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ALE COMPLETE SOHAR REFINERY IMPROVEMENT PROJECT IN OMAN



ALE has completed the year-long transportation and installation project in Oman. This is the first project ALE Oman has won, executed and delivered since opening a permanent base in Muscat in 2015.

ALE was contracted by Petrofac to transport 268 Heavylift (HL)/ Out of Gauge (OOG) units and install 184 HL / OOG units for ORPIC's Sohar Refinery Improvement Project located in the Sohar Industrial Area, some 230 km north west of Muscat.

The weights of the units varied depending on the components, from 96.5t to 920t. Depending on the piece, ALE utilised 64 axle lines of SPMTs and 48 axle lines of conventional trailers to transport the pieces 2-4km from port to site laydown area / foundation.

Once in their final positions, ALE used multi-crane lifts to install the components, deploying 1,600t, 750t, 600t, 180t, 100t and 60t cranes, in order to lift each piece. ALE needed to move the cranes using SPMTs from one location to the next

Shafic Tillawi, Project Manager for ALE, said: "Right from the start, this project was challenging as we had to deliver and install the components within a tight delivery schedule.

It was also logistically complex, performing the crane moves on a congested site and careful coordination with the local tenants and authority, the Royal Oman Police, was required in order to shut down the electricity in the overhead cables and cross a water intake culvert with a low ground bearing pressure.

“The teams involved worked together to ensure that all units were delivered and installed safely and on schedule to our client’s high quality standards.”

It took almost one year to complete the transportation scope and seven months to complete the installation.

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Image 1: One of the multi-crane lifts to install the components.

Image 2: One of the bullets being transported.

Image 3: One of the piperacks being transported.

ABOUT ALE

Founded in 1983 by Roger Harries, ALE delivers a highly tailored, end-to-end service covering every aspect of the handling, transportation and installation of heavy, indivisible loads, including lifting, transporting, installing, ballasting, jacking and weighing.

ALE delivers strategic heavy-lift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

ALE is headquartered in the UK and has more than 30 offices across Europe, the Far East, Africa, America, South America, the Middle East and Australia. It is fully compliant with international standards of safety and excellence, including Quality standard ISO 9001:2008, Environmental standard ISO 14001:2004, and Health and Safety Standard OHSAS 18001:2007. ALE is also registered and qualified in the Achilles Norway and Link-up systems, and is a member of both the British Safety Council and the British Standards Institution. Further information can be found on the ALE website at www.ale-heavylift.com