



FOR IMMEDIATE RELEASE – 21 Nov 2011

Amarinth delivers £750K of high alloy pumps to ZADCO on short lead-time for Zirku Island produced water filtration system

Amarinth, a leading company specialising in the design, application and manufacture of centrifugal pumps and associated equipment to the industrial, chemical and petrochemical industries has delivered £750K of API 610 OH2 pumps to ZADCO in various exotic alloys, including Inconel alloy 825, for an offshore pilot plant at Zirku Island, Abu Dhabi, on a lead-time ten weeks quicker than its nearest competitor could achieve.

The new pilot plant, for a planned larger installation, was commissioned by ZADCO on Zirku Island, which is located 140 kilometres north-west of Abu Dhabi. With its advanced oil and gas installations, Zirku is considered the main industrial base for the processing, storage and export of oil from Upper Zakum, Umm Al-Dalkh and Satah Fields.

A produced water treatment system was required by ZADCO on a very short lead time to meet the plants operating deadline. The pumps for the filtration system required a low shear design in order that the oil and water were not emulsified otherwise the process would be rendered ineffective. The produced water was high in H₂S, and so the pumps had to be manufactured in a high nickel alloy to resist the extremely corrosive effects of the H₂S.

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Amarinth has a strong track record for delivering into demanding and prestigious off-shore projects in the Middle East, as well as a long established global reputation as an off-shore supplier to the North Sea, Malaysia, Scandinavia, and Production, Storage and Offloading (FPSO) vessels. This record, combined with its experience in supplying API 610 OH2 pumps for produced water treatment packages, which generally demand low shear designs, secured Amarith the £750K contract after the company successfully demonstrated that it could design and manufacture the required pumps in the exotic materials ten weeks quicker than its nearest competitor, enabling the commission date of the plant to be met.

Based on the company's previous successes around the world, Amarith will be building on this opportunity, which is the first pilot project in the large Satah Full Field Development project.

Immediately following this success, Amarith secured further orders from ZADCO to upgrade API 610 VS4 vertical pumps, which it supplied to the company in 2009, with state-of-the-art flow sensors and external flush lines. The new sensors ensure that the pump bearings do not run dry, a health and safety concern in such hazardous environments where a major pump failure can cause loss of life.

An important aspect of winning this additional business was Amarith's service excellence, ability to work with the client during the design and specification phase and its business agility to act quickly upon the changing requests and demands from ZADCO, particularly regarding the bearing life and the need for continual production during this upgrade.

Oliver Briggins Shaw, Managing Director of Amarith, commented: “We are delighted that we are building on our relationship with ZADCO. This new order expands our existing strong on-shore presence in the Middle East into offshore where we can bring the experience we have built up over many years in sectors such as the North Sea and Malaysia to bear. This order opens up big opportunities for us in the region which has already underlined by the subsequent work we have just been awarded by ZADCO to upgrade the VS4 pumps. Following the Satah Full Fill Project we are now focussed on the large SAS (Sahil, Asab and Shah) offshore Development Project and continue to target the specialised requirements of the oil and gas industry.”

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OPTIONAL PANEL or BOX ITEMS



Offshore oil rigs in the Middle East



Amarinth API 610 VS4 Vertical 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 industrial, chemical & petrochemical markets. Their 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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