

More compact, more robust and higher in efficiency:
the new rotary lobe pumps from Vogelsang

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Oil & Gas

Amarinth wins ADNOC order for magnetic drive pumps for NGL trains in UAE

News

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ADNOC has placed an order with Amarith for API 685 OH2 and VS4 magnetic drive pumps that will be used on the Ruwais NGL trains in the United Arab Emirates.



An Amarith API 685 magnetic drive horizontal pump.

The ADNOC Ruwais Refinery, located in Al Ruwais, 240km west of Abu Dhabi city, is one of the largest refineries of petrochemicals in the world with a capacity of more than 800,000 barrels-per-day. The magnetic drive pumps are required on an aggressive 28-week delivery with urgent site installation for an upgrade project to the ADIP tanks for the Ruwais natural gas liquid (NGL) trains 1 and 2.

[Amarinth](#) has successfully delivered hundreds of bespoke pumps on short lead times to ADNOC over the last 15 years.

This latest order is for two API 685 2nd Edition OH2 horizontal and three VS4 vertical magnetic drive pumps, some of which will be operational and others standby units. Amarith will incorporate bespoke instrumentation on the API 685 OH1 and VS4 pumps, including temperature alarms and vibration monitors within the magnetic drive containment shell.

Magnetic drive pumps are often used where leakage of the pumped fluid poses a great risk, such as with aggressive or toxic liquids. In a magnetic drive pump, a hermetically sealed housing contains any process fluid in a closed system and the power transmission occurs contact-free through magnets from the drive shaft to the process wetted output shaft, negating the need for any seal support system.

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