

CURRICULAM VITAE

J. Mohamed Azarudeen

Chemical Engineer & HSE Officer

+973 35668482 (Bahrain)

azarchem9@gmail.com



GCC Driving license No: 911040684

PROFESSIONAL SUMMARY:

To obtain a challenging career in the field of Oil and gas, Petrochemical, Wastewater treatment plant and manufacturing division, where I can utilize relevant qualifications and experience gained over the past 9 years. Having acquired a high level of competency in the key areas, I am positive that I would make a great addition to your leading company.

EDUCATION QUALIFICATION:

- ❖ **B. TECH – CHEMICAL ENGINEERING** AMACE, Anna University Chennai
- ❖ **NEBOSH – IGC 2 & 3 International General Certificate**, United Kingdom
- ❖ **PDMS – Plant Design & Management System**, Kagira Drawing Solution
- ❖ **Ministry of Works Approved Safety Officer** in Bahrain

EXPERIENCE:

PROCESS SAFETY SUPERVISOR

MC SIX Construction & Industrial W.L.L

August 2017 to till present

Kingdom of Bahrain

- Responsible for Operation and Maintenance of equipment, engineering new processes and upgrades to existing equipment, selection and installation of new equipment for production of new products.
- Conducting emergency preparedness plan and drills, safety meeting, Daily Toolbox talk, checking safety measures in equipment & Weekly and monthly report.
- Working knowledge of Water related projects including Softener, Wastewater treatment plants (**RO,UF,SBR,MBR,MBBR,MEEP,ETP,DM plant**), pumping station, Filtration process, Swimming pool maintenance, cooling Tower, RO membrane service and pipelines.
- Working knowledge of Maintain the Lab Equipment Gas Analyzer, Spectrophotometer, Oven, Turbidity meter, Gas chromatography, Muffle furnace, Microscope, Vacuum pump, HPLC and other water analysis Lab Instrument & Equipment's.
- Responsible and preparing report for risk assessment, auditing all permits to work documents to include work permit, traffic permit, lock out Tag out, Hot work, Excavation and Confined Space entry and site safety.
- Plans, organizes, facilitates, and leads risk assessment workshops utilizing analytical tools such as **FMEA** (Failure mode Effects Analysis), **RCFA** (Root Cause Failure Analysis), **HAZID**, **HAZOPs**, Quantitative Risk Assessment (QRAs).
- Experience in live safety monitoring equipment, instrumentation, process control, HVAC, and electrical design. Experience with chemical processing equipment and facilities.

PRODUCTION ENGINEER

Oren Hydrocarbons Private Limited


Oct 2016-Aug 2017


Andhra Pradesh


- Operation and Maintenance of Propylene, Ethylene Feed Line Rotary & Static Equipment's Planning and Corrective / Preventive Maintenance.
- Planning and supervision experimental work in a laboratory and manufacturing environment.
- Accident / Incident investigation and risk analysis. Identifies areas for improvement based on analysis.
- Well knowledge in operating SCADA Process in Rockwell Automation

- Relations with R&D and QC teams for better Production.
- Working knowledge of Drilling fluid equipment Plant Batch Reactor, Six Sigma Mixers, Paddle Mixers, Distillation Column, Heat Exchanger, Reboiler, Screw Press, Decanter, Vacuum Dryer, FBD Dryer, Pulverize, Cutting Machine, Pumps, Cooling towers, Chillers, Air compressor.
- Maintaining production log sheets in every shift and handling the Manpower
- Review the piping, Instrumentation, electrical Drawing and Documents.
- Preparation of engineering scope & customer / vendor inputs plan

FIELD OPERATOR

 Kothari Petrochemical Private limited


 July 2015 - Oct 2016

 Chennai

- Kothari petrochemical is a downstream industry of Chennai Petroleum Corporation limited (CPCL) supplying C3 to C5 hydrocarbon feed stock for the mfg. of poly Isobutylene (PIB).
- Trouble shooting with minimum loss of production and quality of product.
- Co- ordination with shift in charge and other process operator for smooth operation.
- Co-ordination with maintenance department for preventive, shutdown, and breakdown jobs.
- Shutdown and start up planning major maintenance programs and plant modification work.
- Working knowledge of Refrigeration unit (**vapour compression and vapour absorption**)
- Working knowledge in **loading/ unloading petroleum products** (LPG, DIESEL, FURNACE OIL, PAC, CMC, STARCH, Polybutene)
- Working knowledge of Petrochemical plant equipment Distillation columns (1. Atmospheric 2. Vacuum 3. Depropanizer 4. Debutanizer), DM plant regeneration, Pumps and Heat Exchanger, Fluidized Bed Reactors.

SITE SUPERVISOR

 Aqua Engineers & Consultant Private Limited

 Dec 2014 - July 2015

 Chennai

- Tests water samples determine acidity, color and impurities using colorimeter, turbidity meter and adjust PH.
- Good leadership skills, good engineering problem solving skills, good interpersonal and communication skills, and passion about the job mission.
- Operated and maintained all pumps, **Air blowers, Agitators**, Floating aerators, Mixers, **MOV Compressors**, and repaired and lubricates machines and equipment, using hand and power tools.
- Carried out installation and commissioning of Network lines for Pumping station and STP.
- Executed fast track installation of network equipment's such as gate valves, MOV, NRV, Air relief valve & flowmeter etc.


TECHNICAL QUALIFICATION

NEBOSH IGC 3 


Plant Design and Management Systems 


Scaffolding Erection, Dismantling and Inspection

COSHH 


Firefighting System 

NEBOSH HSW 

First Aid at Work 

Award in fire safety. 

Diploma in Desktop Publishing. 

Hazardous Waste operations and emergency response management 

PERSONAL DETAILS:

Gender : Male
 Marital Status : Married
 Nationality : Indian
 Language Known : English, Tamil, Hindi, Malayalam

DECLARATION:

I hereby declare that the information furnished above is true and correct to the best of my knowledge.