

# TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:  
**MERB0001N73**  
Revision no.:  
**0**

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

## This is to certify:

that the **Fire-fighter's outfit: protective clothing (close proximity clothing): - protective non reflective clothing for firefighting**

with type designation(s)  
**HYXF-C6, HYXF-C8**

issued to

**Jiangsu Huayan Marine Equipment Co., Ltd.**  
**Jiangsu, China**

is found to comply with the Regulation (UK) **MSN 1874 Amendment 10** for  
Item no. **UK/3.3a (Row 2 of 2)**

according to the following requirements:

**SOLAS 74 Reg. II-2/10, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7,  
SOLAS 74 Reg. X/3, IMO Res. MSC.98(73)-(FSS Code) 3**

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

Date of issue: **2025-12-08**

Expiry date: **2030-12-07**

DNV local unit:  
**Nanjing NB & CMC**



for **DNV UK Ltd.**

Approval Engineer:  
**Meike Grabau**

Approved Body No.: **0097**

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**Christine Mydlak-Röder**  
**MER Service Responsible**



**Maritime &  
Coastguard  
Agency**

UK Approved Body Authorised  
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved 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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

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

"HYXF-C6 and HYXF-C8"

are fire-fighting outfits consisting of a pair of trousers and a jacket.

The protective clothing can be used jointly with a suitable breathing apparatus.

The 4-layer protective clothing is made of an outer aramid layer, a moisture barrier, a thermal insulation, and an inner aramid/viscose layer. It appears in orange and is fitted with a reflective tape.

The fire-fighting outfits can be washed five times at a maximum temperature of 40 °C. The detergent should not contain fluorescent whitening agents. The fire-fighting outfits can be line dried in the shade, ironed at low temperature and cannot be dry cleaned.

The size of the protective clothing is offered in M, L or XL size which should fit a fireman of 1.75 m ~ 1.95 m in height.

HYXF-C6: The air bottle worn on the back of the fire man is protected by a back storage bag of the jacket. The hose to the face mask is passing through a protected chest opening in the jacket.

### Application/Limitation

Approved for use as protective clothing for firefighters.

Performance level achieved: 2

Helmet/hood with a visor, gloves and boots with mark of conformity are to be provided to complement the outfit.

Each product is to be supplied with its manual for use and maintenance.

### Type Examination documentation

### Tests carried out

Tested according to EN 469:2020.

### Marking of product

The product is to be indelibly marked in accordance with EN 469:2020 Clause 8 and with name and address of the manufacturer, type designation, batch or serial number or other elements allowing their identification and the year of manufacturing.