



European Notified Body
Identification number 0736

EC-Type Examination (Module B) Certificate

Certificate-No.

422.015

Name and address of the manufacturer: Pyro Pol GmbH, Lippenhorstweg 29, 21514 Hornbek, Germany

Date of issue: 23.01.2015

Annex A.1 Item No & Item designation: A.1/1.3 - Lifebuoys self-activating smoke signals

Product designation: Combined self-igniting light and self-activating smoke signal for lifebuoys

Product Type: PYROTECH ManOverBoard 2010

Intended purpose: Light and Smoke Signal for lifebuoys with an installation height of not more than 60 m.

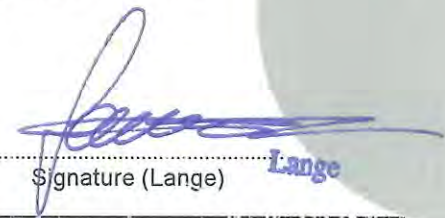
Testing based on (Specific standard): Resolution MSC.81(70) as amended, see remarks.

Remarks: Compliance with SOLAS 74/88, Chap.III/7,34, MSC.36(63), MSC.48(66), MSC.97(73). This type approval is based on the test report of the BAM (Approval sign BAM-P 0815/12 dated 29.08.2012) and BSH/4612/1021933/11 and the approval tests, carried out on 26.05.11, 28.09.11 and 17.11.2011 by surveyors of BG Verkehr and BAM.

The type tested was found to be in compliance with the Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as amended by Directive 2013/52/EU subject to any conditions in the schedule (part of this certificate).

This certificate may only be used in connection with module(s) **D** of this directive.

Expiry date: 22.01.2020

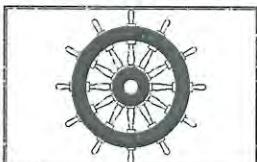

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The approval of the installed equipment will be in force beyond the validity date until it is revoked!

Note 1: 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 the notified body named on this certificate.

Note 2: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 3: 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 and controlled by a written inspection agreement with a notified body.



xxxx/yy

Note 4: "Wheelmark" Format

YY Last two digits of year mark affixed

XXXX Notified Body number undertaking surveillance module

Technical data/approved drawings and additional conditions and remarks:

1) Marking :

The instruction has to be approved by the BAM to the prototype accordingly.

Date of manufacture (month/year) and **date of expiry (max. 3 years)** have be marked when delivering from place of production.

A permanent and seawater proof marking with name of manufacturer, type, approval numbers, the mark of conformity (see paragraph 2) and the instruction is requested to be fixed on the product.

2) Quality insurance and production control :

This type approval will be only valid in connection with a certified quality system according to Module D of the Directive 96/98/EC as amended.

The quality control is to be done according to the requirements of the „Bundesanstalt für Materialprüfung“ (BAM) on the basis of IMO Resolution MSC.81(70), Part 2, section 4.

3) The installation on board may be done only with the required mounting/holder.

A mounting instruction has to be delivered with each product.

4) Place of production: Pyropol GmbH, Lippenhorstweg 29, 21514 Hornbek, Germany

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