

# Ali Hasan Alhammadi

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## PROFILE SUMMARY

Results-oriented Chemical Engineer with a proven track record of experience in gas processing operations. Experienced DCS panel operator and field operator. Adept at utilizing technical expertise to drive efficiency improvements, troubleshoot issues, implement innovative solutions, and establish a safe work environment. Possesses multiple certificates in safety, including ISO lead auditor certifications, further enhancing the commitment to creating and maintaining a secure workplace. Seeking to leverage a strong foundation in chemical engineering and hands-on experience in gas operations to contribute to a dynamic team in a challenging engineering role.

## CORE COMPETENCIES

- Deep understanding of chemical engineering principles, focusing on practical applications in oil and gas.
- Seasoned professional in gas processing, excelling as a DCS panel operator and field operator.
- Dedicated to upholding safety standards, specializing in hazard analysis, emergency response & regulatory compliance.
- Strong collaboration skills in interdisciplinary teams, coupled with effective project management skills.
- Applied theoretical knowledge through chemical engineering internships, refining skills in optimization, and equipment design.
- Accomplished Client Relationship Manager with outstanding interpersonal and communication skills, fostering strong client connections.

## SKILL HIGHLIGHTS

Adaptability and Pressure handling	Equipment Design and P&ID	Process Control & Efficiency
Alarm Management	Field Surveillance	Research & Project Planning
Critical Thinking	HAZARD Analysis	Route Cause Analysis
Data Analysis	Health & Safety standards	Unit Operation Analysis
DCS Operation	Planning and Coordination	Teamwork Collaboration

## PROFESSIONAL EXPERIENCE

### ADNOC GAS Processing

Nov 2021 – PRESENT

#### *1- DCS Panel Operator*

*Jan 2023 - Present*

- Monitored and operated to oversee various aspects of the production process, ensuring smooth and efficient operations.
- Diagnosed and addressed issues in the control system, troubleshooting anomalies to minimize downtime and maintain operational continuity.
- Executed emergency response procedures as needed, demonstrating quick thinking and adherence to safety protocols during critical situations
- Dedicated to ensuring safe production and asset integrity, consistently implementing measures to uphold environmental integrity and mitigate potential risks.

#### *2- Field Operator*

*Nov 2021 - Dec 2022*

- Focused on operating and monitoring the process plant and facilities as per operating procedures while ensuring safe production and maintaining operational safety work in line with SOP's.
- Logging all shift activities for efficient handover and follow up.
- Planning, preparing and coordinating work permits for maintenance departments.
- Handing over, accepting and commissioning equipments safely.

### **ADNOC ONSHORE (INTERNSHIP)**

**Jan 2021 – Mar 2021**

*Chemical Engineer*

- Gained knowledge of latest technologies, designing equipment configuration, testing materials, and optimizing production.
- Perform basic technical development, tests, analyses & research based on formulas and project requirements.
- Perform calculations to prepare, perform, and conclude tests and analyses.
- Learned to implement changes and improvements on the production line for cost savings.

### **DUCAB (INTERNSHIP)**

**July 2019 – Aug 2019**

*Chemical Engineer*

- Obtained practical experience by participating in and monitoring industrial operations' engineering process.
- Carried out experiments to develop new metal deposition process, troubleshoot problems and recommend solutions.
- Identified key process variables and their impact on the process results and collaborate with industry experts to conduct fault finding & troubleshooting in a continuous improvement process environment.
- Executed the task of capturing lessons learned within the organization to reduced efforts and mistakes during future projects.

### **FAMILY EMIRATES HOME NURSING**

**Dec 2017 – Sep 2018**

*Client Relationship Manager*

- Emphasis on delivering quality client service, building relationships between the organization and numerous clients.
- Expanded the organization's influence and business volume through the development of a referral agreement program.
- Secured client retention by providing support to individuals regarding documentation and insurance requirements and coordinating with the management team and medical specialists.

### **U.A.E ARMED FORCES (NATIONAL SERVICE)**

**Mar 2016 – Aug 2016**

*Data Entry Specialist*

- Focused on enabling data storage and analysis processes through the input of different information into the electronic system.
- Ensured error-free operations and data accuracy through careful preparation, review, and compiling of information.
- Resolved potential data incompatibilities by information assessing and rapidly correcting the identified errors.

### **HIGHER COLLEGE OF TECHNOLOGY**

*Volunteer*

- Concentrated on ensuring the students and the faculty staff's safety through enforcement of compliance with all COVID-19 prevention measures, regulations, and protocols.

## **EDUCATION AND CERTIFICATION**

- **Bachelor of Chemical Engineering (GPA 3.2)** *Higher College of Technology - Abu Dhabi, UAE*
- **Institution of Occupational Safety and Health Certificate – IOSH, Abu Dhabi, UAE**
- **International Computer Driving License – Khawarizmi Training Solutions, Abu Dhabi, UAE**
- **International English Language Testing System – British Council, Abu Dhabi, UAE**
- **Safety and Chemical Engineering Education (SACHE) - American Institute of Chemical Engineers (AIChE)**
- **ISO 45001:2018 , ISO 14001:2015 , ISO 9001:2015 - Certified Lead Auditor**