

WASEEM YOUSAF

Process Field Operator 10+ years experience

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Profile Summary

I have good interpersonal skills with excellent team work abilities and also willing to learn and develop new skills. I have done Diploma of associate engineering in chemical technology with 10+ years of experience in Operation, Pre-Commissioning & commissioning, Start-up, Stabilization, shutdown & Quality Management and Team Management in Refineries Specially in **SULPHUR RECOVERY BLOCK UNITS (ARU, SWS, SRU, TGTU) & CDU/VDU**.

Currently working as a **COMMISSIONING/PROCESS FIELD OPERATOR** for SRU Block in **KARBALA REFINERY PROJECT, IRAQ**.

Professional Experience

Present Employer:

Employer : KARBALA REFINERY PROJECT, IRAQ

Designation : PROCESS FIELD OPERATOR SRU

Duration : Since August-2022 to till to date

Major Units Handled:

- **Amine Regeneration Unit** (Capacity 634 NM3/hr.)
- **Sour Water Stripper Unit** (Capacity 126 NM3/hr.)
- **Sulphur Recovery Unit with Tail Gas Treatment Unit.** (Capacity 360 tons/day)

Key Result Areas:

- Served as independent In-charge of Sulphur Recovery Unit as a Field Operator (SRU & TGTU, SWS, ARU).
- Handled emergencies like Blower trips, liquid Sulphur storage, Fire, H₂S, NH₃ & hydrocarbon leakages, tracing steam failure, pump & utilities failures etc.
- Monitor and control the process parameter, planed startup/shut down, safely handle plant emergencies, Monitor fire & gas panel.
- Start up and shut down process operations in accordance with Company procedures and SOP standard, respond to emergency situations while ensuring safe operating practices.
- Maintain log books and operating log sheets.
- Maintain Sulphur recovery efficiency, minimizing SO₂/H₂S emissions.
- Optimize burner operation, Air/fuel ratios, catalyst performance and chemical injection.
- Monitors all plants conditions such as flow rates, pressures, temperatures, levels etc.
- Perform troubleshooting procedures on process operations in accordance with company procedures. Initiate and adjust the operation of process equipment such as sour water stripper, SRU incinerator, TGTU heater, clause Reactor, Sulphur pit, ejector system, valves, pumps and controls, heat exchangers, steam systems, utility system and related

field instrumentation in accordance with manufacturer's specifications and company standards.

Commissioning Activities:

- Very good knowledge about Pre-commissioning, Commissioning & Start-up activity of the Project. (Like Flushing, Leak Test & MRT of the rotating Equipment's, internal inspection of Vessels, Columns, Tanks, etc.).
- Having good knowledge about Loop - Test & Function -Test of the Instruments.
- Knowledge of Chemical cleaning of blower suction line and cleaning of SS lines, De-greasing of the amine circuit, Dry-Out of the Furnace, Reactor Furnace as well as Incinerator.
- Loading of catalyst to reactor's in co-ordination with licensor.
- Conducted checks on the plant with P&ID and Isometric drawings & detail study of PFD and P&ID for the plants
- Looked after the preparation of system and system flushing, box-up and charging and monitored the loading of Catalyst and carbon to converters in co-ordination with licensor.

Employer : **National Refinery limited**

Designation : **FIELD OPERATOR**

Duration : **April-2016 to August-2022 (06 years 5 month)**

Major Units Handled:

- **Atmosphere Distillation unit (CDU)** (54000 Bbls/day)
- **Vacuum Distillation unit (VDU)** (9000 Bbls/day)

Key Result Areas:

Being a "Field Operator" my job responsibilities are:

- Responsible for smooth operation
- Operation as per company and safety standard.
- Safely start-up and shut-down CDU/VDU units, following established procedures.
- Continuously monitor CDU/VDU process parameters (temperature, pressure, flow rates, levels) to ensure optimal operation.
- Operating and optimizing CDU Desalter unit for efficient crude oil purification and salt removal.
- Monitor and adjust process conditions to meet product specifications (e.g., crude oil quality, diesel, gasoline).
- Communication to collaborate with other teams (maintenance, laboratory, control room) to ensure smooth operations.
- Perform routine checks and maintenance on pumps, compressors, Heater, heat exchangers, valves, and other equipment to prevent failures.
- Ensure compliance with safety procedures, HAZOP, LOTO, and permit-to-work systems.
- Respond to emergencies (e.g., leaks, fires, equipment failures) following established procedures.
- Coordinate with the surveyor for sampling.
- Prepare monthly operating problems report with current status.

- Safe chemical handling & preparation of chemical solution and adjustment flow rate as per lab results.
- Able to troubleshoot (Power failure, cooling water failure, vacuum, failure steam failure etc..) process deviations and handle plant field emergencies during Operations/upset.

CDU/VDU Revamp (Pre-Commissioning & Commissioning Activities) 2019/2020

- Assist Chinese Engineers from HUALU for pre-commissioning and commissioning of Pre-Flash Column, VDU Fired heater and 5 Steam Jet Ejector Package.
- Verified each line up as per P&ID and Raise punch list & its follow up Lead cleaning, Air purging, flushing, passivation & instrument loop verification
- Witnessed Vacuum column internal changed from Tray to Structured packing (By SULZER) and Carried out vacuum test verified by SGS Pakistan
- Checked operational tightness test, oil system flushing & Refractory Dry out of 2 furnaces Carried out successful test run of unit on Arabian Light Crude Oil.

Employer : Fatima Fertilizer Company Limited

Designation : Assistant Area Operator (Job order)
 Contacted company: Jamisto Energy (PVT) Limited
 Duration: November 10th 2014 to February 18th 2016
 Working in Cooling water, condensate collection, Pipe raging areas.

CERTIFICATE/TRAININGS

Successfully attained multiple training in the areas of expertise entailing:

- Training for Emergency Response Plan.
- Training for Isolation and LOTO procedure.
- Work Permit Procedures & Near Miss Reporting.
- Fire Fighting & Safety Equipment.
- Knowledge of SCBA, Emergency Planning and Handling.
- Use of LEL Meter, H2S Meter, O2 Meter.
- Training for Gas Tester in Vessel Entry & Confined Space.

Education (2011_2014)

03 Years Diploma of Associate Engineering in Chemical technology from Sadiqabad Polly technically institute Punjab, Pakistan with first division (2014).

Personal Profile

Date of Birth : 16th august 1993
 Nationality : Pakistani
 Marital Status : single
 Passport Details : FK6910912 valid up to 09-05-2032