

## CERTIFICATE OF TYPE APPROVAL


This is to certify that

LLOYD'S REGISTER, specified as a "person" under the terms of The Merchant Shipping (Delegation of Equipment Approval) Regulations 1996, did undertake the relevant type approval procedures of the equipment identified below which was found to be in compliance with the essential Life Saving Appliance requirements subject to any conditions in the Design Appraisal Document hereto.

<b>Producer</b>	BCB International Ltd
<b>Address</b>	Unit 7-8 Clydesmuir Road Industrial Estate Tremorfa Cardiff, CF24 2QS United Kingdom (UK)
<b>Product Type</b>	<b>SURVIVAL CRAFT EQUIPMENT</b>
<b>Product Description</b>	Waterproof electric torch Torch for use in Survival Crafts and Rescue Boat Type : " FFLAM TORCH "
<b>Specified Standards</b>	MCA MERCHANT SHIPPING NOTICE MSN 1676 (M)

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid up to the expiry dated unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive whichever is the earlier, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue	21 February 2013	Expiry date	20 February 2018
Certificate No.	MCA 1350003	Signed	 Lloyd's Register EMEA Surveyor to Lloyd's Register EMEA
Sheet No	1 of 3	Name	A. Prestigiacomo Surveyor to Lloyd's Register EMEA A Member of the Lloyd's Register Group

**Note:**

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 the nominated body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



Maritime and Coastguard Agency

An Executive Agency of the Department for Transport

This certificate is issued under the authority given in Merchant Shipping Notice No MSN 1735 (M+F) as amended to date.

## DESIGN APPRAISAL DOCUMENT

Date 21 February 2013	Quote this reference on all future communications LDSO/F&S/TA/AP/NR
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### ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. MCA 1350003

The undernoted documents have been appraised for compliance with the relevant International Conventions and UK legislation for the Type Approval of Marine Equipment for use on Merchant Ships Registered in the United Kingdom.

This Design Appraisal Document forms part of the Certificate that is issued under the authority given in the MCA Merchant Shipping Notice No MSN 1735.

#### TEST REPORT

- 42 Partners Limited, Evaluation and Report No 42/10561/1056-1a, dated 2013.02.15 as witnessed by Lloyd's Register Surveyor.
- SGS Evaluation and Test Report No CST171799, dated 4<sup>th</sup> & 5<sup>th</sup> February 2013, as witnessed by Lloyd's Register Surveyor.
- RFD – Drop Test Report No 14/2, dated 11<sup>th</sup> April 2002.

#### CONDITIONS OF CERTIFICATION

1. The waterproof electric torch type "FFLAM TORCH" has been appraised also against the standards mentioned under ISO 18813:2006.
2. Maximum stowage height: 36 m.
3. The torch is to be supplied with one spare set of batteries and one spare bulb in waterproof container.
4. The storage of this equipment is not part of this Design Appraisal or Certificate. All such arrangement is to be to the satisfaction of the attending Surveyor on board.
5. 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.
6. 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.
7. 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.
8. 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.

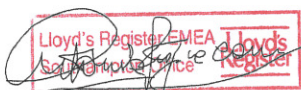
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#### ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. MCA 1350003

##### PLACE OF PRODUCTION

BCB Marine Ltd  
Unit 7-8 Clydesmuir Road Industrial Estate  
Tremorfa  
Cardiff, CF24 2QS  
United Kingdom (UK)

  
Lloyd's Register EMEA  
London Design Support Office

Capt. A. Prestigiacomo  
Senior Specialist  
Fire & Safety  
London Design Support Services  
Lloyd's Register EMEA