

Amarinth provides API 685 magnetic drive pump for North Sea rig

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Amarinth has supplied an API 685 magnetic drive horizontal pump to Sensia for an offshore oil rig in the Norwegian North Sea.

Sensia was supplying a sampling and monitoring skid for an oil rig operating in the Edvard Grieg oil field but was finding it difficult to fit a standard API 610 horizontal pump with a Plan 53B seal support system in the extreme space restrictions of the platform.

After evaluating several options, Amarith proposed using one of its API 685 magnetic drive pumps in place of the original API 610 pump and Plan 53B seal support system.

Using an Amarith API 685 magnetic drive pump, the exact same duty of the original API 610 pump could be delivered, which was crucial for the Sensia equipment to work correctly, but in a much more compact design that could fit within the space constraints of the rig.

“One of Amarith’s core strengths is its design capability and agility for just these sorts of challenging applications,” said Oliver Briginshaw, managing director of Amarith. “We were delighted to be able to deliver our API 685 solution to Sensia for this demanding project and look forward to working with them on future projects as they deliver automation solutions to the oil & gas industry around the world.”

The API 685 magnetic drive pump was manufactured in super-duplex stainless steel to NORSOK M650 specifications. Amarith manufactured and delivered the pump within 28 weeks, including the witness testing.



The Amarith API 685 magnetic drive pump ready for shipment to Sensia.

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