

## FOR IMMEDIATE RELEASE

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### ALE INSTALL BOILER FOR UK ENERGY PROJECT



ALE has successfully transported and installed a boiler at the Tyseley Resource Recovery Centre, a waste-to-energy power station that will supply power to more than 17,000 homes in the Birmingham area.

The Midlands energy project is expected to save around 107,000t of CO2 emissions and divert up to 67,000t of recovered wood from landfill.

ALE was contracted to transport the 140t boiler and an economiser from Ellesmere Port to the Tyseley site, Birmingham, and install the boiler to its final position.

On delivery to site and after the boiler was vertically rotated 90 degrees, ALE transported it using 8 axle lines of SPMT into the building, positioning it ready for installation.

Using a four point hydraulic Lift 'n' Lock gantry system, ALE raised the boiler over 5 metres in height before skidding the boiler laterally over its support steelwork. Once aligned, the boiler was lowered into its final position.

Tom Irvine, ALE's Senior Project Manager, commented on the challenges the global heavylifting specialists faced during the job: "When transporting the boiler from Ellesmere Port to Birmingham, as required by the authorities, we selected a transportation arrangement to suit the load capacity in respect of the axle loadings on structures along the 121 mile long route. In order to achieve this we used an 11 axle length, 3.65m wide hydraulic modular trailer with a Trojan tractor unit.

"After four days transporting the boiler to site, we then had to negotiate the limited space that was available to manoeuvre the boiler inside the building on an 8 axle SPMT. With the limited clearances available, our installation equipment was accurately positioned prior to the boiler arriving on site. The ALE transport and installation teams involved successfully executed and completed the project within six days from port to foundation."

The Tyseley project is being built by the EPC contractor MWH Global.

**ENDS**

**Image 1: ALE Lift 'n' Lock system jacking up boiler from SPMT.**

**Image 2: Boiler being skid laterally and final alignment above support steelwork using ALE Lift 'n' Lock system.**

**Image 3: Boiler in final position on support steelwork.**

*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](mailto:s.maia@ale-heavylift.com)*

## **NOTES TO EDITORS**

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](http://www.ale-heavylift.com)