

BHAUMIK S. PATEL

Mobile: (+91) 960-183-3342

Email: er.bhaumikpatel@yahoo.com

To be a part of a progressive company offering opportunity for career advancement and professional growth and which will help me gain sufficient knowledge.

ADDITIONAL CERTIFICATION

Process Plant Design Advanced| Chemsys Engineering (Recognized by TUV Nord) – Pune, India
APR - JUN 2019. Certification in Process Engineering from an EPCC, recognized by TUV Nord with emphasis on Aspen HYSYS, design and simulation of chemical and petrochemical operations.

CHEMSYS PROJECT: Process Simulation of Methanol to Dimethyl Ether

WORK EXPERIENCE

Maxxis Rubber India Private Limited, Sanand

Chemical Raw Material Inspection

Leader

March 2017 to March 2019

Responsibilities in operations:

- Preparation of SOP for chemical and physical test.
- Manage all Documents and Update on daily basis.
- Generation of test report in SAP system.
- Facing customer audit and ISO 9001: 2015 audit.
- Do Internal Audit within Organization
- Verifying quality records with testing persons.

Work responsibilities in Testing:

- Planning, scheduling and execution of daily Testing
- Chemical testing (heat loss, ash content, Acetone extraction, sulphur content, differential calorimetry scanning, Iodine Number, polycyclic aromatic hydrocarbons test etc..) & physical testing (Mooney Viscosity, Tensile test , Plasticity retention index test etc..)
- Creating & maintaining all necessary Testing based records for Auditing purpose.
- Contribute for effective handling of Raw material complaints and arrange to implement necessary corrective and preventive action

Shiva Pharmachem Limited, Luna, Padra, Vadodara, Gujarat

(Acids, Alkyl Chlorides and Intermediates Chemical Industries)

Production Department

June 2015 to July 2016 (1 year and 1month)

Responsibility:

- DCS operation
- Responsible to execute the production in the shift through the various stages of manufacturing as per the production plan in a manner to ensure compliance to quality, safety & regulatory requirement & maintaining the cost within budget.
- Managing production related tasks including planning, control and troubleshooting.
- Setting up production targets and achieve the same within the time and cost parameters.
- Optimizing man, machine & material utilization to achieve preset production targets.

- Achieving of Daily/ Monthly plan/ Production targets.
- Controlling losses as per agreed norms.
- Responsible for generating information related to RM, PM, FG & semi-finished.
- Inter departmental communication for planning & change.
- Compilation of data for trend analysis.
- To maintain highest level of Safety / Quality process standard.
- Work Permit & Safety follow up of Hazardous Chemicals..
- Co-ordinate with sub-ordinates and other department for smooth functioning of the entire activity during a shift.
- Preparation of different reports like Daily Production Report, RM consumption and down time on monthly basis. To prepare associate's shift schedule.

Key Skill: Distillation process (Batch, Continuous distillation & Vacuum distillation), Heat transfer, Mass Transfer

TECHNICAL SKILLS

- Process Implementation
- Distributed control system operation
- Distillation
- SAP
- MS-office
- Carried out basic engineering for the projects(preparation of pfd ,equipment list,material balance, heat balance).
- Knowledge Of Process Simulator(aspern hysys, aspen plus, aspen edr,aspern properties).
- Equipment sizing and preparation of equipment data sheet.
- Hydraulic calculation (pumps, compressors, control valve).
- Design of heat exchanger, distillation column, tank, separator.
- Controle valve sizing.
- P&id understanding and drawing.
- Pressure safety valve.
- Cost estimation and all list.
- Hazop study.
- Hydraulics - understand how pumps/compressors and piping work together to get fluids from point A to B.
- Designing of plant using softwares like aspen hysys, aspen plus.
- Good understanding of equipments like heat exchanger, condenser, reboilers, reactors, distillation column.
- Knowledge of mass transfer ,heat transfer phenomenon.
- knowledge of oil and gas process like ,gas dehydration, oil manager,gas compression, NGL fractionation.

ACADEMIC HISTORY

Degree	College/ University	Grade/ Percentage	Passing year
Master In Chemical Engineering	Vishwakarma Government Engineering College, Chandkheda	7.76 CPI	2015
Bachelor of Engineering In Chemical	Kankeshwaridevi institute of technology, Jamnagar	6.77 CGPA	2013

ACADEMIC PROJECT

- **Post Graduation Project:** “Optimization of effect of salts on Freezing Point Depression”
- **Graduation Project:** “Removal of Sulfur from Gasoline by Pervaporation”

PERSONAL VITAE

Permanent Address: B-705 - Punya Bhumi, nr SBI Bank, Paldi, Ahmedabad

Date of birth : 27th September 1990



Imagination to Innovation

Chemsysys Process Engineering Pvt Ltd

Certificate Of Training

This is to certify that Mr./M^{ys}. Patel Bhaumik Sureshbhai has completed training in
Chemsysys Process Engineering Pvt. Ltd. for Process Plant Design Advanced
course from the period of 8th April 2019 to 10th June 2019
His/her performance was found to be Excellent during the course.

Authorized Signatory



ISO 9001:2015 CERTIFIED