



press release

**FOR IMMEDIATE RELEASE – 28 March 2022**

**Amarinth delivers bespoke compact API 610 vertical in-line pumps to the Yanbu refinery, Saudi Arabia**

**Amarinth, a world-leading, net-zero designer and manufacturer of low lifecycle cost centrifugal pumps and associated equipment, primarily for the offshore and onshore oil & gas industries; nuclear and renewable energy generation; defence; desalination; process and industrial markets, 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.**

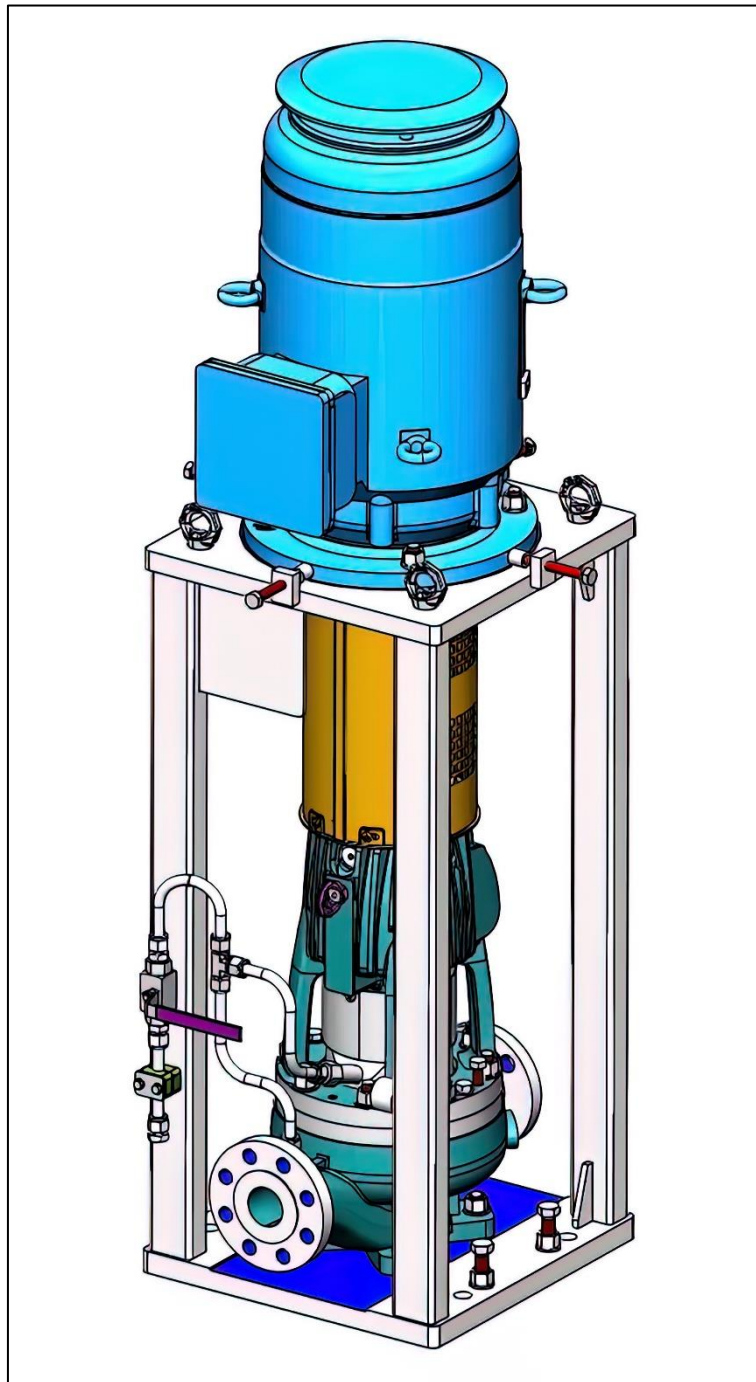
The Yanbu petro-chemical refinery in the Al Madinah province of Saudi Arabia processes 400,000 barrels-per-day (bpd) of crude oil from the Manifa offshore field producing high-quality, ultra-low sulphur-refined products. Two horizontal pumps were originally specified for the hazardous area, but these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

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.

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Oliver Briggins Shaw, Managing Director of Amarith, 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 Amarith was once again trusted to deliver on by a world leading producer."

### OPTIONAL PANEL or BOX ITEMS



Computer model of Amarith API 610 Vertical In-line Pump designed for the  
Yanbu refinery, Saudi Arabia

## NOTES TO EDITORS:

Amarinth is a carbon net zero organisation delivering world-leading expertise in the design, application and manufacture of centrifugal pumps and associated equipment for critical applications in many of the most arduous and hostile environments around the globe.

Founded in 2002, Amarinth has harnessed the skills, creativity and passion of people who have worked in the pump industry for decades, delivering bespoke API and ISO pumps primarily to the offshore and onshore oil & gas industries; nuclear and renewable energy generation; defence; desalination; process and industrial markets.

The company's innovative approach, business agility and use of sophisticated computer applications enables it to deliver robust, reliable and sustainable pumping solutions on the shortest lead times in the industry.

Amarinth's portfolio includes:

- **Process pumps** – API 610, API 685, ISO 5199 horizontal, vertical and in-line bespoke process pumps, including ones that are hydraulically and dimensionally interchangeable with the former Girdlestone and other obsolete pumps.
- **Skid packages and modules** – Supplied with a variety of drives for applications including de-sanding, mixing, filtration and chemical injection and tailored for the oil & gas, water treatment and power generation industries.
- **Condensate recovery** – Cutting-edge design providing low NPSH up to 98°C with variable speed drives to reduce cycle time and lower operating costs, available in stainless steel, galvanised or copper tanks for light or heavy industrial uses.
- **Seal support** – Integrated pressurised and vented seal support systems designed and delivered to API 682 and ISO 5199 standards and specific site specifications and requirements, working closely with AES, Eagle Burgmann, John Crane and Protect System.
- **Spare parts** – Critical spares for all Amarinth pumps and related components can be dispatched the same day, reducing potential downtime, and in addition components for the former Girdlestone and other obsolete pumps can be re-engineered often improving the performance of existing assets.
- **Services** – A full range of pump related services, delivered from UK head office or on-site globally, onshore or off-shore, including full commissioning and start-up support; also strip, report and refurbishment of any pump regardless of manufacturer.

Amarinth operates globally from its base in Rendlesham Suffolk, United Kingdom and offices in the Middle East and Malaysia with a global customer base, including BP, Shell, ADNOC, NOV, ExxonMobil, Schlumberger, COSCO, EDF, GlaxoSmithKline, Saudi Aramco, Pfizer, Diageo, Kuwait Oil Company, AMEC, Fluor, LUKOIL, Halliburton, and Babcock.

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