# ARSALAN QADIR

# Shift Engineer Operations

# Years of Experience 07 years

# B.E Chemical Engineer

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Job Objective

To seek a challenging position with growth opportunity in competitive environment in order to achieve professional competence & to implement my technical knowledge for the betterment of organization.

Education

**B.E Chemical Engineering** (Session: 2009-2012) from Dawood University of Engineering & Technology Karachi with **3.37 GPA**

Career Summary

A highly skilled, energetic operations/commissioning engineer with 07 years of professional experience in oil refinery, having major expertise in process operations, commissioning, startups & shutdowns, process optimization, troubleshooting and HSE.

Have a diversified Working experience with the contractor companies such as Descon Engineering and Pak-Arab Engineering for plant commissioning /maintenance activities, equipment servicing and overhauling.

Professional Experience

**BYCO Petroleum Pakistan ltd (Feb 2013 – Present)**

Byco Oil Refining Complex-II (120,000 BPD Refining Capacity). The refinery is equipped with **Yokogawa Distributed Control System (DCS)** along with **the ABB ESD emergency control system**. Working as a **Shift Engineer** in operations department with commissioning & operations experience on different refinery units.

 **Working Experience on different units: -**

* Naphtha hydro-treater
* Gas recovery unit
* Amine recovery unit /LPG sweetening
* Platformer

**Key Responsibilties**

* Ensuring safe and continuous process and related equipment
* Compliance with health, Safety, Environment, Quality (HSEQ) objectives and Procedures (SOPs)
* Following the standing instructions and safe operating procedures.
* Implementation and follow up of HSEQ regulations (PTW System, HAZARD identification and incidents notifications etc.)
* Assist the Shift Manager in daily refinery operations, troubleshooting, Volume of Work, Electrical Loads and Manpower.
* Assurance of normal supply of utilities and product quality as per quality assurance SOP.
* Prepare field equipment in allocated work area for maintenance activities, follow up execution and recommission equipment upon satisfactory completion of work
* Monitor and ensure that all operating parameters are logged and that all irregularities are reported to immediate Shift Manager for advice and/or resolution.
* Assist the DCS Boardman on yokogawa centum VP and ABB 5.1 ESD system to achieve desired products specifications.
* Establishing the process parameters at optimum conditions for high quality production.
* Ensure incoming shift Engineer is fully briefed on current operating status and significant events during previous shift, to ensure seamless hand-over of responsibilities.
* Monitor and maintain chemical dosing as per given dosage rate. Study all chemicals MSDS and discuss with the subordinates weekly.
* Emergency handling, Startup & shutdown and Annual turnarounds.
* Team Management

**WORK EXPERIENCE ON SPECIFIC EQUIPMENT: -**

* Furnace (Natural, Forced, Induced & Balanced draft), Desalter.
* Steam Turbines, Reciprocating Compressors, Air Blowers.
* Pumps (PD & Centrifugal), Heat Exchangers, Diesel Engines
* High Pressure waste heat boiler, Re-boiler, AFCs & Trim Coolers.
* Fixed bed Catalytic Reactors, 3-Phase Separators.
* Distillation column, Absorbers, Strippers, Amine Scrubber etc.
* Instrument Air Compressor, Dryer (Molecular sieves & Silica Gel).

**ACHIVEMENTS**

* Pre-Commissioning and commissioning of C3/C4 splitter column and LPG dryers
* Pre-Commissioning, commissioning and master startup of platformer unit

 Safety Training and Certificate /Technical Skills

* Process Safety Management System (PSM).
* Permit to Work (PTW)
* Confined Space training
* Participated in various fire/mock drills and firefighting scenarios.
* Job Safety Analysis (JSA).
* Emergency and Response plan.
* Hazard Identification and Risk Assessment (HIRA).
* Root cause analysis (RCA)
* Team excellence work shop
* Health Safety & Environment Advanced certificate by SDCK 4 months
* Process Plant Engineering BY SDCK
* Occupational health and safety & management system 3 days work shop by NED

 KEY STRENGTHS

* Emotional intelligence
* Responsible, reliable, hardworking and motivated
* Possess excellent communication and organizational skills
* Flexible and adaptable within any given role and enjoys a challenge
* Able to work effectively and efficiently as part of a team and equally as as-well alone

 Software skills

* **MS Office** (Word, Excel, Power Point, Visio)
* **SAP**

Personal Information

* Date of Birth 28 NOV, 1988
* NATIONALITY PAKISTANI
* Passport Number CC4421861