

# BRE Global

## MARINE EQUIPMENT DIRECTIVE 2014/90/EU Regulation: (EU) 2019/1397

## EC PRODUCTION-QUALITY ASSURANCE (Module D) Certificate: 0832-MED-1020

**Notified Body No. 0832**  
BRE Global Limited  
Bucknalls Lane, Garston, Watford,  
Hertfordshire, UK, WD25 9XX  
Telephone: +44 (0) 333 321 8811  
Email: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)  
Web: [www.breglobal.com](http://www.breglobal.com)

**Issued to:** Pittway Tecnologica Srl.  
Via Caboto 19/3  
34147 Trieste  
Italy

### Regulation Item

### Item Designation

MED/3.51c	Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces (c) Heat detectors — Point detectors
MED/3.51d	Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces (d) Smoke detectors: Point detectors using scattered light, transmitted light or ionization

### Equipment category

### Scope of Certificate:

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

This is to certify that BRE Global Limited did undertake the relevant quality assessment procedures for the equipment identified above which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU subject to any conditions in the annex attached hereto, and with the type described in the EC Type Examination Certificates (Module B) listed in the annex to this Certificate.

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.

Subject to compliance with the conditions in the attached annex, which forms part of this certificate, 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.

This certificate loses its validity if the manufacturer makes any changes or modifications to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate and/or after lapse of time, withdrawal or revocation.

Tony Baker, Certification Scheme Manager ,

On behalf of BRE Global Limited

Date of First Issue: 2 August 2010

Date of issue: 8 November 2019

Valid until: 31 August 2022

Issue number 05

The attached Annex forms part of this certificate.

The certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached annex are complied with.  
To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com).

**BRE Global Limited**

Bucknalls Lane,  
Garston, Watford,  
Hertfordshire, UK,  
WD25 9XX

**Notified Body No. 0832**

Telephone: +44 (0) 333 321 8811  
Email: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)  
web: [www.breglobal.com](http://www.breglobal.com)

**MARINE EQUIPMENT DIRECTIVE 2014/90/EU  
Regulation: (EU) 2019/1397  
EC PRODUCTION-QUALITY ASSURANCE (Module D)  
CERTIFICATE 0832-MED-1020**

**Annex:**

**Issued to:** Pittway Tecnologica Srl.  
Via Caboto 19/3  
34147 Trieste  
Italy

**Place of Production:** Pittway Tecnologica Srl.  
Via Caboto 19/3  
34147 Trieste  
Italy

**Project Number**

The technical documentation in support of this certificate is located within BRE Global project file(s):  
OPP002356

**Certification Assessment Report Number:**

TE-OPP002356

**Product Details**

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>First Issued:</u> 02 August 2010	<u>Notified Body:</u> BRE Global Ltd No. 0832



Tony Baker, Certification Scheme Manager ,

On behalf of BRE Global Limited

Date of First Issue: 2 August 2010

Date of issue: 8 November 2019

Valid until: 31 August 2022

Issue number 05

The attached Annex forms part of this certificate.

The certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached annex are complied with.

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com).

**BRE Global Limited**

Bucknalls Lane,  
Garston, Watford,  
Hertfordshire, UK,  
WD25 9XX

**Notified Body No. 0832**

Telephone: +44 (0) 333 321 8811  
Email: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)  
web: [www.breglobal.com](http://www.breglobal.com)

**MARINE EQUIPMENT DIRECTIVE 2014/90/EU**  
**Regulation: (EU) 2019/1397**  
**EC PRODUCTION-QUALITY ASSURANCE (Module D)**  
**CERTIFICATE 0832-MED-1020**

**Annex:****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:**

- ECO1000B standard base
- ECO1000BSD standard base with schottky diode
- ECO1000BR standard base, 470Ω resistor
- ECO1000BRSD standard base, 470Ω resistor and schottky diode
- ECO1000BR680 standard base, 680Ω resistor
- ECO1000BR680SD standard base, 680Ω resistor and schottky diode
- ECO1000BR1000 standard base, 1000Ω resistor
- ECO1000BR1000SD standard base, 1000Ω resistor and schottky diode.
- ECO1000DB deep base
- ECO1000DBR deep base with 470Ω resistor
- ECO1000DBRSD deep base with 470Ω resistor and schottky diode
- WB-1 Wet base

**Consilium Marine & Safety AB:**

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



Tony Baker, Certification Scheme Manager ,

On behalf of BRE Global Limited

Date of First Issue: 2 August 2010

Date of issue: 8 November 2019

Valid until: 31 August 2022

Issue number 05

The attached Annex forms part of this certificate.

The certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached annex are complied with.

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com).

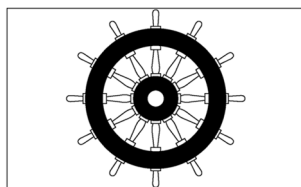
**BRE Global Limited**

Bucknalls Lane,  
Garston, Watford,  
Hertfordshire, UK,  
WD25 9XX

**Notified Body No. 0832**

Telephone: +44 (0) 333 321 8811  
Email: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)  
web: [www.breglobal.com](http://www.breglobal.com)

**MARINE EQUIPMENT DIRECTIVE 2014/90/EU**  
**Regulation: (EU) 2019/1397**  
**EC PRODUCTION-QUALITY ASSURANCE (Module D)**  
**CERTIFICATE 0832-MED-1020**

**Annex:****Example of mark of conformity**

0832/Year

**Notes;**

1. 0832 – BRE Global Ltd Notified Body identification No.
2. Year – indicates the year in which marking is applied.



Tony Baker, Certification Scheme Manager ,

On behalf of BRE Global Limited

Date of First Issue: 2 August 2010

Date of issue: 8 November 2019

Valid until: 31 August 2022

Issue number 05

The attached Annex forms part of this certificate.

The certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached annex are complied with.

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com).