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JAN 13, 2023

Amarinth to supply titanium pumps for development project

Amarinth has received an order from VWS Westgarth for two titanium API 610 OH2 pumps for use on the FPSO One Guyana - destined for Guyana's Yellowtail development project.

The development project consists of six drill centres and up to 26 production and 25 injection wells.

Located about 200 km offshore Guyana, the deepwater wells will be tied back to the One Guyana FPSO vessel for processing.

VWS Westgarth approached Amarith for the two titanium API 610 OH2 chemically enhanced backwash pumps following the successful delivery of similar pumps to the company by Amarith for two FPSO vessels operating off Brazil.

To handle the highly corrosive fluid, all wetted parts of the pumps will be manufactured in titanium, including the casings, impellers and shafts.

The UK has one of only a few foundries in the world with the capability to cast the large titanium components necessary for the pumps.

The API 610 OH2 pumps will be ATEX Zone 2 certified for hazardous areas with IECEx certified motors.

With very limited space within the FPSO vessel, the design includes a bespoke baseplate that incorporates a local control station within its footprint. The pumps will be supplied on a tight 38-week lead time, which is necessary to fit the FPSO build which is being undertaken in China and combines the new build, multi-purpose hull with several standardised topsides modules.

Oliver Briggshaw, managing director of Amarith, said: "We are delighted that VWS Westgarth has placed a further order with Amarith for these titanium API 610 OH2 pumps. This builds on our successful delivery of a previous order to VWS Westgarth and further underlines our capabilities in supplying API 610 pumps, manufactured in exotic alloys, which will operate reliably in the extremely arduous conditions experienced on FPSO vessels."



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