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Oil & Gas

Amarinth supplies API 610 pumps for the West Qurna-2 expansion project in Iraq

News | 1 min read

23 Aug 2022



Amarinth has delivered two separate orders of API 610 pumps, together worth £1.2 million, for the West Qurna-2 expansion project in Iraq.

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One of the Amarith API 610 OH1 pumps with specialist Plan 53B seal support system prior to shipment to Cannon Artes.

West Qurna-2, located approximately 65 km north-west of the seaport town of Basra, is one of the world's biggest onshore oilfields. The expansion project is expected to increase the oilfield's production capacity from the current 400,000 barrels oil per day (bpd) to 480,000 bpd, with a target to achieve a total production capacity of 800,000 bpd by 2025.

The first order, from Cannon Artes, was for seven super duplex API 610 OH1 pumps. The bespoke designed pumps are for a low shear application and required specialist Plan 53B seal support systems incorporating air cooled seals and stainless-steel accumulators. All electrical items were IECEx certified for use in an ATEX Zone 2 hazardous area. Despite the global Covid-19 pandemic during the design and manufacture, delivery was achieved in the required time of just 32-weeks from order.

The second order, from SICIM, was for three super duplex API 610 OH3 vertical in-line pumps for produced water treatment. The large pumps had impellers of over 500mm diameter and the casings, that weigh 1.5 tonnes, were cast in a foundry in the UK. Plan 53B seal support systems were designed to fit within a constrained footprint and as the pumps were destined for an ATEX Zone 2 area, the motors, seal support systems, and instrumentation were IECEx certified. Witness testing and inspection was undertaken by Bureau Veritas and a full legalised Iraq documentation package was delivered with the pumps. Delivery was achieved on a short 38-weeks, despite the global Covid-19 pandemic.

Oliver Brigginsshaw, managing director of [Amarinth](#), said: "We are delighted to have delivered these pumps to the West Qurna-2 expansion project, further underlining our commitment to projects in Iraq and the Middle East. We have successfully delivered orders previously to Cannon Artes, but this was the first order Amarith has received from SICIM, and we look forward to undertaking further business with them in the future."

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An Amarith API 610 OH3 vertical in-line pump for SICIM undergoing final tests.