



Certificate No. 01-013337/019795

## 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:

**MOBILE (WHEELED) FOAM FIRE EXTINGUISHER, Capacity 150 l  
Type 14284**

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.**

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

APPROVAL IS VALID UNTIL: **2023-04-16**

Place and date: Split, 2019-04-16

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:**

**Mobile (wheeled) foam fire extinguisher, Type 14284**  
**Cylinder material: steel AISI 304, DD12 EN 10111**  
**Cylinder dimensions (external diameter/height): 450/1330 mm**  
**Valve body material: brass**  
**Cylinder capacity: 177 l**  
**Extinguishing agent type and quantity: Foam 2,5% SEALFIRE X (AFFF 1% F-15), 150 l**  
**Operating temperature range: 0°C to + 60°C**  
**Fire rating according to EN 1866-1: A – IVB**  
**Operation: External propellant gas cartridge (3,2 kg CO<sub>2</sub>, 300 bar)**

**APPLICATION / LIMITATIONS:**

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

**TYPE APPROVAL DOCUMENTATION:**

**Test report No. 2013-F-5597/ABS 17 dated 23.06.2014. issued by MPA Dresden GmbH.**

**Drawings attached to the Test report:**

**no. 18284 dated 18.02.2014., no. 27006 dated 17.02.2014., no. 27004 dated 17.02.2014., no. 21144 A-G, dated 21.04.2009., no. 21534 dated 19.02.2007. no. 21534/A, dated 20.04.2009, no. 20649 dated 06.03.2003., no. 20649/A dated 28.04.2005. no. 66030 and no.66030/A dated 15.09.2009, no. 21006 dated 11.04.2005., no. 21730 dated 09.11.2000., no. 20016 dated 18.02.2010., no. 21931 and 21931/A dated 26.01.2010., no. 21802 dated 02.04.2009. and no. 20105 dated 07.02.2013.**

**MARKING OF PRODUCT:**

**Each mobile 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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