

Amarinth Delivers Two Large API 610 OH2 Pumps To Yinson Production For Enauta's FPSO Atlanta

Amarinth, a world-leading, net-zero designer and manufacturer of low lifecycle cost centrifugal pumps and associated equipment, primarily for the offshore and onshore oil & gas industries; nuclear and renewable energy generation; defence; desalination; process and industrial markets, has delivered two large API 610 OH2 pumps to Yinson Production for use aboard the FPSO Atlanta, which has been commissioned by Enauta.

Brazilian oil and gas leader, Enauta, contracted Malaysia's Yinson Production for a new FPSO for its Atlanta field situated off the coast of Brazil. The FPSO, designed to operate in ultra-deepwater depths of 1,500m, is currently being adapted Yinson Production from an existing vessel, FPSO OSX-2, through a comprehensive turnkey engineering, procurement, construction, and installation contract.

The work is taking place at Dubai Drydocks World and involves structural upgrades, equipment refurbishment, and enhancements.

Operations are anticipated to commence in 2024, with FPSO Atlanta ramping up to a production capacity of 50,000 barrels per day.

Yinson Production awarded Amarith the design and manufacturing order for two API 610 OH2 pumps equipped with Plan 53B Seal Support Systems. This decision was underpinned by Amarith's track record in delivering on schedule for previous FPSO builds. An aggressive 36-week delivery timeline was set for the pumps to align with the FPSO build schedule.

The large crude oil transfer duplex pumps feature 570mm diameter impellers, incorporating variable frequency drives to optimise energy efficiency.

All electrical components are IECEx certified for safe operation in ATEX Zone 1. The pumps underwent rigorous inspection and certification by the American Bureau of Shipping (ABS), aligning with the FPSO's ABS Class designation before being delivered on time to Yinson Production.

Oliver Brigginsshaw, Managing Director of Amarith, expressed satisfaction with the successful completion of this important order, highlighting the confidence the offshore oil and gas market repeatedly places in Amarith's equipment to operate reliably in challenging environments. Furthermore, he conveyed enthusiasm for securing additional orders in Brazil's dynamic oil and gas market.

