

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000AY3
Revision no.:
0

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 AS under the authority of the Government of Norway.

This is to certify:

that the **Immersion suits and anti-exposure suits designed to be worn WITHOUT a lifejacket: - immersion suit with inherent insulation**

with type designation(s)
KJF-II

issued to

Shanghai Zhouqin Maritime Equipment Co., Ltd.
Shanghai, China

is found to comply with the Implementing Regulation (EU) 2024/1975 for
Item no. **MED/1.6b** (Row 2 of 2)

according to the following requirements:

**SOLAS 74 Reg. III/7, SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/32, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-
(1994 HSC Code) 8, IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) II, IMO Res.
MSC.97(73)-(2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC/Circ.1046, IMO MSC.1/Circ.1628, SOLAS 74
Reg. III/4, SOLAS 74 Reg. X/3**

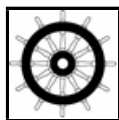
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-06-30**

Expiry date: **2030-06-29**

DNV local unit:
Shanghai

Approval Engineer:
Izabela Misztal



for **DNV AS**

Notified Body
no.: **0575**

Christine Mydlak-Röder
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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

"KJF-II"

is an insulated immersion suit fitted with a buoyancy pillow, a lifting loop, a life jacket light and a lifeline. The suit and gloves are made of waterproof neoprene. The suit has orange colour and is available in 3 sizes:

- M (length less than 175 cm),
- L (length 175 cm - 190 cm),
- XL (length 190 cm - 200 cm).

Main fabric produced by Changzhou Meilisheng Plastic Produce Co., Ltd.

Buoyancy foam produced by Changzhou Meilisheng Plastic Produce Co., Ltd.

Main zipper produced by Jiangyin Fuya Machinery Factory.

For further details please see Type Examination documentation below.

Application/Limitation

KJF-II is approved to be used without a lifejacket.

Position indicating light and retro-reflective materials of the suit shall be approved in accordance with the Marine Equipment Directive and bear the MED Mark of Conformity.

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

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), IMO Res. MSC.323(89) and IMO Res. MSC.481(102) Type I.

Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation, dimensions, date of manufacture and the MED Mark of Conformity (see page 1).

The marking shall comply with the LSA Code (IMO Res. MSC.48(66)), item 1.2.2.9.