



EC PRODUCTION-QUALITY ASSURANCE (Module D) CERTIFICATE MARINE EQUIPMENT DIRECTIVE Certificate No.: 0832-MED-1020

This is to certify that BRE Global Ltd., as specified as a “notified body” under the terms of the Statutory Instrument 1999 No. 1957 The Merchant Shipping (Marine Equipment) Regulations 1999, did undertake the relevant quality assessment procedures for the equipment identified below which was found to be in compliance with the Fire protection of Marine Equipment Directive (MED) 96/98/EC as amended by Directive (EU) 2015/559 subject to any conditions in the annex attached hereto.

Applicant / Distributer :	Life Safety Distribution GmbH, System Sensor Europe Javastrasse 2 CH-8604 Hegnau Switzerland	Consilium Marine & Safety AB Salsmastaregatan 21 P.O. Box 8763 SE-402 76 Gothenburg Sweden
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Scope of certificate: A.1/3.51 – Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces – Items (c) heat detectors and (d) smoke detectors.

The examination encompassed the modules of conformity assessment of Annex B, Production quality assurance (Module D)

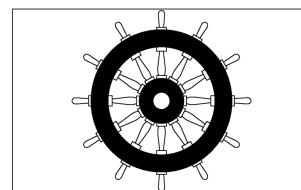
This Certificate is issued under the authority of the MCA under the terms stated above and remains valid for a period up to but not exceeding 5 years unless cancelled or revoked, providing the conditions in the attached annex are complied with.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment or quality management system, which have not been notified to, and agreed with BRE Global Ltd.

Subject to compliance with the conditions in the attached annex, which forms part of this certificate, and those articles 10.1(i) and 11 of the Directive, this certificate, in conjunction with the EC type examination (Module B) certificate detailed in the attached annex, authorises the manufacturer of the equipment listed to affix the mark of conformity (wheelmark) as detailed in the annex.

Signed on behalf of BRE Global Ltd.

T. Baker
Certification Scheme Manager



Issue date: 18 August 2016
First issued: 02 August 2010

Issue: 04
Valid Until: 17 August 2021

BRE Global Ltd., Garston, Watford WD25 9XX. Tel 01923 664100 Fax 01923 664603 (www.breglobal.co.uk)

This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions and is maintained and held in force through regular surveillance activities. To check the authenticity of this certificate please contact us.



ANNEX TO
EC PRODUCTION-QUALITY ASSURANCE (Module D) CERTIFICATE
No. 0832-MED-1020

Item		Module B type examination data		
A.1/3.51	Fixed fire detection and fire alarm systems components for control stations, service spaces, machinery spaces and unattended machinery spaces – Items (c) heat detectors and (d) smoke detectors.	<u>Number:</u> 0832-MED-1019	<u>Date:</u> 02 August 2010	<u>Notified Body:</u> BRE Global Ltd No. 0832

Description:

System Sensor Europe:

ECO1002	Conventional photo-thermal detector
ECO1003	Conventional photoelectric smoke detector
ECO1005	Class A1R conventional thermal detector
ECO1005T	Class A2S conventional fixed temperature heat detector
ECO1004T	Class BS conventional high temperature heat detector

Consilium Marine & Safety AB:

EC-PH/A1R	Conventional photo-thermal detector
EC-P	Conventional photoelectric smoke detector
EC-H/A1R	Class A1R conventional thermal detector
EC-H/A2S	Class A2S conventional fixed temperature heat detector
EC-H/BS	Class BS conventional high temperature heat detector

Bases:

System Sensor Europe:

- a) ECO1000B standard base
- b) ECO1000BSD standard base with schottky diode
- c) ECO1000BR standard base, 470Ω resistor
- d) ECO1000BRSD standard base, 470Ω resistor and schottky diode
- e) ECO1000BR680 standard base, 680Ω resistor
- f) ECO1000BR680SD standard base, 680Ω resistor and schottky diode

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Certification Scheme Manager

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- g) ECO1000BR1000 standard base, 1000 Ω resistor
- h) ECO1000BR1000SD standard base, 1000 Ω resistor and schottky diode.
- i) ECO1000DB deep base
- j) ECO1000DBR deep base with 470 Ω resistor
- k) ECO1000DBRSD deep base with 470 Ω resistor and schottky diode
- l) WB-1 Wet base

Consilium Marine & Safety AB:

- a) EC-ADAPT, Bulkhead Adaptor
- b) EC-BASE, standard base with 470 Ω resistor

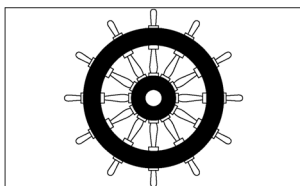
Places of production: (if different from client or where there are several)

Manufacturer: Pittway Tecnologica Srl.
Via Caboto 19/3
34147 Trieste
Italy

Restrictions:

See Module B type examination certificate.

Example of mark of conformity



Notes;

1. 0832 – BRE Global Ltd Notified Body identification No.
2. /xx – indicates last two digits of year in which marking is applied.

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