

Engr·MUHAMMAD ALI

Carrier Objective:

To develop technical, managerial skills and utilize them for uplift of respective organization. To be a part of a leading team requiring, drive, initiative, responsibility and challenges.

AFFILIATION:

- 1) **Pakistan Engineering Council.# CHEM/05218**
- 2) **Saudi Council for Engineers. # 149820**

Professional experience:

1. Lead HSE Engineer

Presently work with Olayan Descon industrial / Engineering Company as Lead HSE Engineer. To support project team in HSE matters, responding submission and fulfill all HSE related requirements. To ensure implementation of company HSE rules & procedure while working on project with Saudi Aramco Abqaiq Plant.

2. I/C HSE JMW

01 / 12 / 2014 - 01 / 08 / 2015

Jubail Olayan Descon Workshop

Work with Olayan Descon as I /C HSE JMW & Tanks section unit to fulfill all HSE related requirements for the implementation of company HSE SOPs (rules & regulations as stated in company HSE policy) committed by top management. To develop HSE awareness its importance amongst employees while performing and complete of jobs safely. Conduct audit / inspection of manufacturing workshop in house and with clients / customers (external) as well. Fulfill all HSE requirements for the workshop as per standard of Royal Commission and Civil defense.

3. I/C HSE Yanbu workshop

Olayan Descon Yanbu region 01/01/2009- 02/10/2014

Work with Olayan Descon as I/C HSE Yanbu region to handle all HSE matter at yanbu workshop. Prepare HSE plan for the workshop and plants as well. Develop safety awareness amongst the worker and its importance during jobs execution.

Approved / Certify Olayan Descon Yanbu Operation BUs from Royal Commission for EPO (Environmental Permit to Operate) while fulfill all documents and other requirements such as minimum emission of pollutant to the environment up to the acceptable level of Royal Commission. Prepare and digging of 03Nos of water well sample as per Royal Commission requirements.

4. HSE SITE I/C

Olayan Descon Plant service

Work for Olayan Descon site HSE I/C to handle all the HSE matters for the shutdown activity. Successfully complete four shutdowns of different petro-chemical plants & refineries in the kingdom (KSA) with timely & safely completions.

5. Senior Engineer / In charge HSE

Olayan Descon Industrial Company (ODICO) – Saudi Arabia

23/09/2007 – 31/12/2008

In charge HSE for PETRO-RABIGH refinery project. I/C HSE for project site to make sure implement safety rules and awareness amongst the employee for safe work. Check all types of heavy lifting equipment to ensure No accidents/ incidents policy for smooth progress and completion of project. After completion of the project TAL (Technimont Arabia Limited) awarded Olayan Descon as a best **CONTRACTOR** working at Petro-Rabigh project.

On project site follow the Aramco Standard during the erection.

- To create HSE Behavior Base Safety culture and attitude program.
- Ensure compliance of occupational Health, Safety and Environmental awareness.
- Checking of lifting equipment (different kind of CRANE) for safe working.
- Ensured safety regarding to Radiography.
- To advise management on HSE matters.
- Risk Analysis of critical jobs and preventive/corrective measures.
- Scheduling, Inspection and HSE Audits.
- Ensure Safe Work Practices and compliance (PTW) Permit to Work Policy.
- Incident/Accident investigation, reporting and follow up to avoid reoccurrence.
- Coordinates HSE issues with Management, Employees and contractors.
- Environmental impact Control.

6. Engineer HSE

Attock Refinery Limited (ARL) Rawalpindi – Pakistan

19/07/2001 – 21/09/2007

Working in Attock Refinery Limited at HSE department as an HSE Engineer.

7. Courses:

- Attend & successfully completed 03day course on EFFECTIVE COLLABORATION by MERIC Saudi Arabia 24-24 May, 2015 at Jubail Golden Tulip Hotel KSA.
- Attend 03days course as an internal auditor for ISO-9001, ISO-14001, and OHSAS-18001 & ISO29001 by TUV Nord at Olayan Descon Head office Jubail on 09-11 February, 2015.
- Attend 03days course for Health & Safety Level-II, Fire prevention Level-II and First Aid / CPR at workplace by RICI in Radisson Park INN at ALKHBOAR KSA on 21-24 February, 2015.
- Attend Lead Auditor 5days course on ISO-14001 2004 through Diversy (USA) at Riyadh KSA.
- Attend NEBOSH IGC course through Safety Catch in Riyadh KSA.
- Attend First Aid level-2 course arrange by DIVERSY USA at Radisson Blue Yanbu KSA by Mr. Peter Byrne
- Attend & qualify ISO14001-2004 EMS Internal Auditor course at Olayan Descon Industrial / Engineering Co by TUV Nord of Germany.
- Attend one week short course in Attock Refinery Limited on “FIRE PROTECTION & SAFE WORK PRACTICE”.

- Attend two days course in Pakistan Engineering Council at Islamabad on “Environmental Issue & Pollution Control”.
- Attend two days course in Pakistan Engineering Council at Islamabad on “Role of Chemical and Mechanical Engineers in contracting and non-contracting Environment”.
- Attend and certify Aramco work permit receiver at RIYADH refinery.
- Attend and certify lockout/Tag out at petro-rabigh KSA.

WORKING ON REFORMER PLANT

At Reformer plant (D.C.S.) Honeywell TDC3000x
(5,000 BPD Production) Produce 90+ RONc (Lead Free) Reformat NHT (Hydro-treated Naphtha.

- Observing & Handling of plant to keep production within specification.
- Controlling different parameters of product on D.C.S.
- Monitoring of Compressor Heat Exchangers Pumps & Heaters of plant in operating condition.
- Supervision of maintenance work in normal condition as well in shutdown condition.

EMERGENCY HANDLING & Preparedness:

Attend different types of Mock drill & actual emergencies. During working / process Power failure, Fuel gas failure, Process pumps cavitations & compressor Tripping problem.

- I) Attend / lead of ARL ERT at MARGALLA tower Islamabad collapsed during 2005 earth quack to evacuate people inside the building / tower.
- II) Participate voluntarily during earth quack at BALAKOT Pakistan in 2008.
- III) Fuel Gas supply cut off to heaters / furnaces.
- IV) Falling of heavy objects during erections.
- V) Falling of personnel during working at height.
- VI) Heat stroke or inhalation of chemicals.
- VII) Heart attack / wounds / bleeding/ cutting due to grinders or other sharp objects.
- VIII) Fire on sites / evacuation of all employees from site to safe assembly points.
- IX) Head counting / report preparing.

8. COMPUTER SKILLS:

MS Word, Excel, Power point & Internet Applications.

9. ACEDAMIC RECORD

1. B.Sc Chemical Engineering from University of Engineering & Technology Peshawar (N.W.F.P.)
2. Diploma of Associate Engineering (D.A.E.) from Government College of Technology Peshawar (1st Position in board).
3. S.S.C. (Metric Science) from Government high School Dosehra (Charsadda) N.W.F.P.

Instead of professional Education I have a Degree of,

4. B.A. Degree from University of Peshawar.