

EC TYPE-EXAMINATION (MODULE B) CERTIFICATE

0407-MED-243 (IG-253-2017)

This is to certify that:

Istituto Giordano S.p.A. did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the schedule attached hereto.

Applicant	TR.EM. S.r.l. Via Friuli, 5 - Località Osteria Grande - 40024 CASTEL SAN PIETRO TERME (BO) - Italy
Authorised representative	//
Directive reference	2014/90/EU - Reg. (EU) 2022/1157
Regulation item	MED/1.2b - Position-indicating lights for life-saving appliances: for lifebuoys
Product type (Trade Name)	ISHTAR
Product description (short description, for the complete description see the annex)	Lifebuoys self-igniting lights
Specified standard	- IMO Res. MSC.81(70), as amended; - EN 60945:2002 incl. IEC 60945 Corr. 1:2008; - ISO 24408: 2005
Regulation SOLAS 74 as amended	- SOLAS 74 Reg. III/4; - SOLAS 74 Reg. X/3
USCG Approval Category No.	//

The attached (schedule of approval) forms part of this certificate

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 Istituto Giordano S.p.A.

Bellaria-Igea Marina - Italy, 16 January 2023

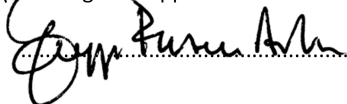
Revision No. 1

Date of first issue: 27 December 2017

Valid until: 26 December 2027

MED Department Technical Manager
(Dott. Ing. Giuseppe Persano Adorno)

Chief Executive Officer



This certificate is made up of 2 pages and 1 annex and remains valid until expiry unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reapproved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

This certificate and the documents should be stored for ten years after the last product has been manufactured.

The validity of this certificate is subject to compliance with Istituto Giordano "REG-MED" rules, the Istituto Giordano general conditions of contract for certification and the relevant requirements of Marine Equipment Directive.

The original of this document consists of an electronic document digitally signed pursuant to the applicable Italian Legislation.

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SCHEDULE OF APPROVAL

On this document the following are listed:

Product description (complete description)	Lifebuoys self-igniting lights (upsetting), body cover made of high-density polyethylene (HD PE) - orange - lens made of polycarbonate opaque, No. 2 batteries alkaline D-cell (not-included), flashing LED
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Application/Limitations	The lifebuoy self-igniting lights is not intended for quick release
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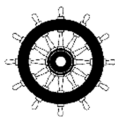
Places of production (if different from applicant or where there are several)	//
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Technical file No.	92801-1i rev. 0 dated 15 December 2022
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Approval documentation			
Rev. (*)	Test standard	Test report	Dated
1	LSA Code Res. IMO/MSC 81 (70) IEC 60945:2002 ISO 24408: 2005	Istituto Giordano S.p.A. No. 401512	16 January 2023

Notes	IEC 60945:2002 only when required by IMO/MSC 81 (70) ISO 24408: 2005 test standard to be followed during FPC
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Certificate revision legend		
Rev. (*)	Date	Scope
0	27 December 2017	First issue
1	16 January 2023	Renewal



The mark of conformity ("wheelmark") 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 and controlled by a written inspection agreement with a Notified Body.