

# EC Type-Examination Certificate for Personal Protective Equipment

## No. DK-0200-PPE-1674

Issued by FORCE-Dantest CERT, Denmark  
EC-notified body number 0200

In accordance with the Directorate of National Labour Inspection's Regulation No. 1273 of December 18<sup>th</sup> 1996, which in Denmark implements the Council Directives No. 89/686, No. 93/68, No. 93/95 and No. 96/58, EC Type-Examination Certificate is issued to:

**SeaBa AS  
Postbox 47  
1344 Haslum  
Norway**

For personal protective equipment: **Lifejacket**

Designation: **SeaBabambino 313**

Size: **3-13 kg**

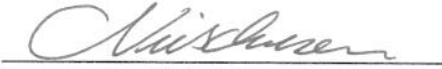
Version: **1**

Manufactured by: **SeaBa AS with sub-suppliers as stated in the appendix to the type examination certificate**

The examined samples are found to fulfil the requirements stated in the relevant requirements stated in Appendix II of Regulation No. 1273.

The examined type of buoyancy aid and the basis for the type examination are described in the appendix to this certificate. The manufacturer must inform FORCE-Dantest CERT of any contemplated changes.

Date of issue: 2008-01-30



Niels Ovesen  
Certification manager

# Appendix to EC Type-Examination Certificate for Personal Protective Equipment



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Size **3-13 kg**

Version: **1**

### Design:



SeaBabambino 313 (Side view)



SeaBabambino 313 (Top view)

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Appendix to DK-0200-PPE-1674 version 1



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The device was found to fulfil the following requirements stated in Directorate of National Labour Inspection's Regulation No. 1273 of December 18<sup>th</sup> 1996 which in Denmark implements the Council Directives No. 89/686, No. 93/68, No. 93/95 and No. 96/58

Items in Annex II Basic health and safety requirements	Status
1. General requirements	
1.1 Design principles	
1.1.1 Ergonomics	Ok
1.1.2 Levels and classes of protection	
1.1.2.1 Highest level of protection possible	Ok
1.1.2.2) Classes of protection appropriate to different levels of risk	NA
1.2 Innocuousness	
1.2.1 Absence of risks and other "inherent" nuisance factors	
1.2.1.1 Suitable constitute materials	Ok
1.2.1.2 Satisfactory surface condition of all PPE parts in contact with the user	Ok
1.2.1.3 Maximum permissible user impediment	Ok
1.3 Comfort and efficiency	
1.3.1 Adaption of PPE to user morphology	Ok
1.3.2 Lightness and design strength	Ok
1.3.3 Compatibility of different classes or types of PPE designed for simultaneous use	NA
1.4 Information supplied by the manufacturer	Ok
2. Additional requirement common to several classes or types of PPE	
2.1 PPE incorporating adjustment systems	Ok
2.2 PPE "enclosing" the parts of the body protected	NA
2.3 PPE for the face, eyes and respiratory tracts	NA
2.4 PPE subject to ageing	Ok
2.5 PPE which may be caught up during use	NA
2.6 PPE for use in explosive atmospheres	NA
2.7 PPE intended for emergency use or rapid installation and/or removal	NA
2.8 PPE for use in very dangerous situations	Ok
2.9 PPE incorporating components which can be adjusted or removed by the user	Ok
2.10 PPE for connection to another, external complementary device	NA
2.11 PPE incorporating a fluid circulation system	NA
2.12 PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety	Ok
2.13 PPE in the forma of clothing capable of signalling the user's presence visually	Ok
2.14 "Multi-risk" PPE	NA
3. Additional requirements specific to particular risks	
3.1 Protection against mechanical impact	NA
3.2 Protection against heights	NA
3.3 Protection against physical injury (abrasion, perforation, cuts, bites)	NA
3.4 Prevention of drowning	Ok
3.5 Protection against the harmful effects of noise	NA
3.6 Protection against heat and/or fire	NA
3.7 Protection against cold	NA
3.8 Protection against electric shock	NA
3.9 Radiation protection	NA
3.10 Protection against dangerous substances and infective agents	NA
3.11 Safety devices for diving equipment	NA

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Appendix to DK-0200-PPE-1674 version 1



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**History of changes:**

Change:	Document:	Date:
- Original certificate	DK-0200-PPE-1674 version 1	2008-01-23

**Manufacturer/Sub-supplier**

Buoyant material: DOW Deutschland GmbH. & CO. OHG, Germany  
 Fabric: Mosjoam veveri as, Norway  
 Buckle: ACE Suppliers UK Ltd., UK  
 Webbing: Inka Oy, Finland  
 Retro-reflective material:

**Materials/Designations**

Buoyant material: 25 kg/m<sup>3</sup> buoyancy material – type Ethafoam Nova  
 Fabric: Quality 740 892 Shade 792  
 Buckle: FK740BKA Quick Centre Release Buckle 40 mm  
 Webbing: 100% Polypropylen – Art. No. 6724 050 003  
 Retro-reflective material:

**Documentation for observance of equivalent – but not identical - requirements stated in the harmonized standards EN 12402-4:2006 and EN 12402-9:2006, incl. EN 471.**

Test House	File No.	Testing/Inspection of:
Thelma AS	20805	Testing of device acc. to EN ISO 12402-4
BTTG Ltd.	11545/00280/IS	Test of fabric
Lloyds Register	SAS S030018	Type Approval of foam

Partial conclusion: The requirements of the relevant test clauses stated in EN ISO 12402-4 and EN ISO 12402-9 and were fulfilled.

**Documentation for observance of relevant requirements stated in Appendix II of Regulation No. 1273**

User Manual Received 21-12-2007  
 Description of quality management system: To be issued before production start  
 Declaration of innocuousness: Dated 24-01-2008

**Conclusion**

Based on the above mentioned attestation it can be concluded that the personal protective equipment meets the conditions of EC type-examination in accordance with the Directorate of National Labour Inspection's Regulation No. 1273 of December 18<sup>th</sup> 1996.

Date: 2008-01-30

FORCE Technology

80.936-834/07

Niels Jørgen Sibbersen  
 Examiner