Marine Evolutional Combustion System (Type MECS-GCU) is designed and developed to treat Boil Off Gas.

You can incinerate the Boil Off Gas in safe, prevent LNG leaking to the air and protect the environment from green house effect by Methane (LNG).

We developed this system based on our experience with our "Shipboard Incinerator" series. And our Gas Combustion Technology has been developed by Gas/Oil combination burner called "SFFG II" that is for main boiler of LNG carrier.

Although we recommend boilers using our Gas/Oil combination burners such as "Vignis", "Vignis-mini" and "SFFGII", in the case that the vessel need steam to heat up HFO (Heavy Fuel Oil).

This system is equipped for Japan's First LNG-Fueled Tug named "Sakigake".

After-sales service

SERVICE NETWORK
We provide after-sale services including maintenance and modification to our customers all over the world. You can contact us for your any support requests any time.

MAINTENANCE AND INSPECTION OF BURNER

OVERSEAS TECHNICAL AGENTS
SINGAPORE / PHILIPPINES / UAE / GERMANY / USA / UK

VOLCANO CO.,LTD.
1-3-38 Nonaka-kita, Yodogawa-ku, Osaka 532-0034, Japan
TEL: +81-6-6392-5541 FAX: +81-6-6396-7609 E-mail: info-m@volcano.co.jp

Marine Evolutional Combustion System (Type MECS)

Specification
Combustion Capacity:
MAX 23.4Nm³/h for CH₄ 100%. = MAX 16.7kg/h for CH₄ 100%.
Main burner Fuel: Boil Off Gas from buffer tank
Pilot burner Fuel: Marine Diesel Oil (ISO 8217, DMB)
Exhaust Gas Temperature: MAX. 500
Exhaust Gas Duct Diameter: JIS 5K-300A
2. Gas valve Unit
3. Control Panel
4. Pilot burner Pump Unit

Boil Off Gas Combustion Unit for small-size LNG Fuel vessel

Product
Record

This system is equipped for Japan’s First LNG-Fueled Tug named “Sakigake”.
For more details, please feel free to contact us via E-mail.
E-mail: info-m@volcano.co.jp.

Package

VOLCANO has a wealth of experience dealing with burners and other systems used on vessels: from boiler burners used for the main propulsion engine on large LNG carriers, to auxiliary boiler burners used as heat sources within the vessel, as well as waste oil incinerators, and bilge/sludge treatment systems. We offer products with excellent energy savings and environmental performance in conjunction with a global service network in order to support safe and efficient marine transport.

VOLCANO “TCS (Technical Client Service)” provides after-sales technical support, engineering services, and other solutions.