



Marine &amp; Offshore

Certificate number: 08158/F0 MED

File number: PPE 48074/02

Item number: MED/1.1

This certificate is not valid when presented without the full attached schedule  
composed of 7 sections  
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

## EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2019/1397 of 06 Aug. 2019

This certificate is issued to:

**MAJONI PLASTICS BV**  
KESTEREN - NETHERLANDS

for the type of product

**LIFEBUOYS**

Besto Buoy-4.5 Kgs

### Requirements:

SOLAS 74 Convention as amended, Regulations III/4, X/3, III/7 and III/34

IMO Res. MSC.48(66) -(LSA Code)- amended by MSC.207(81), MSC.218(82), MSC.272(85), MSC.293(87), MSC.320(89), MSC.368(93), MSC.425(98) and MSC.459(101) I, II

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 8

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 8

IMO Res. MSC.81(70) amended by MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89), MSC.378(93), MSC.427(98) and MSC.472(101)

IMO MSC/Circ. 980

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

This certificate is a renewal of certificate N° 08158/E1 EC expiring on 31/05/2020


**This certificate will expire on: 31 May 2025**

**For Bureau Veritas Marine & Offshore Notified Body 2690,**

At BV GRONINGEN, on 16 Mar 2020,

John Mondt



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. 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. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION :**

Besto-buoy 4.5 kgs is a toric shape inherent buoyant lifebuoy :

Inner Ø	Outer Ø	Weight	Maximum permitted stowage height
450 mm	750 mm	4.5 Kg	30 m

The Lifebuoy may be fitted with a light and smoke signal for operating the quick-release arrangement (SOLAS 74, Reg. III/31.7).

### **2. DOCUMENTS AND DRAWINGS :**

- Drawings , Material and components shall conform to the following document :

Number	Title	Issue	Date
Besto Buoy 1	Besto Buoy	-	22/04/2009
Besto Buoy 2	Besto Buoy 2	-	13/05/2016
algemeen/Besto Buoys procedure/ specifications NCJ Kneepkens	Besto Buoys-Specifications	-	22/04/2009

- Manual(s) for installation use and maintenance.

*No departure from these documents is permitted without the prior consent of the Society.*

### **3. TEST REPORTS :**

- As per test report listed in the following document :

Date	Test report	
20/05/1987	207/87	Type tested at TNO Plastics and Rubber Research Institute, Delft, the Netherlands
04/07/2005	DAR/FTL/1003a	Test report issued by Fleetwood Test House, Lancaster, England
21/04/2016	RS/FTL/2857	Additional Test report issued by Fleetwood Test House, Lancaster, England

### **4. APPLICATION / LIMITATION :**

- As per requirements stated on front page of this certificate.
- Is not to be stowed at a height above the waterline exceeding 30 meters.
- The lifebuoy may be fitted with a light and smoke signal, for operating the quick release arrangement.
- Each lifebuoy will be supplied with its instructions for use, inspections and on-board maintenance complying with Requirements stated on the front page of this certificate.
- The installation test will have to be performed according to MSC.81(70) Part 2 § 3.1 upon installation onboard to the satisfaction of ship's flag state Administration.

### **5. PRODUCTION SURVEY REQUIREMENTS :**

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

The manufacturer shall institute a quality control procedure to ensure that the lifebuoy are produced to the same standard as the approved prototype.

Each lifebuoy intended to be fitted onboard a ship registered to a National register adhering to the Directive shall be delivered with a Declaration of Conformity.

Each equipment, or batch of equipment, is to be supplied with its manual(s) for installation, use and maintenance.

5.2 - For information concerning the production phase modules, **MAJONI PLASTICS BV** has declared the following manufacturing site(s):

#### **MAJONI PLASTICS BV**

PANHUIZERWEG 2  
4041 CN KESTEREN  
NETHERLANDS

**6. MARKING OF PRODUCT :**

The lifebuoy shall be marked in block capitals of the Roman alphabet with :

- the name and the port of registry of the ship on which it is carried
- Manufacturer's name or logo
- Type designation
- "Height fall 30 m"
- Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

**7. OTHERS :**

It is **MAJONI PLASTICS BV** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

This certificate supersedes EC Type Examination certificate N° 08158/E1 EC, issued on 09/08/2016 by the Society.

\*\*\* END OF CERTIFICATE \*\*\*