

Shafiq Ahmed

B.E Chemical Engineer

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Career Objective

As a Chemical Engineer, I intend to establish a rewarding career and to achieve and maintain a good position in an environment with a progressive organization where I could contribute my experience and skill for mutual benefit and growth.

Experience

CSR Trainee

Oct-2017 to Present

BOBI LPG PLANT OGDCL

Distt.Sanghar Sindh.

Currently I am working at **OGDCL BOBI Oil Complex** District Sanghar Sindh as a CSR trainee from October 2017 in **Plant and Process Department**. During this training period I have studied P&IDs and gained depth knowledge of following Process and Utility Area.

Condensate Stabilization System:

- Handled Process area (Separators and Heat Exchanger) for stabilization of condensate by maintaining RVP as per API standard.
- Equipment Adequacy/vendor review for separators and Heat Exchangers.
- Troubleshoot various issues in separators and heat exchanger.
- Sufficient insight of control loop, Instruments set points, Alarm and Trip setting and cause & effect.

Gas Compression and Dehydration System:

- Monitored the working of Gas compressors and Dehydration system.
- Sufficient insight on process parameters and cause & effect.
- Troubleshooting and Monitored maintenance activities of Gas Compressor (Reciprocating Compressor) and Glycol and LPG/condensate Pump (Plunger and Centrifugal pumps).

Refrigeration System

- The main unit of LPG plant is refrigeration package, where hydrocarbon dew point is controlled and recovery of LPG maximizes.
- Monitored the working of this system and troubleshoot various issues of this system which consist of Screw Compressor, Chiller, condenser, JT-Valve and MEG injection System.
- Gained sufficient knowledge about process parameters and their cause & effect on process.

LPG Stabilization System

- The LPG Stabilization System is consisting of De-ethanizer, De-butanizer and Condenser where Residue is controlled according to API standard.
- Gained sufficient knowledge of controlling RVP and Residue according to API standards by handling process parameters.
- Review of control loops, instruments set points, alarm and trip settings and cause & effect on process.

LPG/Condensate Loading System:

- Monitored the Loading system of LPG and condensate filling by following HSEQ rules.

Fuel Testing Lab

- Learned and performing fuel testing as per API and ASTM standard.
- Performing Gas Chromatography.
- Studied technical aspects of fuel and effect of fuel properties on fuel performance.

Utility Systems

1. Hot Oil System/Furnace
2. Flare System
3. Cooling Towers

Internship

- | | |
|---|---------------------------|
| • BYCO Petroleum Pakistan Limited | Dec-2014 to Jan-15 |
| • Gilgit Baltistan Power and Water Development. | May-2017 to Oct-17 |

Final Year Project

Designing of Turbo-Expander on HYSYS for NGL's recovery under the supervision of JJVL (**Jomshoro Joint Venture Limited**). The purpose of this project is to recover maximum NGL with higher efficiency than the old refrigeration and cryogenic process.

Areas of interest

- Process industries (Refinery, Chemical industry etc).
- Oil and Gas Sectors.
- Petrochemicals.

Education

B.E Chemical Engineering

Dawood University of Engineering and Technology, Karachi.

CGPA 3.58

Higher Secondary School Certificate

Gov't National Degree College Karachi.

Pre-engineering, Karachi Board

First Division, 75.55%

Secondary School Certificate

Gov't Boys High School Jagir Basin Gilgit.

Second Division, 52.0%

Skills

Software : MS Office, Aspen HYSYS, Autocad.

Languages : Urdu, English.

Skills Overview : Good interpersonal and Communication and Presentation Skills.
Permit to work system.

Achievements

- Got Laptop from Prime Minister Youth Laptop scheme.
- Got First position in HSSC at college level.

Personal Details

- **Sex** : Male
- **Marital Status** : Single
- **Date of Birth** : 26-Sep-1992
- **Nationality** : Pakistani
- **CNIC** : 42201-7493483-5
- **Domicile** : Gilgit Baltistan