



Certificate No. 01-013242/019795

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) POWDER FIRE EXTINGUISHER, Capacity 50 kg
Type 14163_10**

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: **2023-03-14**

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:

Mobile (wheeled) powder fire extinguisher, Type 14163_10
Cylinder material: steel AISI 304, DD12 EN 10111
Cylinder dimensions (external diameter/height): 300/875 mm
Valve body material: brass
Cylinder capacity: 54 l
Extinguishing agent type and quantity: Powder "Furex ABC 30", 50 kg
Operating temperature range: -30°C to + 60°C
Fire rating according to EN 1866-1: A – IVB - C
Operation: External propellant gas cartridge (3l Nitrogen/N₂, 140 bar, 20°C)

APPLICATION / LIMITATIONS:

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

TYPE APPROVAL DOCUMENTATION:

Test report No. 1250-2009 dated 26.06.2009. issued by Istituto Masini S.r.l.

Drawings attached to the Test report:

No. 18163_10 dated 20.04.2009., no. 21818 dated 21.04.2009., no. 27806, dated 21.04.2009., no. 21034, and no. 21042 dated 20.04.2009., no. 20519 dated 21.04.2009., no. 20108, dated 20.04.2009., no. 20649 dated 20.04.2009., no. 21038 dated 20.04. 2009., no. 21931 dated 13.11.2000. and no. 21004 dated 20.04.2009.

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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