DNV·GL

Certificate No:
MEDB0000240

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Shipboard incinerators

with type designation(s)
HSINC-50

Issued to
Hansun (jiangsu) Marine Technology Co., Ltd
QIDONG Jiangsu, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/2.7 and Annex B, Module B in the Directive. Marpol 73/78 as amended, Annex VI Regulation 16, IMO Res. MEPC.244(66)

Manufacturers authorised representative
Brännström Sweden AB
GÖTEBORG, Sweden

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2018-05-07**.

Issued at **Høvik** on **2016-12-05**

DNV GL local station:
Nantong CMC

Approval Engineer:
Pål Evang Nundal

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

The equipment is intended for installation onboard ships and other marine vessels or -installations, for incineration of waste oil and solid wastes.

Application/Limitation

Model	HSINC-50		
	Max. Capacity;	500.000	kcal/ h (580 kW)
	Waste oil only	63.0	kg/ h (IMO sludge oil)
	Solid wastes	30	kg/h

Type Examination documentation
Tests carried out

-Shanghai Center for Environmental Products Quality Supervision and Inspection,
Test Report No. 20083001, HSINC-50 Marine Incinerator, dated 28th Mar. 2008,
signed & stamped by DNV surveyor.
-Hansun Marine Incinerator, 'Test Proposal HSINC-50', Rev.1, signed and stamped by DNV surveyor, 2008-03-19.
- Hansun Marine Incinerator Test Proposal 2015-04-13, test carried out 27th April 2015

Marking of product

For traceability to this type approval, each incinerator is to be marked with;
— Identification of manufacturer
— Equipment type designation or model identification
— Capacity (net design heat release)
— Serial number
— Revision information, as applicable, for all firmware or software modules installed per hardware unit, necessary to identify the equipment, permanently marked somewhere on the final product.

This certificate replaces previous EC Type-Examination Certificate No. MED-B-9772