

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:**That the Lifejackets**

with type designation(s)

Sea Life (Adult, Child and Infant)

Issued to

Hansen Protection AS
MOSS, Norway

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2015/559,**

Annex A.1, item No. A.1/1.4 and Annex B, Module B in the Directive. SOLAS 1974 as amended, Reg. III/4, III/7, III/22, III/34 & X3, LSA Code, 2000 HSC Code 8 and IMO MSC/Circ.922.

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2022-02-16**.

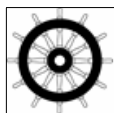
Issued at **Høvik** on **2017-02-17**

DNV GL local station:

Sandefjord

Approval Engineer:

Tessa Biever



Notified Body
No.: **0575**

for **DNV GL AS**

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Vidar Dolonen
Head of Notified Body

Job Id:
Certificate No: **MEDB00001NY**

Product description

Inherently buoyant lifejacket type Sea Life (Adult, Child & Infant).

Approximate inherent buoyancy of adult prototype:152 N

Approximate inherent buoyancy of child prototype:123 N

Approximate inherent buoyancy of infant prototype:78 N

Buoyancy Material:	Ethafoam Nova, T11404.150, Livbelteband thickness 50 mm and Fawolen	By DOW Europe GMBH, Concordia, Tekstil-Band AS and by Fagerdala Industri AB
Buoyancy Material:	Pepi, product code 392119000, thickness 50 mm	By Seamaster SIA, Latvia
Buoyancy Material:	Cellu Float W E, thickness 50 mm	By Sealed Air Svenska AB

Application/Limitation

- The adult lifejacket is approved for persons of more than 43 kg.
- The child lifejacket is approved for persons of 15 - 43 kg.
- The infant lifejacket is approved for persons of less than 15 kg.
- Retro-reflective materials shall be approved in accordance with the Marine Equipment Directive and be "wheelmarked".
- The design assessment is based on IMO Res. MSC 48(66) as amended by IMO Res. MSC 207(81), IMO Res. MSC 218(82) and IMO Res. MSC.368(93).
- Production testing shall be carried out according to IMO Res. MSC 81(70), part 2.

Type Examination documentation

Tests carried out

Tests carried out in accordance with Revised Recommendation on Testing of Life-Saving Appliances, IMO Res. MSC. 81(70), part 1, including IMO Res. MSC 200(80), IMO Res. MSC 226(82), IMO Res. MSC 323(89) and IMO Res. MSC 378(93).

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation and date of manufacture. In addition the child lifejacket shall be marked with the appropriate weight range and a child symbol in accordance with IMO Res. A.760(18) and the infant lifejacket according to MSC.1/Circ.1244. The markings shall comply with the LSA Code (IMO Res. MSC.48(66)), item 1.2.2.9 and 2.2.1.6.