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Amarinth leads the way in sustainable industries, achieving Fit for Hydrogen and Carbon Capture Certification

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 and gas industries; nuclear and renewable energy generation; defence; desalination; process and industrial markets, announces its achievement as one of the first organisations to secure the Fit for Hydrogen and Carbon Capture, Usage and Storage certification.

The Fit For Hydrogen and Carbon Capture, Usage, and Storage (F4H2 + CCUS) certification, modelled on the established Fit For Nuclear (F4N) standard, assesses a company's readiness to supply the expanding sectors of hydrogen production and carbon capture. Amarith has demonstrated its commitment to sustainability and innovation by meeting the rigorous standards set by this certification.

Hydrogen stands as a promising low-carbon fuel source with immense potential to revolutionise industrial clusters, but its widespread adoption necessitates capable suppliers. The pilot F4H2 + CCUS programme, launched in late 2022, selected Amarith among a group of 30 companies out of 90 initial applicants. Originating from the Nuclear Advanced Manufacturing Research Centre (Nuclear AMRC), this programme aligns with the industry's demand for quality-driven, environmentally conscious solutions.

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Amarinth's success in obtaining F4H2 + CCUS certification underscores its dedication to understanding and addressing the challenges of achieving net-zero emissions and demonstrates the high standards of quality management and performance across its business that are crucial for entering the supply chain for hydrogen and carbon capture. Through this accomplishment, Amarith is poised to deliver the innovative pumping solutions that are vital if the hydrogen and carbon capture markets are to flourish.

Oliver Briggshaw, Managing Director of Amarith, expressed his enthusiasm for this milestone achievement, stating, "We have been developing our presence in the hydrogen and carbon capture markets over the past few years, and being one of the first companies to achieve F4H2 + CCUS certification underlines our commitment to these sustainable industries."

OPTIONAL PANEL or BOX ITEMS



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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