

TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:
MEDB00009CF

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

This is to certify: that the Lifejackets

with type designation(s)
KJFLJ-IF

issued to

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

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

Regulation (EU) 2025/1533,

item No. MED/1.4. 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, IMO MSC.1/Circ.1304 and 1470 and MSC.1/Circ.1628

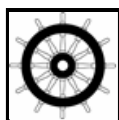
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2030-10-06**.

Issued at **Hamburg** on **2025-10-07**

DNV local unit:
Shanghai

Approval Engineer:
Timo Linn



Notified Body
No.: **0098**

for **DNV SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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

"KJFLJ-IF" is an inherently buoyant orange coloured lifejacket for infants, with the following inherent buoyancy:

Approximate inherent buoyancy of infant's lifejacket prototype: 68 N

Material	Type designation	Manufacturer
Buoyancy Material	EPE foam, 8.8 and 11 cm thick	Yancheng Jiefeng Packaging Technology Co., Ltd.
Fabric material	Coated Oxford fabric	Suzhou Mingwei Water Rescue Equipment Co., Ltd.

Application/Limitation

The infant's lifejacket is approved for infants with a weight of less than 15 kg and a height of less than 100 cm.

Retro-reflective material and position indicating light shall be approved in accordance with the Marine Equipment Directive (2014/90/EU) and bear the Mark of Conformity (wheel mark).

The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82), IMO Res. MSC.368(93) and IMO Res. MSC.481(102).

IMO MSC/Circ.922 regarding thermal protective lifejackets (TP lifejackets) is not applicable for this type of lifejackets.

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), IMO Res. MSC.378(93) and IMO Res. MSC.481(102) – Type II.

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation, date of manufacture and Mark of Conformity. In addition, the infant lifejacket to be marked according to IMO MSC.1/Circ.1244.

The markings shall comply with the LSA Code (IMO Res. MSC.48(66)), item 1.2.2.9 and 2.2.1.10.