



CAIRNHILL

**Storage Tanks
& Petrochemical**

Solutions in Steel

Providing steel solutions to the industry

With over 25 years of experience and technical expertise in storage tank manufacturing in the UK and overseas, Cairnhill Structures designs, repairs, maintains and builds new storage tanks for the oil and gas, petrochemical, energy and food industries.

Cairnhill Structures offers a wide-range of services for your storage tank projects including design, fabrication, repair, construction and testing of fixed & floating roof tanks. In addition, we can offer tank cleaning, inspection, painting, rope access, hydro-cutting and demolition as part of our project management services and in doing so can deliver your tank refurbishment needs from start to finish.

Our range of services also include structural steelwork, pipework, tank roof seals, valve selection/replacement and control systems.

We ensure your tank repairs and upgrades are carried out in accordance with existing codes and standards (API 650, API 653, BS EN 14015, EEMUA 159).

We take a highly proactive approach to managing health, safety, environmental and quality systems to create and maintain a safe environment at all Cairnhill facilities & projects.

Our HSEQ department audits, monitors and continually improves our management systems which are based on the requirements of ISO 9001, ISO 14001 and OHSAS 18001.



We offer the full supply & fabrication package from our UK manufacturing base allowing us to provide a one-stop solution for all tank operators.

With our 45 years' experience in steel plate & manufacturing processes, we have established procurement routes for all European & global steel mills allowing us to offer the storage tank community unrivalled access to the specific grades and quality of steel required.

Our services include:

- Complete material supply
- Tank plate grades & profiling
- Plate rolling, prepping & identification
- Blasting & priming
- Fabrication work – including pipework & structural
- Pipework & nozzles
- Trial builds & erection





Tank Construction

Tank 437, Grangemouth

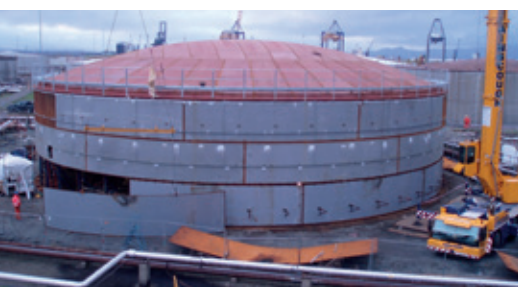
Client INEOS

Value approx. £1.2m

Contract Date 2006

Scope Domed roof tank construction.

Design, supply, fabricate, erect & test new 44m diameter x 10m high domed roof tank for Diesel storage. Existing tank demolished and new foundations completed by others prior to new construction. Tank built using jacking method.



Tank 2045, Sullom Voe

Client BP

Value approx. £4m

Contract Date 2012

Scope Double deck roof repair.

Supply & installation of double deck roof repair plating profiled to suit existing roof structure for 76m diameter x 23m high Crude Oil storage tank. Job included partial replacement of both top & bottom deck plating in central pontoon compartments.





Tank Demolition

Tank 453, Grangemouth

Client INEOS

Value £100k

Contract Date 2014

Scope Tank demolition and isolation.

Following failure in service, tank was isolated and cleaned before being completely demolished and removed from foundation pad. Temporary road built to facilitate access for waste disposal trucks.

INEOS
THE WORD FOR CHEMICALS



Tank 24, Grangemouth

Client INEOS

Value approx. £1m

Contract Date 2008

Scope Domed roof tank construction.

Demolition of existing 25m diameter tank and construction of 35m diameter tank on the same plot. New tank 10m high and built using jacking method. Restricted access issue was overcome by use of mobile tower crane.

INEOS
THE WORD FOR CHEMICALS

Cairnhill Sun Works Factory

120,000 square foot facility with crane capacity of 100 tonnes



Cairnhill operate within a number of market sectors



**Storage tanks
& Petrochemical**



Oil & Gas



Nuclear & Power



**Ground
Engineering**



Rail



Steel Framing



Bridges



Subsea



Piling



Renewables

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Cairnhill are CE Marked to BS EN 1090-2 up to Execution Class 4. The Highest Class Achievable.
Cairnhill are also certified to BS EN ISO 3834. Continual Investment in Quality Requirements for Welding.

