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**Amarinth delivers first order to Siemens Energy of API 610
OH5 Vertical In-line Pumps for YPF, Argentina**

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, has delivered its first pump order to Siemens Energy of four API 610 OH5 Vertical In-line Pumps to be used by YPF at the Luján de Cuyo refinery, Mendoza, Argentina.

Siemens Energy required four API 610 12th Edition OH5 Vertical In-line pumps on an extremely tight deadline of 28 working weeks to meet their project schedule with YPF, Argentina. YPF is the main oil and natural gas producer in Argentina and the cooling water pumps will be installed in the Luján de Cuyo crude oil refinery, which is currently undergoing expansion and modernisation.

Although Siemens Energy had not worked with Amarith previously, based on Amarith's global reputation for delivering high-quality API 610 pumps on short lead times, Siemens Energy selected Amarith for this challenging order.

Amarinth designed and manufactured the four pumps and carried out a full suite of hydrodynamic performance and mechanical witness testing before finally air-freighting the pumps to successfully meet the deadline set by Siemens Energy.

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In addition to the four pumps, Amarith also manufactured a comprehensive operating spares package, including impellers, shafts, seals, wear rings, gaskets etc. to accompany the pumps to Argentina.

Oliver Brigginslaw, Managing Director of Amarith, commented: “We are delighted to have successfully completed our first order from Siemens Energy for this important YPF project in Argentina, underlining once again our ability to produce pumps on short lead times for projects anywhere in the world. We look forward to building a close working relationship with Siemens Energy on future projects.”

OPTIONAL PANEL or BOX ITEMS



Amarinth API 610 OH5 Vertical In-Line pump for Siemens Energy undergoing hydrodynamic testing

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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