

ZAIN ANWAAR

(Chemical Engineer)

+971-558514159/+92-316-7002266 • zainanwaar1995@gmail.com

Career Objective

To gain a dynamic and challenging role in the area of Chemical Engineering that will offer me the best opportunity for further development of my abilities, skills and knowledge in an established firm with long term career growth.

Education

University of Engineering & Technology (3.1/4)

M.Sc. Chemical Engineering

Lahore, Pakistan

2016-2018

Bahauddin Zakariya University (NFC I.E.T.) (3.48/4)

Bachelor of Science, Chemical Engineering

Multan, Pakistan

2011-2015

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION (80.7%)

F.Sc. (Pre-Engineering)

Multan, Pakistan

2009-2011

Got 1st Division.

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION (83.9%)

Matriculation.

Multan, Pakistan

2007-2009

Got 1st Division

Experience

November 2017 to present

Velosi Certification Services L.L.C. (Abu Dhabi)

Post: Chemical Engineer.



Working on asset of **ADNOC** (SQM) as a junior process engineer in order to accomplish following goals:

- Full field assessment of the asset (**SQM-SHAH, QUSAHWIRA and MENDER**).
- Identify new projects, facility modifications and change in operating conditions.
- Verify status of As-built **P&IDs** compared to installed facilities through asset walkthrough.
- Mark up discrepancies in the P&IDs and list their impact on other drawings i.e. **PFDs, Plot Plans and C&E**.
- Assess gaps in existing **Operating Manuals & Procedure's** content for required improvement.
- Prepare Operating Manuals & Procedures as per client's TOR (Company **HSE, PTW, Isolation by LOTO, TRA** etc.).

Other responsibilities include:

- Preparation of list of modifications for each site.
- Preparation of Project Definition Report (PDR).
- Preparation of weekly progress report.
- Preparation of monthly progress report.
- Preparation of Minutes of Meeting.

Internship at DESCON Headquarters, 18-km, Ferozpur Road, Lahore.

(14th July, 2014 – 14th August, 2014).

Have done a four-week internship in DESCON Headquarters.

- *Project Management*: Learnt about planning and guiding **project** processes from start to finish.
- *Primavera Software*: Acquired knowledge to operate primavera for project management.
- *Communications*: Made communications within the organization as well as with vendors.



The Pakistan Council of Scientific and Industrial Research (PCSIR).

Have worked with a researcher from New Castle University, on the **pyrolysis** of waste material to get combustible gases. Also, worked on the **Torrefaction** and **Gasification of biomass**.

Academic Activities

Final Year Project

Multan, Pakistan

Proposed following things for **Sulphur Reduction of 15000 BPD Diesel Fuel**.

- Process Flow Diagram
- Material and Energy Balance
- Designing of Equipment
- Cost Estimation
- Instrumentation
- Material Safety Data Sheet
- Plant Location

Joined **PARCO** for a week to grasp proper knowledge about our project.

Led my group to complete project in time.

Mini Project

Extraction of perfume from rose petals by condensation.



Certifications

PIPE01X: Introduction to Oil Country Tubular Goods

Have done the above mentioned certification from the **Tenaris University** and explored the followings:



- Introduction to OCTG products
- Learnt about steel grades
- Explored about connections used in piping
- Got knowledge about String Design and Material Selection
- And whole production process of pipes

Hydrogen Sulphide Awareness and Escape Training Level-2 for ADNOC Onshore

Have completed the training regarding the awareness and escape from hydrogen sulphide gas from **Emirates Technical & Safety Development Center**. Acquired knowledge about followings:



- How to recognize hydrogen sulphide.
- How to protect yourself.
- The procedure to be adopted for escaping, if exposed to this toxic gas.

Continuous Professional Development. PEB-P-NFCIET-0024 (9th June, 2015).

- Working Guide to Process Equipment.

Additional Skills

- Software Skills: MATLAB, Simulation and MS Office.
 - Interests: Watching movies. Reading newspaper and books. Attending events and sessions.
 - Fluent in English (Speaking, reading and writing).
 - Was an active member of musical and dramatic society (MADS) in University.
 - Badminton player.
-

Personal Information

Father: Anwaar ul Haq
Religion: Islam
ID: 36302-7612310-1
Nationality: Pakistani
Gender: Male
Marital Status: Single
Address Temporary: Abu Dhabi, UAE.
Permanent: Multan, Pakistan.