

Curriculum Vitae

Vijaykumar T. Prajapati

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Objective

Seeking an Opportunity in the field of Process Engineering Where I can Design & Optimize Chemical Processes Ensuring Product Quality Safety and further Enhance my skill and contribute toward the growth of the organization.

Experience

- **Neogen Chemicals Ltd, Dahej**

Designation : Executive – Production

Duration : 8th March 2021 to Till date

Neogen making of Bromine base organic products, Bromine derivatives and other inorganic lithium-ion battery raw materials.

Working as a production -Executive for a green field Multi-purpose Plant (MPP) having project cost of Rs.130.0 Crore.

- Identify opportunities for development and improvement in Process and Operation with corporate goals, strengths and limitations.
- Knowledge of BFD, PFD, UFD, P&ID and generating mass and energy balance and Types of valves and application.
- Ability to understand Process Design Basics process description for the preparation of P&ID.
- Hands-on experience of commissioning & Pre-commissioning activities of the project. Take part in Hazop study for plant and products and improve safety standard. Relevant Standards and Codes used in Chemical and Process industry API, ASME, IS, TEMA, IBR, GPSA etc.
- Prepare a HIRA (Hazard Identification and Risk Assessment) and Environmental Impact - Aspect of existing and new product.
- Experience of handling bromination reaction, exothermic reaction, Bromine tanker loading - unloading activity, Distillation Process, Vacuum distillation, Scrubbing Operation, Steam Jet Ejector, Dry vacuum pump, prepare a daily production report and reporting to Plant manager. Line hydraulics -Line Sizing for Liquid, Gases and Pressure drop Calculation.
- Knowledge of Equipment Process Data sheets, Pump Hydraulics, Control Valve Sizing and Calculation.
- Storage Tanks: Types and Classification of storage Tanks Calculations and Preparation of Process data sheet.
- Breather Valves & Venting Requirements as per API 2000, process data sheets & Hazardous Area Classification (HAC).
- Knowledge of Heat Exchangers Design and Heat Transfer Operations, distillation column design.
- Knowledge of ASPEN HYSYS, HTRI, FLARENET have experience about HAZOP, PSSR.
- Participation in pre-commissioning and commissioning activities.
- Better knowledge of GDP, GMP & cGMP as per ICH Q7 guidelines and also Improvement in production.
- Good knowledge of QMS (Compliance & Investigation) of production on regular audit.

• **Torrent Pharmaceuticals Ltd, Dahej**

Designation : Graduate Apprentice Trainee

Duration : 1st Nov. 2019 to 17th Nov. 2020

- Knowledge of Reactors like SSR, GLR Scrubber system, Condenser & Reflux process, Dryers, Solvents and good knowledge of GMP, cGMP and documentation (QMS) of Production.

• **SRF Ltd, Dahej**

Designation : Jr. Process Engineer

Duration : 26th April 2019 to 30th October 2019

- Handling of Multi Effect Evaporator (MEE) plant with DCS system.

Education

| Course / Degree | School / University | Grade /Score | Year |
|----------------------------------|--|--------------|------|
| Bachelor of Chemical Engineering | Lukhdhirji Engineering Collage, Morbi | 7.46 CGPA | 2019 |
| Diploma in Chemical Engineering | Shri. K.J. Polytechnic Colage, Bharuch | 7.07 CGPA | 2016 |
| SSC | The Progressive High school, Bharuch | 70.17% | 2013 |

Course And Software Knowledge

- ♦ PROCESS DESIGN ENGINEERING COURSE (ISO 9001:2015) at SB Technologies, Mumbai
- Proficient with Microsoft Word, Excel & Power Point.
- Basic Knowledge about Valves, Pumps, Aspen Hysys, HTRI & Flarenet etc.

Skills

- Microsoft office, Excel, Word, PowerPoint and SAP system. Eager to learn and contribute.

Languages

Gujarati, Hindi, English

Interest

- Unit Operation and Unit Process
- Process Engineering and Technical services
- Operation and Planning Management

Achievement And Awards

- I have been given an appreciation certificate after seeing good performance during Audit of ISO9001:2015, ISO14001:2015, ISO 45001:2018 and GMP works from Neogen Chemicals Ltd.
- I got attended ERT training in Neogen Chemicals LTD and get certified after given practical training.
- I have completed CCC computer course completed with 72% from C-DEC computer education in May - 2013

Hobbies

- Outdoor games like play cricket, Volleyball
- Reading a book, watching movies
- Doing daily exercises

Safety And Environment Care

- Use prescribed PPEs to maintain personal safety.
- I have good knowledge of PSSR (Pre-Startup Safety Review), HAZOP Study.
- Report near miss accidents / unsafe conditions.

Reference

- Rajkumar Gupta –Neogen Chemicals Ltd
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