



Certificate No. 01-013240/019795

## TYPE APPROVAL CERTIFICATE

This is to certify that this product, on the basis of the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

**PORTABLE FOAM FIRE EXTINGUISHER, Capacity 9 l  
Type 14396\_45**

MANUFACTURER:

**A.B.S. s.r.l.**

Viale Lombardia, 310  
20861 Brugherio (MB)  
ITALY

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

**Rules for the classification of ships, Part 17-Fire Protection; International Convention for the Safety of Life at Sea SOLAS 1974, as amended; IMO Resolution A.951(23).**

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: **2023-03-14**

Place and date: Split, 2019-03-14

Seal

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

**DETAILED PRODUCT DESCRIPTION:**

**Portable foam fire extinguisher with stored pressure, Type 14396\_45**  
**Cylinder material: steel DC01 EN10130**  
**Cylinder dimensions (external diameter/height): 190/552 mm**  
**Valve body material: aluminium**  
**Cylinder capacity: 13,2 l**  
**Type and extinguishing agent quantity: Sealfire®ABF 26 %, 9 l**  
**Operating temperature range: 0°C to + 60°C**  
**Fire rating according to EN 3-7: 55A - 233B - 75F**

**APPLICATION / LIMITATIONS:**

**Extinguishing of class A, B and F fires on ships.**

**TYPE APPROVAL DOCUMENTATION:**

**Test report No. 0013\DC\EST\17 dated 14.11.2017. issued by CSI S.p.a.**

**Drawings attached to the Test report:**

**No. 13396\_45 rev. A dated 01.02.2016., no. 27507\_45 dated 20.06.2017., no. 21821\_45 rev. 3 dated 23.6.2009., no. 21617 dated 07.02.2013, no. 21709\_45 dated 08.05.2003, no. 21534 rev. A dated 07.02.2013., no. 21032 dated 19.3.2007. and no. 20052 dated 7.2.2013.**

**MARKING OF PRODUCT:**

**Each fire extinguisher shall be marked with: manufacturer's name, type of product and date of manufacture (month and year).**

**CONDITIONS FOR CERTIFICATION:**

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