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Amarinth, a world-leading, net-zero designer and manufacturer of low lifecycle cost centrifugal pumps and associated equipment for offshore and onshore oil & gas industries; nuclear and renewable energy generation; desalination, process and industrial markets, has delivered two API 610 VS4 vertical pumps and two API 610 OH2 horizontal pumps to the ADNOC Bu Haseer full field development project.

The Bu Haseer oil and gas field is located between Das and Zirku Islands, offshore Abu Dhabi, UAE. Bu Haseer is the first of five new offshore fields being developed which together are expected to produce approximately 1.5 billion barrels of oil, while a further onshore area of 7,800km², which is approximately double the size of Dubai, is currently under exploration and development. Bu Haseer is being developed in two phases, an early production system (EPS), which commenced operations in 2018, and the second the full field development (FFD) phase, which comes online in 2020.

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The API 610 VS4 vertical pumps were specified for hazardous open drains in a space restricted area and so Amarith leveraged its expertise on other similar projects to develop a bespoke design where the super duplex vertical pumps could be split into sections for shipping and then assembled within the available space on site. The pumps were manufactured in super duplex stainless steel to handle the sour and toxic fluid, which includes high levels of Mono Ethylene Glycol (MEG), Hydrogen Sulphide (H₂S) and high chloride concentration.

The API 610 OH2 horizontal pumps consisted of a scrubber condensate pump and a production separator pump. Specified with a 600lb flange rating, which is double the usual for this type of pump, Amarith once again used its experience gained in previous demanding projects to deliver a bespoke pump to meet the required rating. The OH2 pumps were manufactured in S6 austenitic stainless steel with chrome impellers to handle the aggressive mix of hydrocarbons, H₂S and high chloride concentration in the water. After the pumps had been delivered, Amarith engineers travelled to Bu Haseer to assist with commissioning.



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Oliver Briggshaw, Managing Director of Amarith, commented: "We are delighted to have delivered and assisted with the commissioning of this package of bespoke API 610 VS4 vertical and OH2 horizontal pumps for this full field development project. We look forward to further orders for the pumping requirements of Bu Haseer and the new fields as they are developed."

Amarinth can also be reached on its website: www.amarith.com

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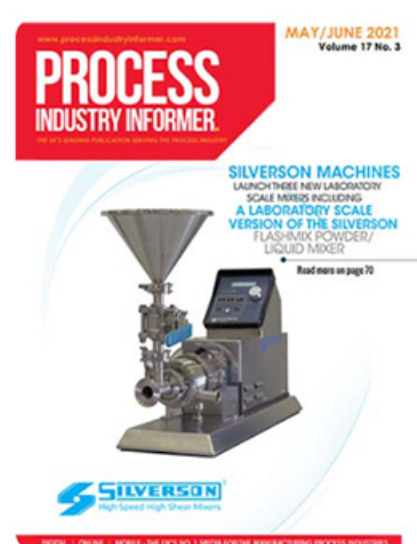


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