

MOUSA ALDUBAISI

CHEMICAL ENGINEER

CAREER OBJECTIVE

Experienced Chemical Engineer with a demonstrated history of working in the Oil & Gas, Food & Beverage, and Chemical industries. Skilled in problems solving, data analysis, administration, and manufacturing processes. Always eager to embrace new challenges and develop my technical skills.

EXPERIENCE

QUALITY CONTROL ENGINEER

Sika – Dammam / May 2021 - Present

- Carry out daily Quality Control for the raw materials and finished products in concrete admixture production.
- Work with supervisors and managers to implement quality measures.
- Ensure product quality system meets customers' requirements.
- Develop corrective actions and industrial improvements.
- Analyze test data and create QC certificates.

QUALITY ASSURANCE

Refresco – United States / Apr 2020 - Jan 2021

- Review quality and food safety checks prior to releasing finished goods.
- Implementation and participation of internal audits
- Solve quality and food safety incident on the production line.
- Analyze test data to ensure products meet acceptance criteria
- Review incoming supplies and raw materials from vendors
- Work with Engineering & Quality Management to maintain quality and safety of products

DESIGN ENGINEER

Cargill – United States / Aug 2018 - May 2019

- Design a chemical plant for Aniline production.
- Implement and size pumps, distillation columns, PSA, compressors, and heat exchangers.
- Develop Process Flow Diagram, and P&ID for the system.
- Manage the Process Hazard Analysis.
- Develop processes to separate components of liquids or gases using chemical processes.

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📍 Dammam, Eastern Province

EDUCATION

UNIVERSITY OF DAYTON Dayton, OH

*Bachelor of Chemical Engineering
(Dec 2019)*

Extracurricular Activities

- Alpha Phi Omega Club
- Sustainability Club

UNIVERSITY OF GEORGIA Athens, GA

Certification Food Science

ADDITIONAL SKILLS

- Advanced knowledge of utilizing ChemCAD, SAP, Excel, CC+I, RealSPC and Axapta
- Proficient in writing technical reports
- Dedicated, hardworking, and able to work independently & team environment

CERTIFICATIONS

- Lean Six Sigma Green Belt
- Better Process Control for Acidified Food (2020)
- Familiar with ISO9001, SQF and HACCP (2020)
- Runaway Reactions (2016)