



FOR IMMEDIATE RELEASE – 14 March 2023

**Amarinth wins order from ADNOC for API 685 OH2 and VS4
Magnetic Drive pumps for Ruwais NGL trains, UAE**

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 won an order from ADNOC for API 685 OH2 and VS4 Magnetic Drive pumps that will be used on the Ruwais NGL trains, United Arab Emirates.

The ADNOC Ruwais Refinery, located in Al Ruwais, 240km west of Abu Dhabi city, is one of the largest refineries of petrochemicals in the world with a capacity of more than 800,000 barrels-per-day. The Magnetic Drive pumps were required on an aggressive 28-week delivery with urgent site installation for an upgrade project to the ADIP tanks for the Ruwais natural gas liquid (NGL) trains 1 and 2.

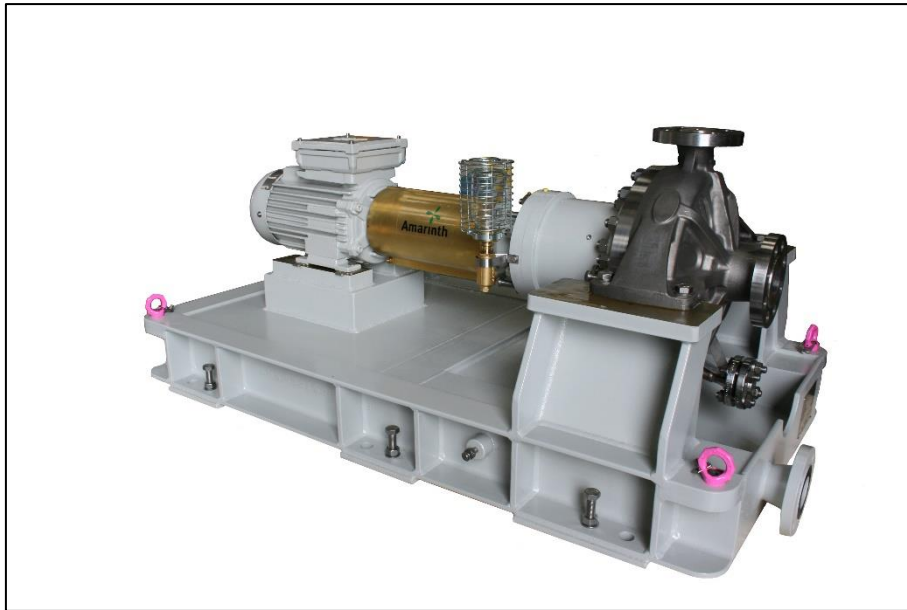
Amarinth has successfully delivered hundreds of bespoke pumps on short lead times to ADNOC over the last 15 years and so when these Magnetic Drive pumps for the NGL trains at the Ruwais refinery were required, ADNOC has no hesitation in placing the order with Amarith. This order calls for two API 685 2nd Edition OH2 horizontal and three VS4 vertical Magnetic Drive pumps, some of which will be operational whilst others remain as standby units.

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Magnetic Drive pumps are often used where leakage of the pumped fluid poses a great risk, such as with aggressive or toxic liquids. In a Magnetic Drive pump, a hermetically sealed housing contains any process fluid in a closed system and the power transmission occurs contact-free through magnets from the drive shaft to the process wetted output shaft, negating the need for any seal support system. Amarith will incorporate bespoke instrumentation on the API 685 OHI and VS4 pumps, including temperature alarms and vibration monitors within the magnetic drive containment shell.

Oliver Briggshaw, Managing Director of Amarith, commented: “We are delighted with this latest order from ADNOC. Although we have supplied hundreds of API 610 pumps to ADNOC over the years, this is both the first order from ADNOC for our API 685 Magnetic Drive pumps. We look forward to fulfilling this order and delivering against the tight lead times required of this contract.”

OPTIONAL PANEL or BOX ITEMS



Amarinth API 685 Magnetic Drive horizontal pump

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, Amarith 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 Amarith 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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