DNV·GL

Certificate No:
MEDB00002D6

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 Immersion suits and anti-exposure suits designed to be worn in conjunction WITH a lifejacket: Immersion suit without inherent insulation

with type designation(s)
SeaWork

Issued to
Hansen Protection AS
MOSS, Norway

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
item No. MED/1.5a. SOLAS 74 as amended, Regulation III/4, III/7, III/22, III/32, III/34 & X/3, LSA Code and 2000 HSC Code 8, IMO MSC/Circ.1046.

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

This Certificate is valid until **2022-06-20**.

Issued at **Høvik** on **2017-06-21**

DNV GL local station:
Sandefjord

Approval Engineer:
Tessa Biever

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

NORWEGIAN ACCREDITATION PROD 019

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. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
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.

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Product description

SeaWork is a non-insulated immersion suit and an anti-exposure suit. The suit is made of watertight material with neoprene hood, cuffs and gloves. The colour of the suit is orange/black.

Main fabric	Uretek	by Uretek
Hood, cuffes, gloves, pen pockket	Neoprene	by NamLiong Ent.
Main zipper	TIZIP	by TITEX Vertiebs GmbH
Reflective patches	Reflexite	by Reflexite Corp.

Application/Limitation

- SeaWork may be regarded as a non-insulated immersion suit provided:
  - It is worn with warm clothing; and
  - It is worn with an approved lifejacket (wheelmarked).
- Retro-reflective materials shall be of approved type (wheelmarked).
- The design assessment is based on IMO Res. MSC 48(66) as amended by IMO Res. MSC 207(81).
- Production and installation testing shall be carried out according to IMO Res. MSC. 81(70), part 2.

Type Examination documentation

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC 81(70) part 1, including IMO Res. MSC 200(81), IMO Res. MSC 226(82) and IMO Res. MSC 323(89).

Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation, dimensions, date of manufacture and the Mark of Conformity (see page 1). The marking shall comply with the LSA Code (IMO Res. MSC 48(66)), item 1.2.2.9.