

MARINE AUXILIARY MACHINERY

Flue Gas Type Inert Gas System

The inert gas system uses the flue gas from biler combustion,processing through cooling,scrubbing and desulphurization,to produce inert gas which contents oxygen less than 5% ,so that the mixed gas concentration in ta...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Auxiliary Machinery
Standard	EN
Material	CCS:rules and regulations for the classification of seagoing steel ships...
Certificate	CCS certificate.

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Auxiliary Machinery	Model / SKU	Flue-Gas-Type-Inert-Gas-System
Standard	EN	Material	CCS:rules and regulations for the classification of seagoing steel ships.
Certificate	CCS certificate.	Warranty	12 Months unless specified otherwise
Origin	China		

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China Flue Gas Type Inert Gas System:

The inert gas system uses the flue gas from biler combustion,processing through cooling,scrubbing and desulphurization,to produce inert gas which contents oxygen less than 5% ,so that the mixed gas concentration in tank is controlled under explosive limits to keep vessel safe.It is and ideal way to protect tank and cargo during



transportation.

Flue gas from boiler combustion (mainly N₂, O₂, CO₂, SO₂, dust etc) rushes into scrubber tower in pipes to be condensed, scrubbed and desulfurized there, then the inert gas will be sent to the tank with the blower. The inert gas must go through the deck water seal which will prevent from air flow back. The purity of the inert gas sent to the tank must be inspected strictly, unqualified in the tank will be discharged to the atmosphere.

Features:

It is an advanced and economic technology to produce inert gas from boiler flue gas.

The original of flue gas is stable and capacity of inert gas is controllable.

The system design is reasonable. Density, pressure and capacity of inert gas is under strict inspection.

Advantages:

The whole system is tested for long time and has already got class certificates. It is originated in China with advanced technology and reliable operation.

Advanced, critical equipments like control valves, gas detectors etc are imported.

Easy to operate with the control panel which can display the whole operation process.

Perfect training and good aftersales service provided.

Technology parameters:

Capacity: 0 to 15000 m³/h

Composition of inert gas:

O₂: small or less than 5%

CO₂: Approximate 13%

SO₂: small or less than 100 PPM

N₂: The rest.

Standard:

CCS: rules and regulations for the classification of seagoing steel ships.

FSS international fire safety system.

System Flow Chart:

