

# KHALID NAWAZ



## Field Operator Operation

Postal Address: Mohallah Toker khel Village & P/O Mattani Tehsil and District Peshawar KPK

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## Academic Qualification :

- Diploma of Associate Engineer (D.A.E. Chemical) 2011-2014
- Matriculation (Science) 2011

## Experience Summary Total Experience: 05 Years

1. I have **01** year of working experience as **Trainee Plant Operator** in **OLYMPIA CHEMICAL LIMITED KHOSHAB** (JAN/2015-JAN/2016).
2. **04** Years of working experience as a Process Field operator at **Naphtha Hydro treating & Semi Regeneration Reforming Unit in ATTOCK REFINERY LIMITED**.  
There have Static & Rotating equipments like pumps, Compressors and Heaters at Refinery Facility. I also have experience in initial start up activities including flushing, blowing and pressure testing.



## Experience Details:

**Attock Refinery Limited (Rawalpindi Pakistan)**



## Field Operator Operations from MAY 2016 to Present

### MAJOR WORK AREAS

- **Splitter** (valve, bucket type trays and side draw solvent oil tray)
- **Steam stripper**(to maintain IBP of solvent oil)
- **Natural Draft Furnace**(Fuel gas & Hydrogen)
- **Separator** (Two phase & Three phase)
- **Stabilizer**
- **H<sub>2</sub>S stripper**.
- **PD Compressor** (Single stage double acting )
- **Heat Exchanger & FIN Fan Coolers**

### Plate-former Catalyst Regeneration Activity:

- I participated as a team member in Catalyst Regeneration activity of UOP (R-56) catalyst Under supervision of UOP persons.



### Naphtha Hydro Treating Section:

- *Naphtha Hydro treating Unit is a Pre-treatment for Catalytic Reforming Process. The Objective is to remove Sulfur , Nitrogen, Metals, oxygen(phenol) & saturation of Olefins.*
- *Hydro treating section have a bimetallic Catalyst i.e. Cobalt Molybdenum (S-120)*

### Plat forming Section [ 5000 Barrels/day] :

- *It is Semi Regeneration section in which Dehydrogenation , Isomerization, De hydro cyclization and Hydro cracking of naphtha Is done to achieve 90 RONC in the presence of Platinum Rhenium Catalyst.*

### KEY SKILLS

❖ I have performed & Supervised many Turnaround activities,

- Regeneration of **R-56** catalyst
- Skimming of hydro treating reactor catalyst **S-120**
- Plant Draining, Depressurization, Flushing, & Purging.
- Fractionating Tower & Vessel Cleaning.
- Plant Box up, Evacuation, Soap Test, & Nitrogen Purging.
- Exchangers Hydro jetting .
- Pig decoking and sandblasting
- *Supervise PWHT activity*

❖ **I have handled following type of Emergencies & Trouble shootings**

- Power Failure.
- Cooling Water Failure.
- Instrument Air Failure.
- Pumps Cavitations.
- Compressor Failure.
- Fuel System Failure

**On Job Responsibilities :**

- To keep plant in safe and smooth operation.
- Monitoring and operation of furnace , tower, exchangers.
- Maintaining daily log sheets , check lists, lab results and job list to highlight any abnormality in the parameters.
- Ensure to achieve ; on spec production targets , maintaining plant and equipment integrity in compliance with HSEQ standards.
- Emergency handling to prevent production loss and relative hazards.
- Coordination with Technical Services , QCL , HSE & oil movement.
- Supervision of daily maintenance jobs as per PTW system.
- To perform equipment isolations , draining , depressurization, purging and handover to maintenance.
- To perform occasional Shutdown and startup Activities.

**Safety & Trainings :**

- Permit to Work System Handling.
- H2S Safety, H2S Hazards awareness and Emergency handling.
- Emergency Response Plan.

**Personal Details :**

- Father's Name: Gul Nawaz Khan
- CNIC: 17301-6401555-3
- Date of birth: 21-02-1995
- Nationality: Pakistan
- Marital Status: Single
- Religion: Islam
- Passport: FS961555
- Languages: English, Urdu, Pushto