Certificate number: 22549/D0 MED
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Item number: MED/3.38

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

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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2025/1533 of 23 July 2025

This certificate is issued to:

DESAUTEL

5 AVENUE DE LATTRE DE TASSIGNY, ZONE INDUSTRIELLE, 69330, MEYZIEU, FRANCE

for the type of product

PORTABLE FIRE-EXTINGUISHING EQUIPMENT FOR LIFEBOATS AND RESCUE BOATS

Trade name: DESAUTEL, AUCA, MIM, SURVITEC, KENBRI
PORTABLE PULVERIZED WATER, WET CHEMICAL AND FOAM, 6L EXTINGUISHERS (MED009) : type AL6S-30, AL6F and E6A6EVP.

Requirements:
Row 2 of 2 of Regulation (EU) 2024/1975:

SOLAS 74 convention as amended, Regulations III/4, III/34, X/3
IMO Res. MSC.48(66) -(LSA Code)- amended by MSC.207(81), MSC.218(82), MSC.272(85), MSC.293(87), MSC.320(89), MSC.368(93) and MSC.425(98) I, IV, V
IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 8
IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 8
IMO Res. A.951(23)
EN 3-7:2004 incl. /A1:2007, EN 3-8:2021, EN 3-9:2006 incl. AC:2007 and EN 3-10:2009

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

This certificate will expire on: 05 Jan 2031

For Bureau Veritas Marine & Offshore Notified Body 2690,
At BV LYON, on 05 Jan 2026,
Michaël Vavro

This certificate was created electronically and is valid without signature

This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

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 will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site 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:

EXTINGUISHERS 6L WATER SPRAY EXTINGUISHERS, type E6A15 EVF UNITOR

Type	AL6 F	E6A6EVP	AL6S-30
Capacity Water	6L RC50	5,64 L	6L EXD-30
Additive	-	0,36L POLYFOAM 3/6S	-
Temperature Range of Use	- 20°C to +60°C	+5°C to +60°C	- 30°C to +60°C
Discharge Time	31.9 seconds	20 seconds	23.9 seconds
Propelling Gas	CO2 ; 60 g		CO2 ; 80 g
Total Weight	~ 12 kg		
Maximum allowable pressure (at 60°C)	20.9 bar		
Test Pressure (cylinder)	30 bar		
Diameter	D170 mm		
Overall Height	~ 690 mm		
Hose Length	from 650 mm to 800 mm		
Fire Class	21A/75F	13A/144B + polar solvents	21A/183B

Other materials and/or components:

Cylinder	Steel
Operating Valve	Aluminium alloy
Siphon Tube	PVC
Hose	Reinforced rubber
Nozzle	Polyamide
Mounting Bracket	Steel

2. DOCUMENTS AND DRAWINGS:

2.1 - Design Drawings

Type	AL6 F	E6A6EVP	AL6S-30
Plan ensemble	UDA00330 issue E	UDA00400 Ind. E dated 31/01/2024	UDA00441 Ind. C dated 30/01/2024
BODY	UDA00035 Ind.E dated 16/10/2017	UDA00035 Ind. E dated 16/10/2017	UDA00035 Ind. E dated 16/10/2017
HEADCAP with CO2 CARTRIDGE	UDA00312 Ind. B dated 05/12/2011	UDA00403 Ind. D02 dated 24/07/2018	UDA00312 Ind. B dated 05/12/2011
CO2 CARTRIDGE	60 g UDA00905 Ind. C dated 18/01/2022		80 g UDA00905 Ind. C dated 18/01/2022
NOZZLE	UDA00302 Ind. B dated 19/02/2020		
ADDITIVE FOAM CONTAINER	/	UDA00404 Ind. C02 dated 11/10/2017	/
DIFFUSOR	UDA00311 Ind. A dated 13/03/2006	UDA00408 Ind. A dated 20/10/2008	0312470 Ind. B dated 13/12/2013
MARINE BRACKET	UDM021 Ind. A01 dated 20/11/2012		

Products characteristics synthesis "Extincteurs portables 6L Eau et additifs" MED009 dated 04/10/2024.

2.2 - Manual(s) for maintenance
AL6F, AL6S-30: N° 6080160 Ed. 03 dated 02/2023
E6A6 EVP: N° 6080132 Ed. 06 dated 02/2023

2.3 - Informative forms
AL6F, AL6S-30: N° 6080690 Ed. 01 dated 09/2019
E6A6EVP: N° 6080133 Ed. 05 dated 01/2023

2.4 - Safety datasheet(s) of the extinguishing media
POLYFOAM 3/6S: Version 4 dated 25/01/2016

3. TEST REPORTS:
3.1 - Test reports as per EN 3-7 for variants :
- M18 coupling:

- Technical assessment CNPP as per EN 3-7:2004 +A1/2007 n° EH 09 12 05 1060 dated 16/12/2009 from CNPP, France.
- Test report CNPP as EN 3-7 n° EH 05 10 06 1070-1 dated16/12/2009 from CNPP, France

- Curved handle:

- Technical assessment CNPP as per EN 3.7:2004 +A1/2007 n° EA 11 09 01 1060 dated 26/09/2011 from CNPP, France.

- Silicone seal:

- Technical assessment CNPP as per EN 3.7:2004 +A1/2007 n° EA 24 02 01 1060 dated 11/03/2024 from CNPP, France.

3.2 - AL6F
- Test report as per EN 3-7+A1:2007 n° 2011-F-5476_DS 15 AL6F dated 12/03/2012 from MPA Dresden GmbH, Germany.
- Test report as per EN 3-7+A1:2007 n° EH 17 0301 1070-2 (test with silicone seal) dated 28/02/2024 from CNPP, France

3.3 - AL6S-30
- Test report as per EN 3-7+A1:2007 n° 2011-F-5476_DS 16 AL6S-30 dated 12/03/2012 from MPA Dresden GmbH, Germany.

3.4 - E6A6EVP
- Test report Apragaz as per EN 3-7+A1:2007 n° 10482-2 (dielectric test only) dated 29/04/2016 from Apragaz, Belgium
- Test report Apragaz as per EN 3-7+A1:2007 n° EN 11788 dated 26/072018 from Apragaz, Belgium.

3.5 - Test reports as per EN 3-8:2021
- Test report as per EN 3-8:2021 n° 12436 dated 12/04/2023 from Apragaz, Belgium

4. APPLICATION / LIMITATION:
4.1 - Manufacturer's instruction for maintenance and recharging the extinguishers should be kept on board.

4.2 - The extinguishers are to be installed according to manufacturer's instructions.

4.3 - **For extinguisher E6A6EVP only**: suitable for use on live electrical equipment up to 1000V at a distance of 1 m.

4.4 - Approval only valid for lifeboats and rescue boats.

4.5 - Due to the type of extinguishers covered by this certificate (i.e. extinguisher with cartridge), the standard EN 3-9:2006 incl. AC:2007 quoted in the requirements in front page is not applicable.

5. PRODUCTION SURVEY REQUIREMENTS:
5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) 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 Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

5.2 - The manufacturer shall institute quality control procedure in order to ensure that the fire extinguishers type "E6A15 EVF UNITOR" are produced in accordance with the requirements stated in front page of this certificate and to keep records of any production tests carried out in accordance with these requirements.

5.3 - For information, **DESAUTEL**, has declared to Bureau Veritas the following production site:

DESAUTEL
5 Avenue de Lattre De Tassigny
Zone Industrielle
69330 MEYZIEU
FRANCE

6. MARKING OF PRODUCT:

As per IMO Resolution A.951 (23), paragraph 8, EN standards and the provisions of the Directive:

1 - Model designation

2 - Manufacturer's name and address

3- Type of fire for which the extinguisher is suitable

4 - Type and quantity of extinguishing medium

5 - Propelling gas

6 - Instruction for use and recharge *(it is recommended that operating instructions be given in pictorial form, in addition to explanatory text in language understood by the likely user)*

7 - Year of manufacture

8 - Temperature range over which the extinguisher will operate satisfactorily

9 - Test pressure

10 - **For extinguisher E6A6EVP only:** the extinguisher shall be marked to indicate that it is suitable for the use on live electrical equipment

11 - Reference is made to MED 2014/90/EU chapter 2.
In particular, Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified 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:

7.1 - It is **DESAUTEL**'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.

7.2 - This Certificate supersedes EC Type Examination Certificate n° 22549/C0 MED issued on 26/10/2020 by the Society.

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