



High-efficiency Riyadh folding container for oil refineries





Overview

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Our Downstream refining business provides a range of high-quality refined products. Our loading facilities can be found across the Kingdom. The Saudi Aramco Ports and Terminals publication is a reference for Owners, Charterers, Masters of vessels and others for the general conditions, rules.

Saudi Aramco's 126,000-bpd Riyadh refinery is one of Saudi Arabia's oldest grassroots refineries; it was built in the late 1970s, with some of its existing equipment now reaching the end of its mechanical life. The company has planned maintenance at the refinery, including the upgrade of its.

High efficiency, low costs and a focus on sustainability are essential factors for staying competitive in the oil refining business. Alfa Laval's solutions for refineries offer a straightforward way to improve profitability while ensuring maximal reliability and product quality. Want reliable and.

The objective of this project is to reduce the sulfur content of gasoline and diesel produced by the refinery to 10 parts per million, and to reduce the level of benzene in gasoline.

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The Aramco Riyadh Refinery advanced process control team and the Yokogawa digitalization team have achieved a noteworthy milestone by proficiently deploying the Dynamic Real-Time Optimizer (RT-OP) as an advanced solution at the Aramco Riyadh refinery hydrocracker unit (HCU), exemplifying a. What is the capacity of



Riyadh refinery?

Riyadh Refinery, located in the central region of Saudi Arabia, has a capacity of 120,000 barrels per day (BPD) and has a vacuum column, which permits processing of the heavier crude fractions.

What happened at Riyadh refinery?

A significant upgrade at the Riyadh Refinery that was originally scheduled to take more than two years to complete was finished much earlier than anticipated. Thanks to the dedication and safe work of more than 2,000 field professionals, the Hydroprocessing Integrity Project was completed in July — much earlier than anticipated.

How will a hydrocracking refinery improve its operations?

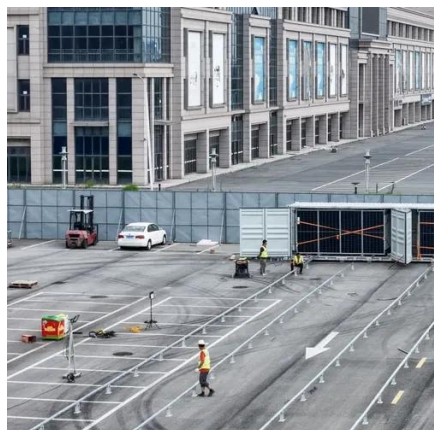
To optimize the refinery's operations, the project's scope of work focused on the upgrade of aging facilities, with eight new reactors and 12 combined feed/effluent exchangers to be installed in the hydrocracking unit to process an increased fresh feed rate.

How many hydrocracking reactors are in Riyadh?

The eight hydrocracking reactors along with their 12 combined feed exchangers — amounting to a total weight of 2,670 tons — were procured and transported from Europe to Riyadh, requiring the project team to diligently work beyond normal hours to meet a challenging deadline.



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Riyadh Refinery

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Products and facilities

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Fuel Storage Tanks Fabricator & Manufacturers , Silos , Oil Filled

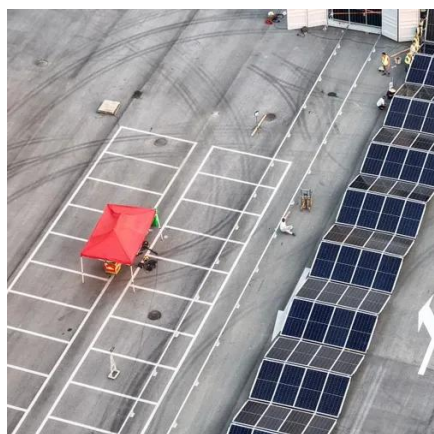
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[Shutdown at Riyadh refinery , Mammoet news](#)

The company has planned maintenance at the refinery, including the upgrade of its hydroprocessing capabilities. The upgrades are



designed to maximize low-sulfur content ...



Success Story

The Riyadh Refinery had already been reaping the benefits of the existing Yokogawa APC solution, which underwent further enhancement by incorporating the reactor section into the ...

Riyadh Refinery , Aramco Life

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Transforming Island Projects with Rapid Deployment: Folding Container

The island oil refinery project exemplifies this need. Initially planned to house 500 workers, with expansion up to 1,500 workers in the coming months, the requirement for quickly ...





SAUDI ARAMCO RIYADH REFINERY

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[Oil storage , Society of Petroleum Engineers \(SPE\) , OnePetro](#)

Fig. 1 shows a 312-ft diameter floating-roof storage tank for crude oil storage at a large refinery. The photograph was taken during construction and shows the single deck, ...

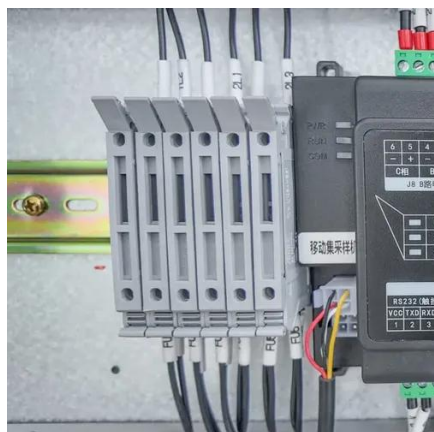
Process optimization solutions for oil refineries , Alfa Laval

Alfa Laval's solutions for oil refineries offer high efficiency, low costs, and a focus on sustainability to improve profitability while ensuring maximal reliability and product quality.



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For inquiries, pricing, or partnerships:

<https://www.sccd-sk.eu>

Phone: +32 2 808 71 94

Email: info@sccd-sk.eu

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