

No.  
1



# VOLCANO CO., LTD.

<http://www.volcano.co.jp/english/>

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

AHTS	PSV	FPSO	Drill Ship	Semi-sub
▶	▶	▶	▶	▶

## Product

Gas/Oil simultaneous mixed combustion DF burner

# Vignis



Gas/Oil simultaneous mixed combustion DF (Dual Fuel) burner for boiler of LNG fueled vessel "Vignis" has Gas/Oil simultaneous mixed combustion mode as well as HFO-mono, MGO-mono and LNG-mono combustion mode. Gas/Oil simultaneous mixed combustion mode can efficiently utilize BOG as fuel and shortage of calorie can be fulfilled by "Fuel Oil".

Because combustion condition is stable even at Gas/Oil simultaneous mixed combustion mode and fuels can be easily changed over, and also it is useful in preventing human error.

As "Vignis" equips GCU mode, a boiler which is equipped "Vignis" can be used as GCU (gas combustion unit).



Vignis  
product QR code

Also, the wide range type is possible to process more boil off gases.

"Vignis" is applied for 1~6t/h DF boiler.

With the Gas/Oil Simultaneous Mixed Combustion mode, Vignis contributes to zero methane gas release into the atmosphere.

\* "Methane" is major component of LNG fuel and has a global warming potential 25 times that of carbon dioxide. The release of combustible gases into the atmosphere is prohibited under the IGF code.

## After-sales service

### Service network

We offer our users with our after-sales service including maintenance of equipment after our delivery in many countries all over the world.

Our service system will satisfy your consulting service request to any place at any time.



After service network QR code

## Record

We have around 40 years experiences of LNG Fuel for marine use.

We have delivery records of DF burner for more than 200 vessels and have a reputation as safe and secure.

Around 40years sales record of DF burners;

Offshore vessel : for 30 vessels

LNG carrier : for 156 vessels

LNG fueled tanker : for 18 vessels

LNG fueled container carrier : for 6 vessels

Other LNG fueled vessel : for 5 vessels

## Certifications / Applicable rules

Classification : Vignis has experienced  
NK, LR, BV

Can be applicable for all  
other classifications.

Compliant with  
IGF code / IGC code