Marine & Offshore

Certificate number: 09075/F0 MED
File number: ACI7000/004/015
Item number: MED/3.2

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) 2024/1975 of 19 July 2024

This certificate is issued to:

DESAUTEL

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

for the type of product

PORTABLE FIRE EXTINGUISHERS

PORTABLE CO2 EXTINGUISHERS (MED007), type "5 kg"/"K5"/"U5C"
TRADE NAME : DESAUTEL, AUCA, MIM, SURVITEC, KENBRI

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

SOLAS 74 convention as amended, Regulations II-2/4, II-2/10, II-2/18, II-2/19, II-2/20, X/3
IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7
IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7
IMO Res. MSC.98(73) -(FSS Code)- as amended by MSC.206(81), MSC.217(82), MSC.292(87), MSC.311(88), MSC.327(90), MSC.339(91), MSC.367(93), MSC.403(96), MSC.410(97), MSC 457(101) and MSC.484(103), 4
IMO Res. MSC.391(95) - (IGF Code)- as amended, 11
IMO Res. A.951(23), IMO MSC/Circ.1239 incl. Corr.1 and IMO MSC/Circ.1275
EN 3-7:2004 incl. /A.1:2007, 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: 09 Jul 2030

For Bureau Veritas Marine & Offshore Notified Body 2690,
At BV LYON, on 09 Jul 2025,
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:

CO_2 EXTINGUISHERS, type "5 kg"/"K5"/"U5C"

Capacity	5 kg
Total Weight	15 kg (steel) - 12 kg (aluminium)
Temperature Range of Use	-30°C to +60°C
Discharge Range	4 m
Discharge Time	11 seconds
Test Pressure (cylinder)	250 bar
Design Pressure (at 60°C)	169.3bar
Diameter	140 mm
Hose Length	800 mm
Fire Class	89B

Other materials and/or components:

Cylinder	Steel or aluminium
Operating Valve	Brass
Siphon Tube	Steel or PVC
Hose	Reinforced rubber
Nozzle	Polypropylene
Mounting Bracket	Steel

2. DOCUMENTS AND DRAWINGS:

2.1 - Manufacturer's drawings:

CO_2 portable extinguisher 5 kg	UDA00071 F dated 16/10/2018	UDA01006 A00 dated 16/07/2021
Aluminium bottles for CO2 extinguisher 5 kg	UDD100 E00 dated 21/11/2018	
Steel bottles for CO2 extinguisher 5 kg	UDD098 E00 dated 19/10/2018	
Complete valve with siphon tube	UDA0072 D00 dated 13/06/2018	
Coupling system with discharge horn	UDA00193 B00dated 15/07/2010	UDA01008 A00dated 19/05/2021
Operating valves - CPF or YUNFENG (60-2-090) - CEODEUX (B 0111 0500) - LEVIAN (0313322)	UDD032 C00 dated 24/10/2011	
Transport bracket	UDM029 A00 dated 21/04/2004	

2.2 - Manual(s) for maintenance: Maintenance and refilling instructions n°6050174 Ed.9 dated 11/2015.

2.3 - Information form: n° 6050778 Ed. 09 dated 09/2019.

2.4 - Safety data sheet: EIGA018A dated 24/02/2010.

3. TEST REPORTS:

3.1 - Following test reports as per EN 3-7:2004 incl. /A.1:2007 from APRAGAZ, Belgium:
- Test report N° EN 12041, dated 20/09/2019.
- Alternative discharge hose: test report N° EN 12041-1, dated 08/10/2021

3.2 - Following test reports as per EN 3-9:2006 incl. /AC:2007 from APRAGAZ, Belgium:

- Test report N° EN 11997, dated 29/11/2018.
- Test report N°EN 12325, dated 31/01/2022.

4. APPLICATION / LIMITATION:

4.1 - Manufacturer's instruction for maintenance and recharging should be kept on board.

4.2 - The equipment is to be installed according to the manufacturer's instructions.

4.3 - Due to the type of extinguisher(s) covered by this certificate, the standard EN 3-8:2021 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 E Product Quality Assurance or 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 - For information concerning the production phase modules, **DESAUTEL** has declared the following manufacturing site(s):

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 and the provisions of the Directive:
1 - Model designation: CO2 "5 kg"/"K5"/"U5C"
2 - Manufacturer's name and address: DESAUTEL - 5 Bd De Lattre de Tassigny - 69330 MEYZIEU - France
3 - Type of fire for which the extinguisher is suitable, i.e.: 89B
4 - Type and quantity of extinguishing medium, i.e.: CO_2; 5 kg
5 - 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)*
6 - Year of manufacture
7 - Temperature range over which the extinguisher will operate satisfactorily, i.e.: -30°C to +60°C
8 - Test pressure, i.e.: 250 bar
9 - 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 the EC Examination Certificate N° 09075/E1 MED issued on 17/02/2022 by the Society.

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