

Certificate Of Type Approval Issued On Behalf Of Transport of Canada

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by Transport Canada to issue the relevant certificates, licences, permits etc.

Manufacturer	E.G. VALLIANATOS S.A. (EVAL)
Address	Thesi Tzaverdella, Ano Liosia, PC 13341, Athens, Greece
Type	Lifebuoys
Description	Quick release lifebuoy suitable for use with light and smoke signal, ≥ 4 kg; Type "558"
Trade Name	"558"
Specified Standard	Canadian Life Saving Appliance Standard - TP 14475E, Chapter II, 2.1 LSA code, Regulation II/2.1 IMO Resolution MSC.81(70), as amended

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form part of this Certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lijo Thomas

Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR22130414TC

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

This Certificate is a Renewal of Certificate Number LRTC 0000126

APPROVAL DOCUMENTATION

Drawing No.	Drawing Title	Rev No	Issue Date
Design No. V-109	Code No: 558	C	30.04.2014

Technical Specifications LIFEBOUY CODE 558, undated

TEST REPORTS

Report Title	Report No.	Date
Evaluation and test report, Test for operation with a light and smoke signal For Lifebuoy type "558" – E.G. VALLIANATOS S.P.A	TCL/WjS/01/2011 -642203	28.05.2011
Evaluation and test report (MSC/Circ. 980 Part 2.1.1 Lifebuoys) "543"	TCL/WjS/01/07	05.02.2007
Evaluation and test report (MSC/Circ.980 Part 2.1.1 Lifebuoys) "557"	TCL/WjS/02/07	05.02.2007

CONDITIONS OF CERTIFICATION

- Lifebuoy weight : 4 kg minimum
Dimensions: ID Φ 440 $\pm$ 10mm
OD Φ 740 $\pm$ 10mm
Colour: Orange
Maximum installation height is 50 m
- All required instructions and markings shall be in English and French.
- The marking of lifebuoys must include:
 - The manufacturers name or logo;
 - The lot or batch number;
 - The mass of the lifebuoy in kilograms;
 - The words "Approved by Transport Canada/Approuvé par Transport Canada";
 - Transport Canada approval number
- This lifebuoy is to be stowed as to be capable of being rapidly cast loose and is not to be secured in any way. The weight of this lifebuoy is considered suitable to operate the quick-release arrangement provided for a self-activated smoke signal and self-igniting light, however the lifebuoy is to be tested in accordance with IMO Resolution MSC.81(70), I/1.8 with the light and smoke signal intended to be used.

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5. Lifebuoys with lights and smoke signals shall not be provided with lifelines.
6. Foam injection hole to be permanently sealed by means of an adhesive plug.
7. Each lifebuoy shall be marked in block capitals of the Roman alphabet with the name and port of registry of the ship on which it is carried.
8. For compliance with SOLAS Regulations III/35 and III/36 fully detailed Operations and Maintenance Manuals shall be supplied with each lifebuoy.
9. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
10. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure compliance with SOLAS Regulation III/5.
11. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81 (70), Part 2 and each item, batch, or lot be delivered with an LR Certificate of SOLAS Production Testing issued by the attending LR Surveyors following their witness of the tests. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration.
12. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained.
13. All instructions or markings that accompany life-saving appliances or are printed directly on the appliances must be in both English and French, as per Canadian procedures for approval of life-saving appliances and fire safety systems, equipment and products document no. TP 14612E (05/2011) paragraph 2.2.1.3. However independent signage can be accepted in lieu of the instructions or marking required in paragraph 2.2.1.3 if it is in both English and French, highly visible (size, colour, posting location), water and weather proof and posted at each muster station and where the appliance is stored.

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR22130414TC**PLACE OF PRODUCTION**

E.G. VALLIANATOS S.A. (EVAL)
Thesi Tzaverdella,
Ano Liosia,
PC 13341
Athens,
Greece



Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).