

BRE Global

**Merchant Shipping (Marine Equipment) Regulations
2016 as amended
Regulation: MSN 1874 (M+F) Amendment 7**

**United Kingdom type-examination certificate Part 1 of Schedule 2 (Module B)
Certificate: 0832-UKCA-MED-F1015**

UK Approved Body No. 0832

BRE Global Limited
Bucknalls Lane, Garston, Watford,
Hertfordshire, UK, WD25 9XX
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Web: www.breglobal.com

Issued To: HAES TECHNOLOGIES LIMITED
Unit 3, Horton Industrial Estate
Horton Road
West Drayton, Middlesex
UB7 8JD
United Kingdom

Regulation Item

Item Designation

UK/3.51a
UK/3.51b

Fixed fire detection and fire alarm systems components for control stations,
service spaces, accommodation spaces, cabin balconies, machinery spaces and
unattended machinery spaces
(a) Control and indicating equipment
(b) Power supply equipment

Product Type and Description

ESENTO-MAR Range

ESEN-2MAR

ESEN-4MAR

ESEN-8MAR

ESEN-12MAR

ESEN-R-12MAR

2 Zone Conventional CIE housed in a small cabinet

4 Zone Conventional CIE housed in a small cabinet

8 Zone Conventional CIE with zone expansion card housed in a large cabinet

12 Zone Conventional CIE with zone expansion card housed in a large cabinet

12 Zone Marine Repeater Panel



Tony Baker, Certification Engineer

On behalf of BRE Global Limited

Date of First Issue: 08 June 2023

Date of Issue: 08 June 2023

Valid Until: 07 June 2028

Issue Number: 01

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The certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached annex are complied with.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

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**Additional Economic
Operators:**

If no Additional Economic
Operators delete this row – hit
'delete' to remove this guidance.

Distributor
HAES TECHNOLOGIES LIMITED
Unit 3, Horton Industrial Estate,
Horton Road,
West Drayton, Middlesex,
UB7 8JD
United Kingdom

Places of Production:

HAES TECHNOLOGIES LIMITED
Unit 3, Horton Industrial Estate,
Horton Road,
West Drayton, Middlesex,
UB7 8JD
United Kingdom

Testing Standards

IEC 60092-504: 2016,
IEC 60533: 2015,
EN 54-2: 1997 + A1: 2006
EN 54-4: 1997 + A1: 2002 + A2: 2006



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Merchant Shipping (Marine Equipment) Regulations 2016 as amended.**Regulation: MSN 1874 (M+F) Amendment 7****United Kingdom type-examination certificate Part 1 of Schedule 2 (Module B)****CERTIFICATE 0832-UKCA-MED-F1015****Annex****Project Number**

The technical documentation in support of this certificate is located within BRE Global project files(s):
BRE UK project E123246 and P114459 file(s) – transferred from BRE Global Assurance (Ireland) Ltd project
file P300109

Certification Assessment Report Number:

TE285787-SW, TE297382, TE-P114459-1001

Product Details

ESEN-2MAR 2 Zone Conventional CIE housed in a small cabinet

ESEN-4MAR 4 Zone Conventional CIE housed in a small cabinet

ESEN-8MAR 8 Zone Conventional CIE with zone expansion card housed in a large cabinet

ESEN-12MAR 12 Zone Conventional CIE with zone expansion card housed in a large cabinet

ESEN-R-12MAR 12 Zone Marine Repeater Panel

Limitations of Use

- 1) The Control and Indicating Equipment and Power Supply has an IP rating of IP40
- 2) The devices have been tested to the prescribed vibration levels for general use.

This Certificate does not apply to equipment which has been varied or modified from the systems tested. The manufacturer must submit modified equipment for consideration by this Agency prior to any modifications being made to equipment supplied to market.



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This certificate does not entitle the manufacturer to place the Merchant Shipping (Marine Equipment) Regulations Mark of Conformity (Ensign) and Approved body number on the product, unless conformity assessment module D or E or F have been carried out in addition to Module B.

Note 1: This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

Note 2: During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

This is to certify that BRE Global Limited did undertake the relevant UK Type Examination for the equipment identified above which was found to be in compliance with the Fire Protection requirements of Merchant Shipping (Marine Equipment) Regulations 2016 as amended subject to any conditions in the annex attached hereto.

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 this annex are complied with.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance modules (D, E or F) of Schedule 2 parts 2, 3 or 4 of the UK Merchant Shipping (Marine Equipment) Regulations 2016 as amended are fully complied with and controlled by a written inspection agreement with an Approved Body.



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