



UK Approved Body Authorised  
by the MCA

**Certificate number:** 75344/A0 UK

**File number:** ACI 1000/251/004

**Item number:** UK/3.11a

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

**Approved Body 8517 - UNITED KINGDOM MARINE EQUIPMENT APPROVAL**

## UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

*This is to certify that Bureau Veritas SA UK Branch Office did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, subject to any conditions in the schedule attached hereto.*

*This certificate is issued to:*

**HELDER & MAY B.V.**

Meerkerk - NETHERLANDS

*for the type of product*

**"A" CLASS DIVISIONS, FIRE INTEGRITY**

A-60 Class floating floor "NAUTEC SX-L"

**Requirements:**

SOLAS 74 convention as amended, Regulations II-2/9, II-2/3.2

IMO Res MSC.307(88) -(2010 FTP Code)-

IMO MSC/Circ.1120, IMO MSC.1/Circ.1434, IMO MSC.1/Circ.1435 and IMO MSC.1/Circ.1616

*The attached (schedule of approval) forms part of this certificate.*

*This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.*

**This certificate will expire on: 15 Aug 2025**

**Issued by Bureau Veritas SA UK Branch Office**

**(Approved Body 8517)**

At BV GRONINGEN, on 20 Sep 2023,

Olaf RUITER

***This certificate was created electronically and is valid without signature***



*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.*

*Note 3: "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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body."*

*Note 4: In case limitations of use apply, these should be indicated in the Annex.*

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site [www.veristar.com](http://www.veristar.com). Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION:**

#### **A-60 Class floating floor type NAUTEC SX-L**

Structural steel deck insulated on top with a floor system built as follows:

- one layer of mineral wool type SeaRox SL 436, nominal density 140 kg/m<sup>3</sup>, 30 mm thick, with aluminium foil
- one layer of steel wire mesh Ø 3 mm, centre to centre 50 mm in squares
- one layer of NAUTEC SX-L mortar, nominal density 1500 kg/m<sup>3</sup>, 30 mm thick

### **2. DOCUMENTS AND DRAWINGS:**

As per the Manufacturer's drawing dated 24/09/2018.

### **3. TEST REPORTS:**

Test report n° 2018-Efectis-R001066 dated 08/2018 as per IMO FTP Code 2010, Annex 1, Part 3 from Efectis, the Netherlands.

### **4. APPLICATION / LIMITATION:**

4.1 - Approval also valid for ships having to comply with the HSC Code (Item n°MED/3.34), for a structural fire protection time of 60 minutes: "Load bearing fire-resisting steel deck 60".

4.2 - The fitting aboard to be the same as used for the test.

### **5. PRODUCTION SURVEY REQUIREMENTS:**

5.1 - This certificate alone does not allow the applicant to issue the UK Declaration of Conformity and to affix the mark of conformity (United Kingdom conformity mark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, is to be complied with and controlled by a written inspection agreement with an Approved Body.

5.2 - The following component(s) shall comply with the requirements of Merchant Shipping (Marine Equipment) Regulations 2016, as amended, and be marked with the United Kingdom Conformity Mark:

- the insulating material "SeaRox SL 436" and "NAUTEC SX-L"
- any added finish surface material(s).

### **6. MARKING OF PRODUCT:**

Reference is made to the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, Part3:

In particular Article 15.3 specifies that the United Kingdom conformity mark shall be followed by the identification number of the Approved Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

### **7. OTHERS:**

It is **Helder & May B.V.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

\*\*\* END OF CERTIFICATE \*\*\*