sup> June 2013 to Feb 2018 as a **Senior production executive** with following responsibilities.

- DMS plant automation with DCS systems.
- DMS plant capacity enhancement and management.
- Shutdown work with erection, commissioning, Pre-start-up of total DMS plant with the capacity of 120 MT/Day.
- Troubleshooting and Risk analysis within Plant and equipment.
- Monitoring operations after Deviation into process. Also rectify and resolved problem with proper solutions.
- To deal with deviation management in operations, quality and dispatch.
- Conducting RCA'S of plant and equipment break down.
- Take care of MOC element and complete it up to Final approval stage up to PSSR.
- Conducting HAZOP studies of upcoming projects and existing plants.
- DMS plant automation and converted From manual to DCS operation.
- Performance improvement of DMS plant and DMS go-down and tank-farm area.
- Export and Dispatch activity which contains local dispatch of DMS, So<sub>3</sub> liquid tanker, Sulphuric acid 98%, Oleum 65%, Oleum 23%, Chloro Sulphonic Acid, Spent dispatch activity of Acid plant.
- Managing raw materials of DMS and ACID plant with dispatch and excise department.
- Working with SAP ERP system with Production, Purchase, Dispatch etc modules.
- Monitoring yield and Quality of finish goods materials.
- Preparing MMS and MPR for DMS and ACID Plant.
- Managing Preventive maintenance, Breakdown maintenance, shutdown related activity of entire DMS plant.
- Handling SPINE HRMS System of DMS plant.

- To Identify and schedule required training for employees like safety, EHS, material Handling.
- To monitor status and progress of all scheduled jobs and break down jobs.
- Working 24 Hrs. duty in case of failure and in absence of managers to handle breakdown and power Failure.
- Preparing schedule for various kind of plant maintenance like Preventive maintenance, Breakdown maintenance and shut-down maintenance.
- Managing thermo pack which have capacity of 5 lakh kcal. / Day.
- Proposal management , MOC's for various process changes and modification.
- DCS graphics management with proper loop.
- DCS FAT completion, logic, loop, DI, DO, Interlock checking and correction.
- Handling highly Flammable DME gas and Hazardous DMS production.
- Responsible for achieving daily production targets without scarifying quality and safety.
- Looking after to each every stage of production activity to avoid downtime and breakdown.
- Regularly handling and monitoring cooling tower parameters by Nalco-3D tracer system, cyclone Filter, Sand filter, via blow down and water treatment using chemical.
- Handling steam jet and water jet ejector system.
- Maintaining various Utility Operation like cooling tower operation, compressor ,steam pressure issues and supply chain for smooth plant operation.

### **Experience 3**

I had worked with **Yashashvi Rasayan Pvt. Ltd.** from 02/07/2012 to 13/05/2013 as **Junior Production Executive** with following responsibilities.

- Was responsible to achieve daily production by ensuring optimal utilization of all resources that dividend into manpower, machinery and R/M's.
- Worked with the problems like power failure, steam up down, agitator, pump and ejector failure etc.
- Worked with 2,4 DCP distillation column and various chemical handling reactor vessels like S..S.,M.S,HDPE and Glass line etc.
- Worked with different kind of Heat exchangers like shell and tube, plate type, chillers, coolers etc.

- Worked with cooling Tower water parameter and maintain it on daily basis.
- Worked with Drum-Filling activity.
- Worked RIM management for Batch processes on daily basis.
- Worked with operating of ANF, centrifuge with good m/L recovery.

#### **Experience 4**

I had worked with **Colourtex Industries Ltd, Surat** from 16/01/2010 to 28/02/2012 as **Production Supervisor** with following responsibilities.

- Worked with Batch operation of vat dye making process.
- Worked with various unit operation like Chlorination, Bromination, Sulfonation, Nitration, and simple distillation and vacuum distillation.
- Worked with M.S. Reactor, G.L.reactor, HDPE Vessels, Dryers, mixing equipment, Dryer etc. plant.
- Worked with Conditional monitoring of HCl scrubber and Alkali scrubber operation.
- Handling operation of Filter press,ANF,Centrifuge for M/L recovery .
- Worked with steam Dryer for DBPNA power dye for removing moisture.
- Management of U/G storage material activity with conditional monitoring of Breather valve.

#### **Experience 5**

I had worked with **Mahavir Systhesis Pvt Ltd-Sachin** as **Production Supervisor** with following responsibilities.

- Worked with various M.S. Reactor, glass lined reactor, HDPE reactor , RVPD, chilling plant.
- Worked with Various Intermediate making process tangling

### **Academic Qualification**

- Appeared in final examination of Advance Diploma in Industrial Safety(ADIS) from Devi Mahalaxmi college,Thane (Mumbai) - MSBTE approved.
- B. E. Chemical Engineer with Pass class from Government Engineering College -Valsad.
- Diploma in chemical Engineering with First class from Government polytechnic college - Daman.
- S.S.C. with Distinction from Sir C.J. N.Z Madresa High School, Navsari

### **Academic Training**

- GSFC Ltd- Kosamba ( Nylon 6-6 my Unit )
- Aarti Industries Ltd -Vapi ( Acid Plant )
- Jupiter Distillery Ltd -Daman

### **Industrial Training and Certification**

- HAZOP Study at Central Labour and welfare Institute(CLI)- Mumbai provided by Arti Industries,Vapi unit.

### **➤ Personal Details**

- **Name:** Vinay S Patel
- **Date of birth:** 12<sup>th</sup> January 1987
- **Language known:** English, Hindi, Gujarati
- **Hobbies:** Playing Cricket, listening music, volleyball, reading, Traveling
- **Permanent address:** At-Pratappore,po-Italva,Dist-Navsari.