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ALE COMPLETE UNIQUE CRUSHER RELOCATION



ALE has performed a unique relocation of a rock crusher in July at Cliffe Hill quarry in Leicestershire UK.

The global heavylift specialists were contracted by Tenova Takraf to relocate a primary crusher, weighing 700t, within the granite quarry operated by Midland Quarry Products.

The route involved transporting the crusher downhill on an 8% gradient. Due to the 17m high center of gravity (CoG), care had to be taken with the transporter calculations in order to accommodate the 1.2m shift in the CoG position between the flat and the 8% gradient. ALE transported the crusher using 54 axle lines of SPMT with additional drive axles.

ALE's Project Engineer Chris Taylor, who worked on the project, said: "This was a very unique move and required detailed engineering studies. A typical movement on steep gradients is of the order of 200t-300t, so to move a load weighing 700t is very exceptional.

"This is one of our first jobs in the minerals and mining sector in the UK. It illustrates our desire to offer a safe, quality solution for the client which will allow us to springboard into this sector further."

ENDS

Issued by the ALE Press Office. For more information or images, please contact Sarah Maia on 01889 272 545 or email s.maia@ale-heavylift.com

Image 1: ALE relocate the rock crusher, weighing 700t, downhill on an 8% gradient.

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