

Curriculum Vitae

Mr. Nitin Ravindra Mali

Sector 4E,near sudhagad school,
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CAREER OBJECTIVE

I am enthusiastic Chemical engineer seeking an opportunity in field of process design engineering where I can design and optimize chemical processes, ensuring product quality and safety and further enhance my skills and knowledge and contribute towards the growth of the organization.

EDUCATIONAL QUALIFICATION

Qualification	University/College	CGPA/%	Year
B.tech in Chemical Egg.	UICT, Jalgaon	8.16	2022
Diploma in Chemical Egg.	Government Polytechnic, Pen	84.79	2019

WORK EXPERIENCE

Worked as **Senior Executive** at Supreme Petrochem Ltd.Raigad (ISO 9001,14001:2015 & 45001:2018) from Oct 2022 - Dec 2023.(1 year 2 months)

Responsibilities :

- **DCS:** As a panel officer I oversee and ensure safe, smooth and efficient operation of process plant and utilities system. I was responsible for making daily production plan according to customer requirement & meeting daily production targets of both continuous as well as manual process. Operates control panel to regulate temperature, pressure and rate of flow and also tank level processing. Monitor of trends and performed logical corrections to prevent interruptions of system operation.
- Knowledge of both continuous as well as batch processing and utilities operation.
- Knowledge of operation of CSTR, PFR, Drying system, Boiler, Effluent Treatment Plant, Primary Treatment Plant, Zero Liquid Discharge, Heaters, Palletizers, Pumps,etc
- Knowledge of erection and commissioning of slurry storage tanks.
- Handling and safe storage of hazardous chemicals like Pentane, Hydrochloric acid, Phosphoric acid, Styrene,etc.

SOFTWARE

- Introduction to Aspen Plus & Aspen HYSYS, DWSIM, CHEMCAD, MATLAB,etc.

TECHNICAL SKILLS

- Line sizing for Liquids & Gases & Pressure drop calculations
- Piping Line List
- Pump Calculations Sizing & Datasheet
- Control Valve Sizing & Calculation
- Design of Heat Exchanger & Cooling Tower
- PSV/PRV/RD, Pressure Setting Criteria & Relief events
- Design & Classification of Storage Tanks
- Breather Valves & Venting requirements as per API 2000
- Know about types of Valves & Applications
- Introduction to BFD, PFD, UFD, P&ID
- Relevant Codes & Standards used in Chemical & Process Industry
- Air Moisture Separator Calculations as per GPSA
- Equipment Process Datasheet, Instrument Process Datasheet
- Hazardous Area Classifications (HAC)

PROJECTS & TRAINING

- Three months industrial training at RICPL Aurangabad.
- One month industrial training at JSW Ltd. Dolvi.
- Synthesis of useful traction like diesel range fuel oil from tamarind seeds.
- Automation of oxalic acid plant.
- Role of Chemical engineer to control emissions from thermal power plant-PSA.

AWARDS

- Won State level science exhibition DIPEX 2019 Nanded.
- Won State level science exhibition REX2K19 Roha.
- Won State level quiz competition Chem-O-Philia 2021 conducted by IIT Bombay.

PERSONAL DETAILS

- Father's Name : Mr. Ravindra Natha Mali
- Date of Birth : 16 May 1998
- Nationality : Indian
- Gender : Male
- Marital Status : Single
- Language Known : English,Marathi,Hindi

DECLARATION

I hereby declare that every information is true and I am solely responsible for its authenticity.

Date.....

Place.....

(NITIN RAVINDRA MALI)