

# Amarinth Replaces Pump at Sonatrach Refinery

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Amarinth delivered a bespoke 2.8-meter vertical hydrocarbon condensate pump to Algeria's state-run oil and gas company Sonatrach as a direct plug and play replacement for an existing unreliable pump at one of the

company's refineries. Sonatrach was seeing an unacceptable failure rate with its existing pump from another manufacturer and asked Amarith if the pump could be replaced but without changing any of the existing plant or pipework.

The high failure rate of the existing pump meant that a replacement was required very quickly amidst concerns that the refinery could be shut down if a catastrophic failure of the old pump occurred. To meet the deadline, Amarith used its T-Series vertical pumps, which it could tailor to Sonatrach's requirements.

Amarinth designed an oversized mounting plate to enable the new pump to fit directly into the existing plant and also modified various fittings and fixings to suit the existing pipework. Combining its extensive knowledge of both the oil and gas sector and industrial markets, Amarith successfully delivered a high quality, cost effective and extremely reliable solution to Sonatrach before the existing pump caused any further issues. The plug and play solution, requiring no changes to the associated plant or pipework, resulted in minimal disruption to the refinery during installation and commissioning.

