

CURRICULUM VITAE

RAKESH PREMLAL TICHKULE

B.Tech Chemical Engineering

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Laxminarayan Institute of Technology, Nagpur

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Education

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| ➤ B. Tech Chemical Engineering, LIT Nagpur , Maharashtra. CGPA – 6.38/10 | 2012-2016 |
| ➤ H.S.C. Maharashtra State Board Marks – 76.50 % | 2012 |
| ➤ S.S.C. Maharashtra State Board Marks - 86.36 % | 2010 |

Area of Interest

- ✦ **Process Design Engineering**

Technical Strengths

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

Work Experience

- ✦ **Technical & Production Engineer** at AMA Industries, Nagpur. Mar 17 to Feb 19

Responsibilities

- Calculate Line sizing and pipe specifications
- Prepare hydraulic calculations to finalise pumps.
- Preparation of line list and instrument list.
- Sizing and datasheets of process equipment.
- Preparation of Utility summary.
- Successfully managed production of Penta Erithritol tetra Nitrate which includes Nitration reaction & Crystallisation process.
- Giving proper Shutdown to unit for maintenance, Maintaining Log books and records of different units of PETN Plant.

Industrial Training

✦ Vocational Trainee at NRL Golaghat, Assam

June - 2015

Activities & Achievements

- ✦ Successfully increased the quality and quantity of production by design, modification and thus increasing the efficiency.
- ✦ Student member of Indian Institute of Chemical Engineers, Kolkata

Courses Attended

- ✦ Process Design Engineering Course from "**SB TECHNOLOGIES**" Mumbai
- ✦ One day training on Introduction of Software (**HTRI, ASPEN-HYSIS, FLARENET**)

Technical Presentation

- The Presentation on Chemical Reaction Engineering & Reaction Kinetics, from SB TECHNOLOGIES

Personal Details

- Current Address : A1, Flat no 21, sahyadri nagar , near charkop market, kandivali west, Mumbai 400067
- Permanent Address : Govardhan Nagar Tumsar, Dist- Bhandara MH 441912
- Date of Birth : 18 Feb 1995
- Languages Known : English, Hindi, and Marathi
- Hobbies : Internet Surfing, Watching Cricket & Kabaddi, Reading about mobile tech.

Declaration

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

Date :

Place :

(Rakesh Premlal Tichkule)