

# SADAM HUSSAIN



## Contact

Building 10, Opposite Nakheel Centre, Fish round about,, Deira, Dubai,UAE  
|sadamshahani2@outlook.com |0559049172 ||  
LinkedIn: <https://www.linkedin.com/in/sadam-hussain-159bab62/>

## Overview

### Process Operator with 5 years' Experience

I am a Process Plant professional with a solid portfolio of Oil & Gas plant operation and utilities demonstrating skills across an operation, maintenance team management activities. My strengths include developing ideas, growing technical skills and increasing best coordination. I am highly competent at operation, monitoring and reporting, providing actionable insights and support to my team. I am looking for a full time role.

## Work history

### Process Operator (Full time – 15/15 rotational job)

Polish Oil & Gas Company (Rahman Gas Facility Dadu Sindh, Pakistan)

(40 MMSCFD gas Plant capacity)

July 2017 – Sept 2017

#### Area of Expertise

- Plant with Start-up, Shutdown, Emergencies & Trouble Shootings.
- To carry out smooth operation of Dehydration and TEG Regeneration unit
- Wellhead Operations-commissioning, Shutdown, chokes adjustment.
- Monitoring and Evaluating the Performance of Process equipment like Absorber column, Stripper Column, heat Exchanger, Pumps and Coolers. Separators, slug catcher, 3 phase Separator and Test Separator operation
- Operation and troubleshooting of Arial JGT-4/2 Gas reciprocating Compressor driven by Waukesha 4-stroke engine.

#### Key responsibilities

- To manage the Shift Work and Daily Production report
- Responsible for commissioning, modification start and shutdown of Plant.
- Responsible to report Production Team Leader/Manager
- To monitor the maintenance activities under company HSSEQ Standard.
- Proper charge hand over & take over at the end & start of shift
- To carry out Audit,LOTO,Hazard findings and perform risk assessment
- To follow the proper permit to work (PTW) system
- To review and prepare the operation SOP'S.

**Work history    Production Operator (Full time – 15/15 rotational job)**

OMV Exploration & Production GmbH (Pakistan Project)

Sawan /Mehar gas field 400 MMSCFD gas capacity and 3300 bbl. condensate capacity

May 2013 – July 2017

I have worked in natural processing and condensate oil recovery Plant (Oil and Gas) equipped with latest control system, to provide the technical services in Operation, troubleshooting, commissioning and maintenance of Processing Plant under company SOP's.

**Area of Expertise**

- Plant safe start up, shutdown and emergency handling.
- Two/Three Phase Separation Units commissioning and troubleshooting.
- Gas Sweetening Process with removal of H<sub>2</sub>S & CO<sub>2</sub> by MDEA
- Amine (MDEA) Regeneration system and Acid gas Flash system.
- De-Hydration unit Adsorption Process. (HCDP) using Silica gel solid descent.
- Hot Oil system and Heaters Operation & Troubleshooting
- Sales Gas Metering & Monitoring system
- Vent & Flare system
- Utilities, Power generation, Air compression and water treatment
- Well Operation with Start-up, Shutdown, Emergencies and Trouble Shootings.
- Well Flow line Pigging (Launching & Receiving).
- Operate different types of chokes ,fixed chokes and adjustable chokes
- Well Head Control Panel Operation
- Wellhead X-mas tree valves integrity checking & monitoring of Annulus Pressure.
- Wellhead facility equipment hand & take over for maintenance under HSSE limits.
- Corrosion monitoring & controlling.
- Rigless Activities (Intervention,Stimulation well servicing jobs)

**Key responsibilities**

- To carry out the Start-up, shutdown, safe operation, troubleshooting, of Area units.
- Responsible to report Production Team Leader/CCR
- To monitor the maintenance activities under company HSSEQ Standard.
- Proper charge hand over & take over at the end & start of shift
- To carry out Audit,LOTO,Hazard findings and perform risk assessment
- To follow the proper permit to work (PTW) system
- To review and prepare the operation SOP'S.
- To participate equally in Safety sessions and emergency handlings weekly Drills.
- Follow the HAZOP Guidelines and participate commissioning team.

**Key Skills**

- Full awareness of hazards and safety faults associated in Oil and gas process Plant
- Ability to assess the risk associated to process by following safety procedures
- Able to review the technical drawings such as PFD and P&ID
- Able to monitor the process equipment's upset and control.
- Knowledge of DCS, alarms and interlocks like ESD system and process control.
- Handling Knowledge of electrical and instrument equipment's such as motors, generators, transmitters and control valves etc.

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## Field Trainings

- PTW (permits to work systems course) regular user.
- JSA (Job safety analysis).
- SAP (System Application Product)
- H2S and BA set training by OMV Pakistan.
- Fire Extinguishers and Foam Operation training by OMV Pakistan
- Training of backup squad, Safety steward, First Aid, SCBA
- Safety Critical System (F&G,PAGA,MAC,Firefighting system)
- Conducting Mock Drills and Safety Talks

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## Qualifications **Master's Degree in Chemical Engineering and Technology**

Beijing University of Chemical Technology, Beijing,  
China 2020

## **Bachelor's Degree in Chemical Engineering**

Dawood University of Engineering & Technology, Karachi,  
Pakistan 2014

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## Soft Skills

My software skills

- MS Office
- System Application Product (SAP)
- Some research based Softwares, MasterNova, Origin, Endnote

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## Awards and Achievement

- Life time member of Pakistan Engineering Council (PEC) 15-11-2019
- Chinese Government Scholarship (fully funded fellowship) 09-09-2017
- Best Research poster presentation Award 15-10-2018

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## References

References from my current and previous roles will be available on request.