DNV·GL

Certificate No:
MEDB0000061

EC-TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. 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)
Incinerator Types ATLAS 600 S, 600 S WS/ S BWS, 600 SL P, 600 SL M, 600 SL WS P/ SL BWS P, 600 SL WS M

Issued to
Atlas Incinerators A/S
Vordingborg, Denmark

is found to comply with the requirements in the following Regulations/Standards:
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)

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

Høvik, 2015-09-22
for **DNV GL AS**

This Certificate is valid until
2018-05-16

Notified Body No.: **0575**

Vidar Dolonen
Head of Department

DNV GL local office:
Copenhagen

Pål Evang Nundal
Surveyor

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Product description

The equipment is intended for installation onboard ships and other marine installations for incineration of garbage/ solid wastes and waste oil / 'sludge'.

Application/Limitation

Type ATLAS 600 S;
Calorific Capacity 500,000 kcal/hr (581 kW)
Solid waste 250 lr./charge

Type ATLAS 600 S WS / S BWS;
Calorific Capacity 500,000 kcal/hr (581 kW)
Solid waste 100 kg/h

Type ATLAS 600 SL P;
Calorific Capacity 500,000 kcal/hr (581 kW)
Solid waste 250 lr./charge
Oil sludge waste 66 l/hr

Type ATLAS 600 SL M;
Calorific Capacity 500,000 kcal/hr (581 kW)
Solid waste 250 lr./charge
Oil sludge waste 66 l/hr

Type ATLAS 600 SL WS P / SL BWS P;
Calorific Capacity 500,000 kcal/hr (581 kW)
Solid waste 100 kg/h
Oil sludge waste 66 l/hr

Type ATLAS 600 SL WS M;
Calorific Capacity 500,000 kcal/hr (581 kW)
Solid waste 100 kg/h
Oil sludge waste 66 l/hr

Type Examination documentation

Model/Type:	Dwg.No:	Rev./ Date	Title:
ATLAS 600 S;	26N30050	Rev.3	Dimension drawing for ATLAS 600 S
	26P30268	Rev.2	Refractory dwg. for ATLAS 600
	26N40035	Rev.2	Thermal element PT-100
	26I32000	Rev.4	Pipe diagram for ATLAS 600 S
	02820	060215	Electrical system drawings for ATLAS 600 S System Teknik AS; Pages 001 thru 012, 020, 021, 022, 025, 030, 031, 032, 033, 034, 501 & 502

General Document: Technical Data for ATLAS Incinerator 600 S.

ATLAS 600 S WS / S BWS;

26N30049	Rev.4	Dimension drawing for ATLAS 600 S WS
26N30186	050314	Dim. drawing for ATLAS 600 S BWS
26P30268	Rev.2	Refractory lining dwg. for ATLAS 600
26N40035	Rev.2	Thermal element PT-100
26I32004	Rev.5	Pipe diagram for ATLAS 600 S WS
02821	060214	Electrical system drawings for ATLAS 600 S WS System Teknik AS; Pages 001 thru 012, 015, 020, 021, 022, 025, 031, 032, 033, 034, 501 & 502

General Document: Technical Data for ATLAS Incinerator 600 S WS.

ATLAS 600 SL P;

26N20285	Rev.2	Dimension drawing for ATLAS 600 SL P
26P30268	Rev.2	Refractory dwg. for ATLAS 600
26N40004	Rev.3	Thermal element NiCr-Ni (TC2)
26I32002	Rev.5	Pipe diagram for ATLAS 600 SL P
211115	121001	Sludge oil burner complete
MOD340 600 SLP 120816		Electrical diagrams for ATLAS 600 SL P

General Document: Technical Data for ATLAS Incinerator 600 SL P.

ATLAS 600 SL M;

26N30096	Rev.2	Dimension drawing for ATLAS 600 SL M
26P30268	Rev.2	Refractory dwg. for ATLAS 600
26N40004	Rev.3	Thermal element NiCr-Ni (TC2)
26I32010	Rev.2	Pipe diagram for ATLAS 600 SL M
211115	121001	Sludge oil burner complete
MOD340 600 SLM 120816		Electrical diagrams for ATLAS 600 SL M

General Document: Technical Data for ATLAS Incinerator 600 SL M.

ATLAS 600 SL WS P / SL BWS P;

26N20286	Rev.2	Dim. drawing for ATLAS 600 SL
26N30177	Rev.5	Dim. drawing for ATLAS 600 SL BWS P
26P30268	Rev.2	Refractory dwg. for ATLAS 600
26N40004	Rev.3	Thermal element NiCr-Ni (TC2)
26I32006	Rev.5	Pipe diagram for ATLAS 600 SL WS P
211115	121001	Sludge oil burner complete
MOD340 600 SLWS P 120816		Electrical diagrams for ATLAS 600 SL WS P

General Document: Technical Data for ATLAS Incinerator 600 SL WS P.

ATLAS 600 SL WS M;

26N30097	Rev.2	Dim. drawing for ATLAS 600 SL WS M
26P30268	Rev.2	Refractory dwg. for ATLAS 600
26N40004	Rev.3	Thermal element NiCr-Ni (TC2)
26I32009	Rev.2	Pipe diagram for ATLAS 600 SL WS M
211115	121001	Sludge oil burner complete
MOD340 600 SLWSM 120816		Electrical diagrams for ATLAS 600 SL WS M

General Document: Technical Data for ATLAS Incinerator 600 SL WS M.

Instruction Book - Installation, Operation and Maintenance of Incinerator Type ATLAS 600

Tests carried out

Test Reports

- DNV Copenhagen, Survey Report, Test of new PLC and horizontal exhaust, ATLAS 200 SL WSP, dated 2012-07-23.
- DNV Copenhagen, Survey Report, Test of incineration of bilge water, ATLAS 600 SL WSM, dated 2012-06-20.
- DNV Copenhagen, Verification Report, Burning test of incinerator type ATLAS 600 SL P, dated 2000-09-25
- DNV Copenhagen; Assessment Checklist Fabrication – Product, dt. 2000-09-25;
Factory/prototype test – control & safety functions
- Atlas Incinerators Test Report – Control & Safety Functions MAXI 600, Order No. 400592, dated 25-09-2000
- Aalborg Ciserv International A/S; Emission Test Report – ATLAS Incinerator, MAXI 50 SL, March 1994.

Marking of product

For traceability to this type approval, each incinerator is to be marked with:
- Manufacturers name or trade mark
- Type designation
- Serial No.

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

This certificate replaces previous EC Type-Examination Certificate No. MED-B-8374.