

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00007EF

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 Lifejackets

with type designation(s)
HXY-A6 (adult size)

Issued to

Suzhou Haixing Maritime Equipment Co., Ltd.
Suzhou City, Jiangsu Province, China

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

Regulation (EU) 2022/1157,

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.

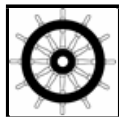
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-11-09**.

Issued at **Hamburg** on **2022-11-10**

DNV local unit:
Shanghai

Approval Engineer:
Michael Oberländer



Notified Body
No.: **0098**

for DNV SE

Christine Mydlak-Roeder
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 300,000 USD.



Product description

HXY-A6 is an inherently buoyant, adult lifejacket and is approved for persons with a weight of 43 kg and more and for a height of 155 cm or more. It is designed to fit persons weighing up to 140 kg and a chest girth of up to 1,750 mm, in accordance with IMO Res. MSC.207(81).

Application/Limitation

Retro-reflective materials and position indicating light 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), 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.

IMO MSC/Circ.922 is not applicable for this lifejacket type.

This certificate is a renewal of the previous MED-B certificate 45412-16 HH, issued by DNV GL.

Type Examination documentation

The following documentation is basis for the DNV approval:

Tests carried out

Tests carried out in accordance with Revised Recommendations 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, date of manufacture and batch or serial number or other elements allowing their identification and the MED Mark of Conformity (see first page). The marking shall comply with the LSA-Code (IMO Res. MSC.48(66)), item 1.2.2.9 and 2.2.1.2.