

EC Certificate Type Examination (Module B)



This is to certify that:

Germanischer Lloyd, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

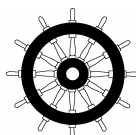
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|---------------------|--|----------------------------------|
| Certificate No. | 86 301 - 09 HH | |
| Applicant | Ningbo Zhenhua Life-saving Equipment Co., Ltd. 111, Yingang Road, Xizhou, Xiangshan 315722 Ningbo, P.R. CHINA | |
| Manufacturer | Ningbo Zhenhua Life-saving Equipment Co., Ltd. 111, Yingang Road, Xizhou, Xiangshan 315722 Ningbo, P.R. CHINA | |
| Product Description | Buoyant Smoke Signals (pyrotechnics) SOLAS | |
| Product Name | CCY3-2 | |
| Trade Name | CCY3-2 | |
| Specified Standards | - IMO Resolution MSC.81(70), MSC.226(82), MSC.323(89) - SOLAS 74/78 as amended Reg. III/ 4 and 34, X/3 - MSC.48(66) LSA-Code I, III | |
| Related Directive | 2012/32/EU | |
| Equipment Section | Life-saving appliances | |
| Annex A.1 Item No. | A.1/1.10 | |
| USCG-Modul-B No. | 160.122 / EC 0098 | Unique Identifier 8630109 |
| Date of Re-issue | 2014-09-29 | |
| Expiry Date | 2019-09-28 | |

Germanischer Lloyd

Notified Body No.: 0098

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Nils Wegener

Certificate No: 86 301 - 09 HH **Date of Re-issue:** 2014-09-29

Schedule of Approval

Approval Documentation

Test report : GL Shanghai, 2004-10-08,
Wuhan Marine Lifesaving Equipment Quality Inspection Center, report no. 2009066, dated 2009-09-19
Drawing: CCY3-2.0

Technical Data

Production tests shall be carried out in accordance with MSC.81(70) Part 2, 4.

Remarks

none

Limitations on the acceptance or use of the product

none

Comment to USCG Approval

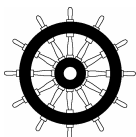
Expiration date not to exceed 48 months after month of manufacture.

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform Germanischer Lloyd, as the Notified Body, of any modifications or changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

This product has been assigned a U.S. Coast Guard Module B number 160.122 / EC 0098 to note type approval to Module B only as it pertains to obtaining US Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th 2004.



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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.