

CURRICULUM VITAE

Joseph Mathew

(B.Tech. Chemical Engineering)

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Career Objective:

Seeking for a challenging role in a reputed company as a Process and Chemical Engineer to utilize my engineering skills that can be contribute for company's growth as well as enhance my knowledge by exploring new things.

Area of Interest:

- **Process Engineering, Technical Services & Production Engineering.**

Education:

Course	Institution	Board/University	Year of passing	Percentage/CGPA
B.Tech. (Chemical)	Toms College of Engineering Kottayam Kerala.	APJ Abdul kalam technological University Kerala	2020	7.26 CGPA
H.S.C	ST Jude's HSS Vellarikundu.	Kerala State HSE Board	2016	82%
S.S.L.C	ST Jude's High School, Vellarikundu.	Kerala State Board	2014	80%

Technical Skills

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

Additional Skills

- Excellent communication skills
- Fast learner
- Strong problem-solving & analytical skills
- Adaptability to changing situations

Work Experience:

1. Production Engineer Trainee at PPG ASIANPAINTS Pvt. Ltd, Sriperumbadur Chennai.

(Oct 2020-Dec2021)

Responsibilities:

- Upkeeping and Updating of Batch Process Cards
- Knowledge of Paint Finish Checking methods.
- Updating PO and raw materials checklist.
- Knowledge of handling different resins, solvents, additives etc.

2. Plant Operator at Clar Aqua Engineering Services Chennai.

(July 2022 -June 2023)

Responsibilities:

- Knowledge about STP, WTP, UF, RO operations
- Water Quality checking methods like TDS, PH etc
- Knowledge about Waste water treatment and Pumping systems

Courses Attended

- ‘**Process Design Engineering**’ course from ‘**S B TECHNOLOGIES**’ Mumbai.
- Introduction on Software (**ASPEN-HYSYS, HTRI, FLARENET**).

Personal Details

- Permanent Address : Puliyanickal H Punnakkunnu PO Vellarikundu kerala.
- Date of Birth : 26thMay, 1998
- Languages known : English, Malayalam, Tamil, Hindi.
- Hobbies : Trekking, Reading, listening to music, Playing Cricket.
- Passport : Available

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge & belief.

Date :

Place :

(Joseph Mathew)