

Gas Combustion Unit for Ammonia Fueled vessel MECS-N25



The utilization of ammonia is expected as next generation fuel for climate change mitigation. Gas Combustion Unit for Ammonia(NH₃) Fueled Vessel “MECS – N25” processes ammonia gas safely and compliantly. VOLCANO will keep providing products which contribute to environmental loading reduction by utilizing next generation fuel.

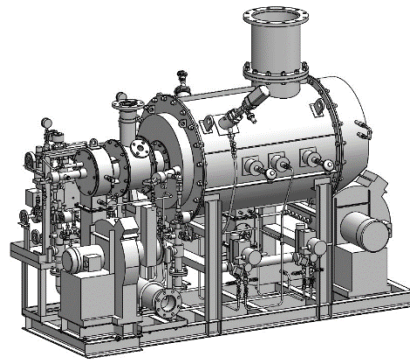
Contribution to environmental loading reduction

MECS-GCU

For LNG fuel | Hydrogen(H₂) gas | Ammonia(NH₃) gas

“MECS-N25” for Ammonia(NH₃) fueled vessel is a variation of the gas combustion unit “MECS-GCU”, which is installed in LNG tag boats, LNG bunkering vessels and the other kind of vessels. The IGF code ※¹ prohibits releasing combustible gas into the atmosphere.

※1.International Code Of Safety For Ships Using Gases Or Other Low-Flash Point Fuels



TYPE
MECS-N25
※Class NK issued
TYPE APPROVAL
CERTIFICATE

Combustion rate
Ammonia(NH₃)
70kg/h

Please feel free to contact VOLCANO to study any other size up to the combustion rate 1,400kg/h.

Feature

- ① To combust ammonia safely for making harmless.
- ② To combust completely the mixed gas consisting of ammonia(NH₃) gas and inert gas(N₂) when purging the tank or the pipes.



MECS-N25 was developed with a subsidy from the Nippon Foundation.

燃烧エンジニアリングカンパニー
Combustion Engineering Expert

VOLCANO Co.,Ltd. provides products for LNG as fuel and solution for LNG utilization, based on experiences on Gas/Oil simultaneous mixed combustion DF burners for Marin-use, Gas burner or Ultra-low NOX burner for industrial-use.



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