



**EC TYPE EXAMINATION (MODULE B)
CERTIFICATE No. MED168025XP**

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2025/1533.

MED Item N°

MED/3.58

Description

**Fixed low expansion foam fire extinguishing systems
components for machinery spaces and tanker deck protection**

Type

Fomtec AFFF 6% Ultra LT

Applicant

DAFO FOMTEC AB

VINDKRAFTVAGEN 8

SE-135 70 Stockholm

SWEDEN

Testing standards

IMO MSC.1/Circ.1312; IMO MSC.1/Circ.1312/Corr.1

Reference standards

SOLAS 74 Reg.II-2/10, IMO Res.MSC.98(73)-(FSS Code) 6, IMO

Res.MSC.98(73)-(FSS Code) 14, IMO MSC/Circ.1239, IMO

MSC.1/Circ.1276.; IMO Res.MSC.4(48)-(IBC Code) 11, IMO MSC/Circ.553.

*Issued in Gdańsk on
November 21, 2025*

*This Certificate is valid until
November 20, 2030*

This Certificate consists of this sheet plus an attachment



Baraniska

Anna Maria Baranska

RINA Services S.p.A.





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Manufacturer

DAFO FOMTEC AB

Place of Manufacturer

VINDKRAFTVAGEN 8
SE-135 70 Stockholm
SWEDEN

Technical Characteristics

FOAM CONCENTRATE Fomtec AFFF 6% Ultra LT		
Mixing Ratio	6	%
Specific Gravity at 20°C	1,05 ± 0,02	g/ml
Viscosity at 20°C	≤ 20	mPa·s
PH at 20°C	7,8 ± 0,5	-
Expansion Ratio at 20°C	≥ 5,0	-
Drainage Time 20°C	≥ 2:00	minutes
Minimum temperature for use	-25	°C
Maximum temperature for use	+55	°C

Field of Application

This approval does not address the foam generating equipment, only the foam concentrate.

Fixed foam fire extinguishing systems using low expansion foam concentrate for extinguishing fires of following products at ambient temperature and pressure:

- Chemical Products as per list of Chapter 17, International Bulk Chemical Code (Column L - Letters A, B and D);
- Chemicals to which the IBC Code nor the BCH Code apply as per list set out in IMO Circular MSC/Circ. 553.

Technical Documentation

Technical Specification –Fomtec AFFF 6% Ultra LT filed by RINA with n° PLFP/767

TDS - Fomtec AFFF 6% Ultra LT filed by RINA with n° PLFP/766

Tests Carried Out

According to IMO MSC.1/Circ.1312 & MSC.1/Circ.1312/Corr.1- "Revised guidelines for the performance and testing criteria, and surveys of foam concentrates for fixed fire-extinguishing systems", Test report filed by RINA with n° PLFP-764

Note

The foam concentrate should be delivered with a declaration (i.e. Batch Certificate) of the main characteristics (sedimentation, pH value, expansion ratio, drainage time and volumetric mass). The declaration will be the basis for the annual condition test.

The storage container should be compatible with the foam concentrate throughout the service life of the foam

This certificate annuls and replaces the certificate No. MED101120XP dated 10/05/2020.

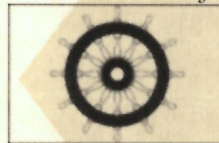
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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*
YYYY *The year in which the mark is affixed*

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



Anna Maria Baranska

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