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Amarinth expands its pump services, extending the working life of third-party industrial single stage end suction pumps

Amarinth, a leading company specialising in the design, application and manufacture of centrifugal pumps and associated equipment to the Oil & Gas, petrochemical, chemical, industrial and power markets, has expanded its range of pump services to include the strip, report and refurbishment of industrial single stage end suction pumps, regardless of the original equipment manufacturer.

Natural wear patterns of all pumps dictate a reliable working life of some 15 to 20 years, sometimes less in harsh environments. Over the past few decades, several major pump manufacturers have ceased trading or significantly retracted from certain geographies, and so like-for-like replacement isn't always possible leaving operators having to replace failing pumps with ones from a different manufacturer. This can entail a significant risk in matching the new pump to an existing pump's specification (which has sometimes been lost from the company) and the possibility of extensive downtime as pipework, mountings and fittings are changed to suit the new pump.

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Amarinth is being approached by an increasing number of organisations from industries as diverse as oil and gas, defence, food and drink, process plants and breweries looking for a solution to this growing problem of obsolete support and which can minimise risk, downtime and disruption. Amarith has already developed a significant expertise and a growing business in manufacturing spares and re-engineering components for Girdlestone pumps, which ceased trading some 16 years ago, and can already provide plug-and-play new pumps to replace many of the Girdlestone range. However, Amarith has listened carefully to those customers who want to keep their existing pumps and fully refurbish them to extend their service life and has launched this new strip, report and refurbishment service to meet their needs.

This service, which can be used for refurbishing most API 610 and ISO 5199 pumps, is delivered by trusted and reliable experts who offer best advice for the most cost-effective solution considering the specific needs of each customer. This starts with a detailed mechanical and hydraulic assessment to evaluate the viability of servicing a pump or determine if it would be more cost-effective to replace it. The assessment looks at the condition, working life and maintenance regime of the pump and the duties and requirements, such as the flow, head, power, NPSH and materials, in addition to the physical pipework, fittings and baseplates that may need alteration. By offering both the option of replacing the pump, sometimes with a plug-and-play solution, or refurbishing the pump with new, often improved components, Amarith is ideally placed to offer the customer best advice.

If refurbishment is a viable option, then Amarith has developed a standard procedure to make sure that all important components are replaced and knowledgeable engineers carefully inspect all non-replacement items for wear to ensure they are within tolerance. In some cases, using modern design and manufacturing tools alongside the skills of its own pump design engineers, Amarith is able to re-engineer components, rather than just replicate them, improving on the original design and increasing the pump's reliability or performance. The company can even design and manufacture whole new interchangeable sub-assemblies to resolve outstanding issues operators are experiencing with their existing pumps.

Following the extensive overhaul, pumps are tested at Amarith's in-house facility to certify them to the same standards as a new pump, giving customers peace of mind that the refurbished pumps will operate reliably for a further 20 years. Customers also benefit from long-term support from Amarith and a readily available supply of spares.

Oliver Briggshaw, Managing Director of Amarith, commented: "We have launched this strip, report and refurbishment service to address a growing need for a cost-effective but low risk way for organisations to extend the life of industrial pumps without the need for wholesale replacement. As a pump design and manufacturing company we are able to draw on our broad range of skills and knowledge to ensure we return to our customers refurbished pumps that will often outperform their original specification with minimal disruption to their business and with on-going support well into the future."

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OPTIONAL PANEL or BOX ITEMS



Comprehensive refurbishment by Amarith of third-party OEM pump

NOTES TO EDITORS:

Founded in 2002, Amarith has harnessed the skills, creativity and passion of people who have worked in the pump industry for many years. Amarith delivers world-leading expertise in the design, application and manufacture of centrifugal pumps and associated equipment to ISO, ANSI & API standards, primarily for the Oil & Gas, petrochemical, chemical, industrial and power markets. The company's portfolio includes:

- **Pumps:** Horizontal and vertical API 610 pumps, chemical and industrial pumps, many of which are interchangeable with the Girdlestone pump ranges, eliminating the need for expensive modifications when replacements are required.
- **Pressure Vessels:** Protect System Plan 52 and 53A and 53B sealant systems with inbuilt condition monitoring for pumps and mixers that are suitable for Safe area up to Zone I.
- **Spares & Service:** High quality, fast lead-time re-engineered spare parts to improve performance and extend pump life, including many which are directly interchangeable with the Girdlestone pump ranges.
- **Packages & Modules:** Condensate Recovery Units manufactured for Spirax Sarco incorporating the innovative Ci-Nergy intelligent variable speed control system, plus bespoke packages & skids built to order.
- **Business Systems:** state-of-the-art e-commerce technologies that deliver 24/7 support enabling customers to select pumps and place orders on-line and then track every stage of manufacture through to delivery, any time, anywhere in the world.

The company operates globally from its base in Rendlesham Suffolk, United Kingdom and has a customer base of world-leading companies, including BP, Shell, ExxonMobil, GlaxoSmithKline, Pfizer, Spirax Sarco, Diageo, AMEC, Fluor and Halliburton.

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