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NPCC awards Amarith another major order for API 610 OH2 pumps at ADNOC’s Lower Zakum Facility

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 once again secured an order from NPCC for API 610 OH2 pumps destined for ADNOC’s Lower Zakum facility in the UAE.

When ADNOC sought new closed drain pumps for the Main Gas Pipeline project, a component of its Lower Zakum Long-Term Development Plan (LTDP-I) to enhance field production, National Petroleum Construction Company (NPCC), ADNOC’s procurement contractor in Abu Dhabi, turned to Amarith for its extensive knowledge of ADNOC specifications.

As with many oil and gas operators, ADNOC is demanding more from its suppliers and recently revised its specifications, elevating quality, witnessing, and testing procedures throughout the manufacturing cycle. Leveraging its two-decade-long relationship with ADNOC and NPCC, Amarith worked closely with its supply chain to integrate additional quality checks and rigorous testing procedures as mandated by ADNOC, whilst ensuring adherence to delivery schedules.

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The order comprises three API 610 OH2 12th Edition drain pumps featuring Plan 53B seal support systems. Manufactured in Alloy 625 with Type 3.2 certification and non-destructive examination (NDE), the pumps also require IECEx certification. Equipped with pressure transmitters for pre-emptive issue detection, the order encompasses a mobile top-up trolley, nitrogen charging kit, warehouse spares, and a certified lifting beam for installation assistance.

Oliver Briginshaw, Managing Director of Amarith, expressed his satisfaction, stating, "We are delighted to fulfil this latest order from NPCC. With two decades of collaboration with NPCC and ADNOC, we possess an in-depth understanding of ADNOC's requirements and specifications. We welcome the enhanced quality and testing procedures ADNOC has introduced, both for our manufacturing process and for our supply chain partners."

OPTIONAL PANEL or BOX ITEMS



Amarinth pump volutes ready for assembly



Amarinth pump components ready for assembly

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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