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## Amarinth delivers API 610 vertical pumps to Yanbu refinery, Saudi Arabia

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The pumps were required on a tight 30-week delivery schedule. (Image source: Adobe Stock)

Amarinth, global manufacturer of low lifecycle cost centrifugal pumps and associated equipment, 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

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.

The pumps were required on a tight 30-week delivery schedule and so Amarith used its renowned 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 Briggshaw, managing director of Amarith, commented, "The pumps were for a challenging project, both the design work and the tight deadline, but one that Amarith was once again trusted to deliver on by a world leading producer."

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