

UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

Certificate No. TI/22/020/04/MED/3313 ISSUE 2

Issued by Fleetwood Notified Body – UK Approved Body Number 0514

This is to certify that Fleetwood Notified Body, as an Approved Body under the authorisation of UK MCA, did undertake the relevant type-approval procedures for the type of equipment identified below, which was found to be in compliance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, subject to any conditions in the schedule attached hereto.

Applicant Name: **Typhoon International Ltd**
 Address: **Limerick Road, Redcar, Cleveland, TS10 5JU, UK**

Item (No & Item Designation) **UK/1.5a**
 Product Type: **Life Saving Appliances - Non-insulated immersion suit designed to be worn in conjunction with a lifejacket**

Product Name: **Water Operation Safety Suit (WOSS)**
 Product Model No: **120153A**
 Size(s): **S, SM, M, LM, L, XL, XXL, XXXL, MB and LB**

Additional Model Variants: **130624 WindGuard WOSS Non-insulated immersion suit**
120220 SOLAS Max-B Non-insulated immersion suit

Specified Standards: **IMO Resolution MSC.48(66) (LSA Code) adopted on 4th June 1996, IMO Resolution MSC.81(70) adopted on 11th December 1998 and Resolution MSC.481(102) adopted on 9 November 2020.**
 Amendments: Resolution MSC.200(80) adopted on 13 May 2005, Resolution MSC.207(81) adopted on 18 May 2006, Resolution MSC.218(82) adopted on 8 December 2006, Resolution MSC.226 (82) adopted on 8 December 2006, Resolution MSC.323(89) adopted on 20 May 2011.

The attached Annex (schedule of approval) forms part of this certificate.

This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.

Issued by: Fleetwood Notified Body (Approved Body Number 0514)

This certificate consists of 3 pages.

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Signed:

Date of issue: 21.05.2025

Name: ...Brooke Schofield.....

Date of expiry: 10.01.2028

Note 1. 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.

Note 2. 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.

Note 3. "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.

Note 4. In case limitations of use apply, these are indicated in the Annex.

ANNEX TO UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

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SCHEDULE OF APPROVAL

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Applicant Name and Address:

Name: Typhoon International Ltd
 Address: Limerick Road, Redcar, Cleveland, TS10 5JU, UK

Place of Production:

Name: As above
 Address: As above

Identification of Marine Equipment:

Product Name: Typhoon Water Operation Safety Suit (WOSS)
 Product Model No: 120153A
 Size(s): 10 sizes: S, SM, M, LM, L, XL, XXL, XXXL, MB and LB

Number and item designation: UK/1.5a
 Product type: Non-insulated immersion suit designed to be worn with an approved lifejacket

Product features: Front entry dry suit made of breathable fabric with integrated hand, foot and head covering. Reinforcement material on Seat and knees.
 Waterproof dry zipper closure running diagonally from hip to shoulder.
 Latex or neoprene neck and cuff seals.
 Fabric sock as standard or thermic boot option.
 Gloves stowed in a pocket on the arms and attached to suit by webbing lanyards.
 Neoprene hood permanently attached which folds down and is secured behind the neck when not in use. Retroreflective material on sleeves and hood.
Note: A detailed breakdown of individual materials and components is held by FNB and available on request.

Variants explained: 130624 WindGuard WOSS non-insulated immersion suit: As per suit model 120153A with additional fleece lined high face collar, closed end Aquaseal zipper and glideskin seals. Additional pockets. Smaller size range than the 120153A model (6 sizes: S, M, L, XL, XXL, XXXL).

120220 SOLAS Max-B non-insulated immersion suit: As per 130624 WindGuard WOSS variant only with red colour upper fabric.

Approval Documentation:

Document Description:	Report No/Doc Ref:	Comments:
Typhoon Technical File 120153A SOLAS WOSS	T253 Issue 15 (April 25)	Manufactures technical documentation
FTH-REQ-17	2653a, 3027 & 3431	FNB Requirements Checklist (SOLAS Lifejackets)
Test Report	F8380	Issued by Sintef (Thermal tests)
Test Report	BLS/FTL/2032	FTL test report (Resolution MSC.81(70))
Test Report	DK/FTL/2502	FTL test report (ETSO-2C504)
Test Report	DB/FTL/3027	FTL Test report (Thermic boot option and new variants 130620 and 130622)

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Pictures of Product:



Model 120153A – Front view



Model 120153A – Back view



Model 130624 – Front view

Model 130624 – Back view
(Model 120220 is identical except top colour is red)

Marking:

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.



####/YY or

####/YYYY

Example of UK conformity mark format:

UK Approved Body Number undertaking surveillance module

YY or YYYY The last two digits or full four digits of the year in which the mark is affixed

Limitations and Requirements:

- All the immersion suit variants are designed to be worn with an approved lifejacket.
- Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be reapproved, prior to it being placed on the market and on board vessels to which the amended regulations or standards apply.

- End of Certificate -

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UK APPROVED BODY IDENTIFICATION NUMBER 0514
 A UKAS CERTIFICATION BODY NO. 5554



UK Approved Body Authorised
 by the MCA