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## Amarinth adapts pumps to Bu Haseer restrictions

Amarinth has supplied four pumps for ADNOC's Bu Haseer full field development offshore Abu Dhabi.

Apr 23rd, 2021



An API 610 OH2 pump.

(Courtesy Amarith)

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Offshore staff

**WOODBIDGE, UK** – Amarith has supplied four pumps for ADNOC's Bu Haseer full field development offshore Abu Dhabi.

The location is between Das and Zirku Islands. Bu Haseer is the first of five new offshore fields under development that will collectively produce around 1.5 Bbbl.

Initially Bu Haseer is being developed via an early production system, which commenced operations in 2018, and the second phase covers the full field development.

The two vertical API 610 VS4 vertical pumps needed to operate in hazardous open drains in a space-restricted area. Amarith adapted the design so that the super duplex vertical pumps could be split into sections for shipping and then assembled within the available space on site.



An API 610 VS4 pump.

(Courtesy Amarith)

Both pumps were manufactured in super duplex stainless steel to accommodate the sour and toxic fluid, which includes high levels of mono ethylene glycol, hydrogen sulphide (H<sub>2</sub>S), and a high chloride concentration.

The two API 610 OH2 horizontal pumps comprised a scrubber condensate and a production separator pump. Both were specified with a 600-lb flange rating, said to be double the norm for this type of pump.

Amarinth manufactured both in S6 austenitic stainless steel with chrome impellers to handle the hydrocarbons, H<sub>2</sub>S and high chloride concentration in the water, and supported technicians at Bu Haseer with the commissioning.

04/23/2021

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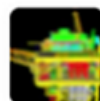
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