

## **DECLARATION OF PERFORMANCE**

In accordance with Construction Products Regulation EU No. 305/2011

**No: HAES-01515-ESENMAR-DoP Issue 1**

1. Unique Product identification code of the product type:

**ESENTO Marine fire detection and fire alarm control panels**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11 (4) of the CPR:

<b>Part No. Reference</b>	<b>Equipment</b>
ESEN-2MAR	ESENTO Marine 2 zone Fire detection control panel
ESEN-4MAR	ESENTO Marine 4 zone Fire detection control panel
ESEN-8MAR	ESENTO Marine 8 zone fire detection control panel
ESEN-12MAR	ESENTO Marine 12 zone fire detection control panel
ESEN-R-12MAR	ESENTO Marine 12 zone repeater panel

3. Intended use of the construction product:

**CIE - Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces**

4. Name, registered trade name or registered trademark and contact address of the manufacturer:

**Haes Technologies Limited**  
**Unit 3, Horton Industrial Park,**  
**West Drayton, Uxbridge, Middlesex UB7 8JD**  
**United Kingdom**

5. Where applicable; name and contact address of the authorised representative whose mandate covers the tasks specified in article 12 (2):

**Not applicable**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 1**

7. In the case of the Declaration of performance concerning a construction product covered by a harmonized standard: **EN 54-2:1997 + A1:2006, EN 54-4:1998 +A1:2002 +A2:2006**

**BRE Global Limited 2831**

Have performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and approval of the factory production control under system 1 and issued following certificate of constancy of performance:

**2831-MED-1086 (ESENMAR)**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Not applicable, see item 7**

9. Declared performance:

Harmonized Technical Specification		EN 54-2:1997 + A1:2006
Essential characteristics	Performance	Clause
7 Fire alarm conditions		
7.1 Reception and processing of fire signals	Pass	7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5
7.2 Indications of the fire alarm condition	Pass	7.2 a), b) & c)
7.3 Indication of the zones in alarm	Pass	7.3.1, 7.3.2
7.4 Audible indication	Pass	7.4.1, 7.4.2, 7.4.3
7.5 Other indications during the fire alarm condition	Pass	7.5.1
7.6 Reset from the fire alarm condition	Pass	7.6.1, 7.6.2
7.7 Output of the fire alarm condition	Pass	7.7.1, 7.7.2, 7.7.3
8 Fault warning condition		
8.1 Reception and processing of fault signals	Pass	8.1.1, 8.1.2 a) b) c) & d), 8.1.3
8.2 Indications of faults in specific functions	pass	8.2.1, 8.2.2, 8.2.3, 8.2.4 a) b) & d), 8.2.5 a), 8.2.6 b)
8.6 Audible indication	Pass	8.6.1, 8.6.2, 8.6.3
8.7 Reset of the fault indication	Pass	8.7.1, 8.7.2
8.8 Fault output	Fault output	8.8
9 Disabled condition		
9.1 General requirements	Pass	9.1.1, 9.1.2, 9.1.3, 9.1.4
9.2 Indication of the disabled condition	Pass	9.2 a) & b)
9.3 Indication of specific disablements	Pass	9.3.1, 9.3.2
9.4 Disablements and their indication	Pass	9.4.1 a), 9.4.2 a)
14 Marking	Pass	14 a), b), c)
Harmonized Technical Specification		EN 54-4:1998 +A1 & A2
8 Marking	Pass	8 a), b), c), d)

**Manufacturers and suppliers of fire detection and alarm equipment**

Where, pursuant to Article 37 or 38, the Specific Technical Documentation has been used, the requirements with which the product complies:

**N/A**

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

(Name and function)

Rashid Ahmed                      Compliance Manager

(Place and date of issue)

West Drayton, UK              2<sup>nd</sup> February 2021

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..... (Signature)