

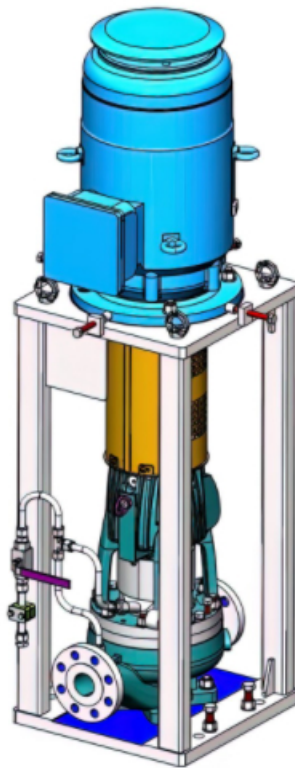
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AMARINTH DELIVERS BESPOKE COMPACT API 610 VERTICAL IN-LINE PUMPS TO THE YANBU REFINERY, SAUDI ARABIA

30.03.2022

Amarinth has delivered an order through Gas Arabian Services for bespoke compact API 610 vertical in-line pumps to be used in the Saudi Basic Industries Corporation (SABIC) petro-chemical refinery, Yanbu.



Computer model of Amarinth API 610 Vertical In-line Pump designed for the Yanbu refinery, Saudi Arabia. (Image source: Amarinth Ltd.)

The Yanbu petro-chemical refinery in the Al Madinah province of Saudi Arabia processes 400,000 barrels-per-day (bpd) of crude oil from the Manifa offshore field producing high-quality, ultra-low sulphur-refined products. Two horizontal pumps were originally specified for the hazardous area, but these would not fit within the heavily restricted space. Amarinth therefore proposed using API 610 vertical in-line pumps.

The pumps were required on a tight 30-week delivery schedule and so Amarinth used its renown know-how and agility to leverage its existing range of API 610 vertical in-line pumps and create a bespoke design with a footprint of just 420mm x 420mm. The company used FEA analysis and a suite of design tools to ensure the pumps would operate reliably within the tight design envelope.

Oliver Brigginsshaw, Managing Director of Amarinth, commented: "We are delighted to have delivered this further order from Gas Arabian Services for Yanbu refinery which underlines our strength and strong partnerships within the Middle East. The pumps were for a challenging project, both the design work and the tight deadline, but one that Amarinth was once again trusted to deliver on by a world leading producer."

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