



RINA

**EC TYPE EXAMINATION (MODULE B)**

**CERTIFICATE Nr. MED311711CS/002**

*This is to certify, that RINA, specified as Notified Body N° 0474 by the Italian "Ministero delle Infrastrutture e dei Trasporti Direzione Generale per la navigazione ed il Trasporto Marittimo ed Interno" on 25 November 1998, 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) 96/98/EC as modified by Directive 2009/26/EC*

MED Item N°

**A.1/3.2**

Description

**Portable fire extinguishers**

Type

**ITALFIRE C5M**

Applicant

**ITALFIRE S.R.L.**

ZONA INDUSTRIALE - CONTRADA ACUTI  
74024 MANDURIA (TA)

ITALY

Testing standards

**EN 3-6 (1995)+A1(1999), EN 3-7 (2004) +A1(2007), EN 3-8 (2006)+AC(2007), EN 3-9(2006)+A1(2007)**

Reference standards


**Reg II-2/4, Reg II-2/10, Reg II-2/19, Reg II-2/20 SOLAS 74 as amended, IMO Res.A.951(23), IMO Res.MSC 36(63), IMO Res.MSC.97(73), IMO Res.MSC 98(73)-(FSS Code), IMO MSC/Circ.1275**

Issued at Genoa on  
November 26, 2011

This Certificate is valid until  
November 25, 2016

*This Certificate consists of this sheet plus an attachment*



  
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**Francesco Fanciulli**  
RINA



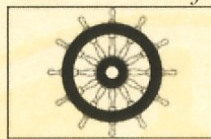


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*The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex B of the Directive is fully complied with a written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



**XXXX/YY**

**"WHEELMARK FORMAT"**

XXXX Notified Body number undertaking surveillance module

YY Last two digits of year mark 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 no 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.



*Franciulli*  
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**Francesco Fanciulli**





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*Manufacturer*

**ITALFIRE S.R.L.**

*Place of Manufacturer*

ZONA INDUSTRIALE - CONTRADA ACUTI  
74024 MANDURIA (TA)  
ITALY

*Product description*

Technical characteristics	
Cylinder material	Steel 35CrMo4 UNI 7845
Outside cylinder diameter	140 mm approx.
Minimum wall thickness	3.4 mm
Cylinder capacity	7.50 dm <sup>3</sup>
Weight empty	10.00 kg approx.
Weight full	15.00 kg approx.
Working pressure at 20°C	5.5 N/mm <sup>2</sup> approx.
Use limit temperatures	-20°C/ +60°C
Extinguishing agent	5 kg Carbon Dioxide
Fire rating	113B - C

*Reference documents*

- ITALFIRE S.r.l. drawings and documents filed by RINA with n° FPE-9253 to FPE-9257 on 04/05/2006.
- ITALFIRE S.r.l. drawings approved by RINA with n° FPE-9259 and FPE-9260 on 04/05/2006.
- Fire Extinguisher label approved by RINA with n° CSST 7883.

*Tests carried out*

- TE.S.I. Test Reports n° 005/RINA filed by RINA with n° FPE-9258 on 04/05/2006.

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