

Senior Lead Refining Process Engineer – Expat (Khobar, KSA)

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Company: KBR, Inc.

Location: Saudi Arabia

Category: architecture-and-engineering

Title

Senior Lead Refining Process Engineer – Expat (Khobar, KSA)

KBR is seeking a Senior Lead Refining Process Engineer to help support major refining projects. This role will serve as a Lead Process Engineer during project execution.

This position will start in Houston, TX then mobilize to Al Khobar, KSA for 16 + months ***

Responsibilities

PFD development, P&IDs, hydraulic calculations, relief valve calculations, flare sizing

Manage a moderate size team of Process engineers

Support FEED in the Refining sector

Responsible for the study, design, and specification, and services related to Refineries, Petrochemicals, and Offsites & Utilities

Licensor coordination, evaluation, and integration

Experience (functional and leadership) in PDP development and front-end process engineering activities is preferred

May also be responsible for the development of process simulations and advanced controls/process optimization.

Provides technical guidance to less experienced engineers

Plans, schedules, and conducts working requiring independent judgment and adaptation of engineering techniques

Education, Experience, & Skills

Bachelor's degree in Engineering or related field

10 + years directly related experience with average experience of 20 + years

Pre-FEED, FEED, EPC experience in refining sector

Designing or supervising the Process Engineering deliverables associated with Refining Units, Amine Recovery, Sulphur Recovery, Utilities and Offsites

Proven ability to provide technical guidance to designers and less experienced process engineers.

Demonstrated leadership of process design on capital projects, including responsibility for budget, schedule, and change management

Knowledge of Aspen, Pro-II software suites is desired

Experience leading small to large design groups

Able to be the project and client focal point for resolution of complex process issues and attendance in key meetings (P&ID reviews, HAZOP, etc)

Inclusion and Diversity at KBR

At KBR, we are passionate about our people, sustainability, and our Zero Harm culture. These inform all that we do and are at the heart of our commitment to, and ongoing journey toward being a more inclusive and diverse company. That commitment is central to our team of team's philosophy and fosters an environment of real collaboration across cultures and locations. Our individual differences and perspectives bring enhanced value to our teams and help us develop solutions for the most challenging problems. We understand that by embracing those differences and working together, we are more innovative, more resilient, and safer. We Deliver – Together.

[Click here to learn more: Inclusion and Diversity at KBR](#)

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