



MUBASHIR AMEEN K P

CHEMICAL ENGINEER

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Birth Date

10-08-1996

Nationality

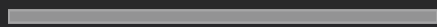
India

SKILLS

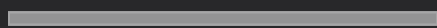
Excellent Verbal Communication Skills



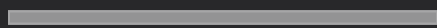
Tutoring And Mentoring



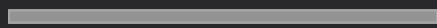
Basic Maths



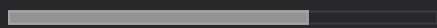
Team Leadership



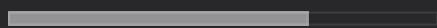
Organisation And Time Management



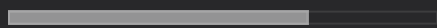
Solid Analytical Skills



MS Office



Adaptability



PROFILE

Tech-proficient Graduate Trainee with One year of Oil&Gas experience. Strong analytical skills with keen eye for details. Builds effective, professional relationships with individual and teams

EDUCATION

Bachelor of Technology in Chemical Engineering, APJ Abdul Kalam Technological University, Kerala

Kollam | 2015 August - 2019 May

Higher Secondary Education, MES Higher Secondary School

Valanchery | 2012 August - 2014 May

High School Education, MES Higher Secondary School

2011 June - 2012 March

EMPLOYMENT HISTORY

Graduate Trainee, Petronet LNG Ltd.

Ernakulam | 2019 December - Present

Professional Experience includes:

- Studied the operation of Compressors, Pumps and Cooling fans including starting/stopping, change over, Load/unload changing.
- Studied the process of production of liquid Nitrogen by Distillation of atmospheric air.
- Studied working of Screw compressor (Which is working on loading/unloading scheme) and Reciprocating compressor.
- Conducted detailed study of Liquefied Natural Gas (LNG) Storage tank, Diesel storage tank and Glycol water storage tank by comparing all together.
- This study includes effect of pressure and temperature on material in each tanks and precautions taken for avoiding its dangerous after effects.
- Study of parts of Shell and tube heat exchanger and multi-stage high pressure pumps and their working.
- Conducted heat and mass balance in LNG Shell and Tube vaporisers.
- Trained to deal with Cryogenic materials (Especially LNG) and learned its

LANGUAGES

English

Malayalam

Hindi

safety aspects.

- Working experience on Sewage Treatment Plant (STP)–Studied all unit operations in STP and drawn Process and Instrumentation diagram of the same(Excel drawing)
- Studied liquefaction of Boil of Gas(BOG) in re-condenser with the help of Pressure-Temperature-Phase diagram
- Conducted manual routine pressure and flow readings from DCS as well as from field.

Assisted Operation Engineers in following areas :

- Working on control panel thereby controlling the overall parameters of the unit
- Modified controls to regulate temperature, pressure, feed and flow of liquids and gases while monitoring outcomes and promoting successful processing.
- Practiced to check Dew point and Explosive limit values of different working as well as idle line
- Evaluating safety processes and procedures to check safety of working conditions, especially of an LNG plant.
- Determining corrective actions for maintenance when equipment failed or required repairs.
- Prepared standard operating procedures (SOPs) documents for the interns.

INDUSTRIAL EXPOSURE

- Undergoing Apprenticeship training at Petronet LNG Ltd. Kochi Terminal
- Successfully completed 15 days internship at BPCL Kochi Refinery
- Worked as an Intern at Travancore Cochin Chemicals,Ernakulam
- Completed One day Industrial Visit at HLL Lifecare ,Trivandrum

AREA OF INTEREST

- Expertised in Process Calculation including Heat and Mass transfer operations
- Industrial Equipment Designing
- Thermodynamic aspect study of a reaction

PERSONAL PROJECTS AND WORKS

- Main Project: Kinetic study of absorption of Carbon dioxide in Sodium hydroxide by using Wetted Wall Column(2019)
- Mini Project: Study of Design of multiple Effect Evaporator (2018)
- Seminars: 1)Synthesis of Cellulose Nano-Fibres and its application
2)Industrial Material balance of Production of Sodium Chloride

ACHIEVEMENTS

- Chegg Subject Matter Expert (Chemical Engineering) from past two years where used to provide quality answers which helped to have a thorough basics of Chemical Engineering topics.Solved 500+ questions with a CF score of above 85%.
- Main Project paper presented and published in Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering organised by MEA College of Engineering,Malappuram

HOBBIES

- Numerical Problem solving
- Sports
- Travelling

REFERENCES

Available on request