

ABDULLAH ALBADER

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Saudi National ID#: 1069760807

Saudi Council of Engineers ID#: 313473

Objective: Seeking the role of Chemical Engineer with a reputable company. Offering vast knowledge of industrial chemical processes, admirable customer service skills, and outstanding safety record, as well as huge knowledge of oil and gas process AI simulations and solutions.

Education: **BS:** Bachelor of Science in Chemical Engineering, May 2016;
Cleveland State University, Cleveland, OH, USA. **GPA 3.27/4.00**

AS: Chemical Engineering Technology, Oct 2011;
Jubail Industrial College, Jubail Industrial City, KSA. **GPA 3.40/4.00**

Work Experience:

Chemical/Process Engineer at **Naizak Global Engineering Systems**, Al-Khobar in Saudi Arabia, (April 2017 – Current).

- Simulating and design plants using AI solution (VALI) an equation-based advanced data validation and reconciliation software.
- Extracting reliable and accurate data from a plant raw measurements in order to produce a single consistent set of data to represent a study case and correct the measurements.
- Utilizing the development of the daily mass and energy balance model in offline and online modes for testing, monitoring and evaluations for each unit and to calculate the key performance factor of the equipment.
- Customizing Reports for Refinery Daily Mass Balance models, such as, Unit Data Collection, Detailed Design Specification, and Vali Reports.
- DVR Projects:
 - **Ras Tanura Refinery Oil & NGL, Saudi Aramco, KSA.**
Developing Mass balance, modeling design specifications and documentations.
 - **Rabigh Refining & Petrochemical Company, KSA.**
Developing Mass balance of the petrochemical and Sulfur units.
 - **Ras Tanura Refinery Oil Clean Fuel Oil, Saudi Aramco, KSA.**
Developing Mass balance for Clean Fuel Oil units.
 - **Ras Tanura Refinery Oil & NGL EPMS, Saudi Aramco, KSA.**
Supporting and tuning EPMS model with its Utilities (Fuel Gas and Steam).
 - **Uthmaniyah Gas Plant, Saudi Aramco, KSA.**
Supporting and tuning EPMS model with its Utilities (Fuel Gas and Steam).
 - **Yanbu NGL, Saudi Aramco, KSA.**
Developing Energy balance for the NGL units and Utility.

Trainee (CO-OP) at **SABIC** Company in Ammonia plant (Albayroni), in Saudi Arabia, (June 2011-Sep 2011)

- Operator Assistant: Helping the operator in his work such as taking samples from different areas of plant and different kinds of products. Also, taking the readings for temperature, pressure, and flow rate of different equipment. Understanding the ammonia process its productions and side products.

Courses & Certificates:

- NEBOSH IGC, IG1 & IG2 June, 2021
- Managing Safety by IOSH March, 2021
- Saudi Council of Engineers:
 - Process Risk Assessment February, 2021
 - Occupational Safety and Health, OSHA (15) February, 2021
- Engineering Certificate from Saudi Council of Engineers January, 2017
- Risk Assessment, SChE Program December, 2015
- Safety in Chemical Process industries, SChE Program December, 2015
- ELS, English Language Services, Wyoming, Laramie October, 2012

Expertise Software:

VALI (DVR software), Microsoft Office, Aspen+ Simulation, HINT and Matlab.

Languages:

- Arabic (Native)
- English (Fluently)

References:

Upon Request.