



CTM Europe Ltd Facility and Services



**CTM EUROPE LTD
VIKING PLACE
CARDIFF
CF10 4UU**

**Tel: (029) 20 454515
Fax: (029) 20 454514**

www.ctmeurope.co.uk

**David Mitchell
Managing Director**

CRYOGENIC TANK MAINTENANCE

CTM Europe Ltd is an historically successful organisation, we provide specific specialist services to industrial gas sectors.

CTM provides services such as refurbishment of cryogenic tanks, the supply of industrial gas equipment, and the repair and validation of pressure systems equipment.

CTM offer's a unique 'single source' for the complete design and build of pipe-work fabrication, compressed gas systems and associated equipment, this can be carried out on or off site to suit client requirements.

CTM has a solid reliable reputation of engineering excellence with established major clients throughout the UK and Europe; we continually operate and deliver consistently high levels of service at the cutting edge of the industry.

CTM service offers the complete spectrum of technical and commercial project requirements from conception, design, construction, installation, commissioning, validation and maintenance.

CTM Europe - specific expertise and excellence

Cryogenic Tanks

We have excellent facilities to repair, recondition and re-engineer tanks both on and off site. Our experienced team of engineers have successfully completed over **2000** refurbishments of cryogenic tanks.



Tank twinning / tripling



Specialist paint finishes

CTM Europe - specific expertise and excellence

Pipework fabrication

All aspects of design fabrication and selection of associated equipment can be integrated and completed on or off-site.



PSA units



LNG tanks

CTM Europe - specific expertise and excellence

Welding

Welding expertise in pressure systems with radiographic testing of pipe-work is undertaken using a complete range of test media.



Fabrication



Orbital / manual weld combinations



Automatic welding

Successful cryogenic tank installations

Off loading and positioning

CTM offers historical experience and expertise within their highly trained professional Installation Team. CTM ensures the safest installation of cryogenic tanks and associated equipment on site.



Specialist loads



Complex lifting



Installation

Liquid hydrogen

Complete installation of refurbished tank, vaporisers and associated control equipment



Insulated vessels

Pipework systems are constructed to specific gas applications and design requirements



PCM and PTCM (houelines)

Pressure control and safety equipment modules constructed to the highest standard



Specialist liquid and gaseous installations



Specialist liquid systems



Medium pressure (1500 bar) hydrogen systems for vehicles

Customer modular equipment incorporated into high pressure pipework



Cylinder filling



Control panels

Cryogenic tank – refurbishment

At CTM we refurbish cryogenic tanks to client specifications.

We take pride in our work and demonstrate compliance with all Health, Safety and Environmental Regulations.

- complete replacement of control pipework in stainless steel or copper
- vacuum repairs on or off-site
- helium mass spectrometer vacuum inspections
- tank inspection, outer vessel repairs and tank gas analysis
- weld inspections to client's required codes
- full refurbishment of tank pipework



On-site installation test and commissioning

CTM has the following;

- proven historical experience, expertise and most importantly, the commitment and capacity to deliver your project safely and on time
- excellent off site working facilities and environments for working with various materials
- an established, well-qualified team which includes contract managers, technicians, fabricators and multi-coded welders covering a large range of pipe work and associated equipment
- the capacity to produce all types of welding specifications from brass, copper, carbon steel, stainless steel, Monel etc.
- a full range of testing media is available together with non-destructive or radiographic pipe examinations
- resources to undertake installation, commissioning and filling of customer tanks on completion of installation

Full certification is provided to meet statutory requirements as standard on every project.

Health and Safety

Throughout all our activities CTM consistently demonstrates and conforms to strict Environmental, Health and Safety rules and regulations at all times.

CTM prides itself on providing professional constructive advice, creativity, ingenuity and attention to detail on every project undertaken. This has been proved as we maintain established clients which consequently strengthens our competitive edge, and ensures our strong client base growth and repeat business.

Workshop weights and measures

Our CTM workshop has the capacity to lift up to 13 tonnes. We also have equipment available to carry out repairs with the tanks remaining on transport. We have workstations with capacity of handling tanks with up to 40 tonne, 4 metres diameter x 20 metres long. CTM has access to a dockside facility to handle, store and refurbish tanks of up to 100 tonnes.

Inspection and Audit bodies



Next steps and getting in touch

You've seen what we can do, what can we do for you?

CTM Europe Ltd offers services in the industrial gas and pressure systems sectors. We are specialist in troubleshooting issues and concerns as well as offering solutions that can improve your efficiency and generate time and cash savings.

To get in touch please contact David Mitchell on +44 (0)2920 454515 or via email David.Mitchell@ctmeurope.com

We look forward to being of service.

