

HAMAD ALSEDWAN

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I am writing to express my interest in the engineering position. I am a graduate of King Fahd University of Petroleum & Minerals with a Bachelor of Science in Chemical Engineering. My hands-on experience as a Process Engineer, combined with my strong analytical and problem-solving skills, make me an ideal candidate for this role.

During my time at Wood Al-Hejailan and Arabian Consulting Engineering Center, I developed a deep understanding of process flow diagrams (PFDs), piping and instrumentation diagrams (P&IDs), and hydraulic calculations. I was responsible for preparing equipment and line lists, conducting material and energy balance analyses, and responding to client feedback on engineering packages. These experiences have honed my ability to manage complex projects, work collaboratively with teams, and deliver high-quality engineering solutions.

Experience includes working on critical projects such as the PK-S Steam System Adequacy Study and the Biolab-Emulsion Train-2-FEED project. Responsibilities in the PK-S project involved updating and developing material and energy balances for various plants under different scenarios, utilizing Aspen HYSYS to ensure accuracy. Hydraulic calculations were performed, and comprehensive reports and data sheets were prepared. In the Biolab-Emulsion Train-2-FEED project, tasks included reviewing and responding to client feedback on submitted engineering packages, developing and revising piping and instrumentation diagrams (P&IDs) and process flow diagrams (PFDs), and preparing detailed equipment data sheets and line lists. These experiences have deepened technical expertise and reinforced the ability to deliver high-quality engineering solutions in complex environments.

Best Regards

HAMAD ALSEDWAN