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CONTRACTS + CASE STUDIES

AMARINTH DELIVERS PUMPS TO GARRAF OIL FIELD DEVELOPMENT IN IRAQ

11.11.2020

Amarinth has delivered four API 610 VS4 vertical pumps with Plan 53B seal support systems for the Oil Train 5 Project, Garraf Oil Field Development, Iraq.



Amarinth API 610 VS4 vertical pumps with Plan 53B seal support systems being readied for shipment to the Garraf Oil Field Development, Iraq (Image source: Amarith Limited)

Located at the northwest of Al-Refaei, approximately 85 kilometers north of the City of Nasiriya, half way between the Tigris and Euphrates rivers in the southeast of Iraq, Garraf is the fifth largest oil and gas field in Iraq with estimated reserves of 1 million barrels of oil. Petronas and its partners are currently increasing production in the field, and the addition of Oil Train 5 is expected to bring this up to 230,000 barrels per day.

The \$650,000 order of four API 610 VS4 vertical pumps with Plan 53B seal support systems was placed with Amarith by China Petroleum Engineering Procurement & Construction (CPECC). This was the first time that CPECC had ordered from Amarith and the decision was made based on Amarith's proven ability to design and deliver bespoke API 610 pumps for hazardous areas, along with the company's previous experience of successfully supplying pumps for the Iraq market, all to strict deadlines.

The pumps were manufactured in Inconel Alloy 625, a nickel-based superalloy that possesses high strength properties, resistance to elevated temperatures and excellent protection against corrosion and oxidation. In addition, the Plan 53B seal support systems required a bespoke mounting configuration and piping design.

Amarinth successfully completed the design, manufacture, and delivery within the required 34 weeks. Oliver Brigginsshaw, Managing Director of Amarith, commented: "We are delighted with this first order from CPECC, again underlining our strength in the Middle East, and in particular our ability to delivery API 610 pumps into the developing oil and gas projects in Iraq."

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