



Certificate No. 01-013334/019795

## 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 POWDER FIRE EXTINGUISHER, Capacity 12 kg  
Type 14173**

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: **2023-04-16**

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:**

**Portable powder fire extinguisher with CO<sub>2</sub> internal cylinder, Type 14173**  
**Cylinder material: steel DD12 EN 10111**  
**Cylinder dimensions (external diameter/height): 190/458 mm**  
**Cylinder capacity: 13,4 l**  
**Valve body material: brass**  
**Extinguishing agent type and quantity: Powder FUREX ABC 40, 12 kg**  
**Operating temperature range: - 30°C to + 60°C**  
**Fire rating according to EN 3-7: 55A - 233B - C**

**APPLICATION / LIMITATIONS:**

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

**TYPE APPROVAL DOCUMENTATION:**

**Test report No. 2808-2005 dated 26.07.2006. issued by Istituto Masini S.r.l.**

**Drawings attached to the Test report:**

**no. 13173 dated 03.05.2006., no. 27502 dated 03.05.2006., no. 20040 dated 02.07.2003., no. 20659 dated 03.05.2006., no. 21035 dated 28.04.2005., no. 21709 dated 08.05.2003. and no. 20208 dated 28.06.2005., no. 20728 dated 01.07.2003. and no. 20052 dated 28.04.2005.**

**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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