

AMOXsafe® World Leadership

The recent development of the new breed of diesel and dual-fuel Liquid Natural Gas Carriers, and the requirement for a Gas Combustion Unit, has proved to be yet another platform for Hamworthy Combustion's continued dominance in equipment supply to the LNG shipping industry.

Hamworthy Combustion is recognised as a world leader in the design and manufacture of combustion equipment, and the development of the AMOXsafe® Gas Combustion Unit has cemented Hamworthy Combustion's status as a market leader in the supply of safe, reliable equipment to incinerate excess boil-off gas.

The AMOXsafe® GCU was specifically required to safely dispose of excess boil-off gas from the LNG cargo tanks and the weaker waste gas mixes from processes onboard the LNG carriers. With almost 100 years of engineering experience and decades of marine application knowledge, the unit is a compact, all metal design to meet the stringent requirements from ship-owners and classification societies.



Hamworthy Combustion has created a unit that meets and exceeds market requirements and, to support this new technology, has invested over a million US dollars building a 100 MW demonstration unit at their site in Poole on the South Coast of England. This unit has been used to demonstrate their commitment to providing innovative solutions to the changing needs (critical incineration problems) of the LNG industry. The unit is part of the Hamworthy Combustion Technology Centre and is the only facility of its kind in the world. It allows on-site demonstrations and is an integral part of training for ship owners and operators.

Hamworthy Combustion's Institute developed training courses, with dedicated instructors, to give operating crews theoretical and hands-on practical training prior to entering service.

This DNV accredited course has been developed with the LNG industry's safety issues at heart and is suitable for all personnel requiring experience with GCU technology, with almost 200 operators trained to date from organisations such as Shell, Teekay and Leif Höegh.

Further evidence of Hamworthy Combustion's commitment to the industry is the introduction of Long Term Service Agreements for the AMOXsafe® GCU.

Dedicated support personnel with specific customer knowledge co-ordinate training, service engineer attendance and product support, providing 24 / 7 qualified technical support and guaranteed service engineer attendance. This new concept of product support for marine equipment has already had significant interest from shipping companies, some already seeing the benefit of the Amoxsafe® Product and the value added gained from a Long Term Service Agreement.



Recent market success shows the need for owners to have a unit which meets and exceeds industry requirements and as such over the last 12 months Hamworthy Combustion has dominated the new order awards for Gas Combustion units, achieving 100% of all new build contracts. This is demonstrable evidence of the industry's recognition of the AMOXsafe® as a product with superior performance with unbeatable after service back up, giving the customer total confidence in this safety systems ability to perform in the field.

From initial design enquiry, construction, onboard commissioning and after-sales service, teams of dedicated specialists are focused on continuing Hamworthy Combustion's tradition of meeting the safety, environmental and efficiency challenges of the LNG industry.

For more information about our products and services visit www.hamworthy-combustion.com
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