



Lloyd's
Register

Type Approval Certificate

This is to certify that the undernoted product has been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	Terragon Environmental Technologies Inc.
PLACE OF PRODUCTION	651 Bridge Street Montreal Quebec, H3K 2C8 Canada
DESCRIPTION	Marine Incinerator
TYPE	MAGS MV7 Micro Auto Gasification system
APPLICATION	Marine and Offshore installations
STANDARD	Rules & Regulations for the Classification of Ships, Part 5, Chapter 12 and 14. IMO MEPC 76(40)

RATINGS

Maximum capacity	Net designed heat release 112 kW 20 kg/hr (720kg/day) of specified waste 12.4 kg/hr (298kg/day) sludge burning capacity
O ₂ average in combustion chamber/zone	8%
CO average in flue gas	10.8 mg/MJ
Soot number average	1.53 Bacharach scale
Combustion chamber flue gas outlet temperature average	1015°C
Amount of unburned components in ashes	The unburnt residue (CHAR) must be disposed of ashore at a recognised reception facility

Certificate No. 14/00036

Issue Date 27 May 2014

Expiry Date 26 May 2019

Sheet 1 of 2

P.A. Stanney
Marine Technology & Engineering Services, Southampton
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

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"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 14/00036 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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