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Amarinth adapts work process to ensure Okume pumps delivery

Amarinth has delivered four new pumps to eProcess Technologies for Trident Energy's Okume field center offshore Equatorial Guinea.

Aug 5th, 2020



Amarinth engineer undertaking final assembly of an API 610 OH2 pump ready for testing and then delivery to eProcess Technologies.

(Courtesy Amarith)

Offshore staff

WOODBRIDGE, UK – Amarith has delivered four new pumps to eProcess Technologies for Trident Energy's Okume field center offshore Equatorial Guinea.

The production complex of 72 wells is in the Gulf of Guinea, in water depths ranging from 45-500 m (147-1,640 ft).

As part of an upgrade program, eProcess Technologies's task was to provide four high-capacity horizontal pumps. Two are API 610 OH2 pumps for produced water treatment while the others are central process transfer injection pumps.

Each contain between five and 10 impellers and have been constructed from duplex stainless steel with 3.1 material certification, Zone 2 Hazardous Area compliance and comprehensive NDT/NDE testing.

Early on in the COVID-19 outbreak, Amarith took action on allocating factory space to sustain operations while adhering to UK government recommendations. Ninety percent of the company's global workforce have been working remotely, connected to Amarith's software platforms.

For the Okume project, the company implemented an advance screening protocol for pre-booked deliveries in partnership with suppliers, with goods placed in a quarantine hold area on delivery prior to use on the project.

Once the pumps had been assembled, live witness hydro testing was conducted remotely using HD webcams and the company's integrated data software platform. This allowed personnel from eProcess Technologies, third-party inspectors, and Trident to access data in real-time data and to view live test results as they emerged.

08/05/2020

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