

RESUME

Nishilkumar V. Chauhan

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Career Objective:

To work hard with full determination and I will put my all abilities and learning skills to achieve organizational as well as personal goals.

Academic Profile:

- **Bachelor of Engineering (Chemical)-2018**
L.D. College Of Engineering, Ahmedabad-380015
Gujarat Technological University **8.97/10 CGPA & 8.67/10 CPI**
- ✓ **HSC- 12th -2014**
Utkarsh Vidyalaya – Vadodara
Gujarat secondary and higher secondary education
Board –Ahmedabad **Result- 74.6%**
- ✓ **SSC – 10th -2012**
I.N Tekrawala School, Surat.
Gujarat Secondary Education Board – Ahmedabad **Result-88.2%**

Final year Project:

- **Manufacturing of HIGH DENSITY POLYETHYLENE by Dupont-Sclairtech process**
(Suggested modification in Ethane-Ethylene distillation column by using Heat integration with vapor recompression concept)

Work Experience:

Duration : From June 2018 - Till Date (3 Years+ experience)
Company : M/s. Deepak Phenolics Limited, Dahej
Project : Cumene Plant (2,60,000 MTPA)- Licensor- UOP Honeywell,

Deepak Phenolics Ltd. has put up a new project for **Cumene plant (Petrochemical unit)**. The capacity of Cumene is 2,60,000 TPA. I was being the part of **Pre-commissioning and commissioning** activities. Now working as **DCS Panel Executive in Cumene Plant**.

Commissioning and Pre-commissioning activities/Experience:

- ✓ Good understanding of PFD and P&ID.
- ✓ Involved in preparation of flushing plan for smooth pre-commissioning activities of plant.
- ✓ loop flushing, Air drying, Cardboard blasting, Leak-test, Moisture freeing, Safely hydrocarbon entering.
- ✓ Interlock testing at DCS, Functional loop and complex loop checking, OTS training.
- ✓ Member of licensor training team at Deepak Phenolics Ltd, Dahej site for Cumene plant.

Responsibilities:

- ✓ Plan & Co-ordinate day-to-day operational activities of plant & maintain quality and quantity of production with safety & environment norms.
- ✓ Handle Field Operations such as maintenance and changeovers of equipment, coordination between control room and field operators.
- ✓ Handling of plant in case emergency like power failure, steam failure and other emergency.
- ✓ Ensure production activities in coordination with the QC & Maintenance Departments.
- ✓ Plant hydrocarbon charging and monitoring during start-up.
- ✓ Plant start up and shutdown activities.
- ✓ Ensure standard operating procedures are being followed during the shift to carry out the routine operations of all major equipment.
- ✓ Monitor and Control **Alkylation Reactor Temperature profile, High pressure and Vacuum Distillation Column Temperature profile** for desired product quality.
- ✓ Familiar with Deluge system, Monitor and communicate F&G through DCS in case of any emergency.
- ✓ Familiar with SOP's making, Preparing DPR(Daily production report), Oracle inventory (ERP daily stocks entry)
- ✓ Handling of,
 - Packed bed Alkylation reactor
 - Propylene separation column(High pressure distillation column)
 - Depropanizer column
 - Benzene column
 - Cumene column
 - PIPB column(Vacuum column)
 - Transalkylation reactor.

Personal traits:

- ✓ Always having positive attitude and sense of responsibilities.
- ✓ Work actively with operating staff and maintain good relation with the co-workers.
- ✓ Take active part in solving plant problems.
- ✓ Self-motivated with good inter personal & communication skill

Personal Details:

Nationality: Indian
Religion: Hindu
Date of Birth: 17th September, 1996
Gender: Male
Marital Status: Unmarried
Language Known: English, Hindi, Gujarati

Contact Detail:

Permanent Address: 24/Janki row house, Opp. Pinal row house, Honey park road,
Adajan, Surat, Gujarat -395009
Mobile No.: 8866273255

I Nishilkumar Chauhan, hereby confirm that the above-furnished details are true and correct to the best of my knowledge.

Nishilkumar V Chauhan

