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ECO-Friendly Solution

LNG Vaporizer

LNG -160°C를 기화 시켜라!!

- 운송을 위해 저장된 LNG를 기화시켜 이용하기 위한 열교환기
- LNG FSRU, LNG 육상 터미널에 사용하는 HP Vaporizer
- 친환경 LNG 추진 선박에 필요한 LNG Vaporizer
- LNGC Cargo Handling의 다양한 운전 모드를 위한 Vaporizer System
- Shell & Tube에서 PCHE Type까지 공급

2017년 세계일류상품 선정



eco-care u1

이제 선박에서 요소수를 제조한다!!

- 비용 절약 : OPEX & CAPEX
- 시간 절약 : Bunkering 시간 축소
- 공간 절약 : TANK 사이즈 축소



AUS40 GENERATOR

H2 Pre Cooler

동화 Next 세계일류상품은 바로 'PCHE Type 수소 예냉기

- 고압수소기체 충전 방식의 수소충전소에서 차량에 수소를 충전하기 전 수소를 예냉하기 위한 열교환기
- 1,000 Bar 이상의 압력에서 열교환 목적으로 PCHE(Printed Circuit Heat Exchanger)으로 Compact 한 것이 특징
- KGS, ASME, PED 인증



- Perfect quality
- Excellent performance
- Fast delivery









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LNG,암모니아, 수소 분야 열교환 시스템의
FIRST MOVER & GLOBAL NO. 1.



에너지 전환의 기회!

탄소중립을 위한 저탄소를 지나
무탄소 에너지까지 ~

DongHwa Entec DongHwa Pneutec

It shows the present and future of DongHwa.
It expresses the present state from shipbuilding to industrial plants and the future direction for hydrogen and renewable energy.
This future growth engine is developed through the heat exchanger of DongHwa Entec and the compressor of Donghwa Pneutec.
As a technology-oriented system engineering company, we want to realize it through innovative and creative thinking.

GLOBAL TOP SPECIALTY 소부장 으뜸기업 1K
WORLD CLASS 300
SINCE 1980 40

LNG Fueled Ship
LNG Fuel Gas Supply System
BOG Compressor
BOG Re-liquefaction System

Ammonia & H2 Fueled Ship
Fuel Gas Supply System

LNG / LPG Carrier
Cargo Handling Vaporizer

LNG FSRU
LNG HP Vaporizer

LNG Terminal / LNG Cold Chain
LNG Vaporizer

H2 Liquefaction Plant
Main Cryogenic H/X

H2 Refueling Station
LH2 Vaporizing System
H2 Pre Cooler

H2 Fuel Cell Power Plant
Heat Recovery System

Carbon Capture System
Heat Exchanger

Power Plant & Chemical Plant
Surface Condensor

Autonomous
Cloud computing
Big Data
Automation

DongHwa Pneutec
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First Mover for Green Energy Technology

Big step forward engineering company