

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Immersion suits and anti-exposure suits designed to be worn in conjunction WITHOUT a lifejacket: Immersion suit with inherent insulation

with type designation(s)
LMT-B

Issued to

Haimen Jianghai Marine Life-Saving Equipment Co., Ltd.
Haimen 100, China

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

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

Annex A.1, item No. A.1/1.6b and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation III/4, III/7, III/22, III/32, III/34 & X/3, LSA Code and 2000 HSC Code 8

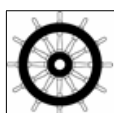
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-11-17**.

Issued at **Hamburg** on **2016-11-18**

DNV GL local station:
Nantong CMC

Approval Engineer:
Roland Priebe



Notified Body
No.: **0098**

for **DNV GL SE**

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Sven Dudzsus
Head of Notified Body

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 SE 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

Job Id:
Certificate No: **MEDB00001F4**

Product description

The immersion suit LMT-B is an insulated immersion suit designed to be worn without an additional lifejacket.

The suit is made of neoprene and has a cushion as neck support and additional buoyancy.

Application/Limitation

- Position indicating light and retro-reflective material used with the suit 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) and IMO Res. MSC.218(82).
- Production and installation testing shall be carried out according to IMO Res. MSC.81(70), part 2.

Type Examination documentation

The following documentation is basis for the DNV GL approval:

General Description of the Immersion Suit	
Instructions & Maintenance Manual	
Drawings LMT-B-00 to LMT-B-10	2004-11-28
Evaluation and Test Report No. 2016012 of Wuhan Testing Center of Marine Life-saving Appliances	2016-03-10

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 the manufacturer, type designation, dimensions and date of manufacture. The marking shall comply with the LSA Code (IMO Res. MSC.48(66)), item 1.2.2.9.