

UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

Certificate No. TI/23/034/04/MED/3407

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**

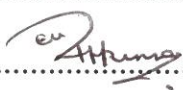
Item (No & Item Designation) **UK/1.5a**
 Product Type: **Life Saving Appliances - Non-insulated immersion suit designed to be worn in conjunction with a lifejacket**

Product Name: **Un-Insulated Immersion Suit**
 Product Model No: **T266 (MRI Ref No:0236)**
 Size(s): **Universal (95kg or less) and XL (>95kg)**
 Model Variants: **- Intrepid MK8 Non-insulated Immersion Suit
 - Non-insulated Immersion Suit 130610
 - OOSS (Once Only Survival Suit)
 - Wessex Non-Insulated Survival Suit**

Specified Standard **IMO Resolution MSC.48(66) (LSA Code) adopted on 4th June 1996 and
 IMO Resolution MSC.81(70) adopted on 11th December 1998**
 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 This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.**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 4 pages.
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Signed:  **Date of issue: 11.08.2023**

Name: **.....Neil Atkinson.....** **Date of expiry: 10.08.2028**

- 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 should be indicated in the Annex.*

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

Identification of Marine Equipment:

Product Name: Un-Insulated Immersion Suit
Product Model No: T266 (MRI Ref No:0236)
Size(s): Universal (95kg or less) and XL (>95kg)
Model Variants:
- Intrepid MK8 Non-insulated Immersion Suit (31-ISP-MK8S-UNI /31-ISP-MK8S-XL0)
- Non-insulated Immersion Suit 130610
- OOSS (Once Only Survival Suit) (31-ISP-OOS-005)
- Wessex Non-Insulated Survival Suit (31-OSL-WESS-UNI-001 / 31-OSL-WESS-XL-001)

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

Product features: Fully enclosed, PU coated nylon, front entry, watertight immersion suit with integral foot, hand and head covering. The suit is closed by a waterproof front zipper and the hood is close fitting around the face and incorporates a "smoothskin" seal around the face perimeter.
The suit is fitted with integrated fingered gloves and optional outer neoprene mitt. Retro reflective material above the cuffs and on the hood.
Optional buddy.
Note: A detailed breakdown of individual materials and components is held by FNB and available on request.

Main differences in variants: Intrepid MK8 Non-insulated Immersion Suit (31-ISP-MK8S-UNI /31-ISP-MK8S-XL0) – Original ISP design

Non-insulated Immersion Suit 130610 – Typhoon Redcar version (no difference to Intrepid MK8 version)

OOSS (Once Only Survival Suit) (31-ISP-OOS-005) – One size garment, same pattern as the above Intrepid MK8 XL size, no thermal mitts, an additional leg tie 20cm above the lower leg tie, cuff straps (hook and loop fastener) fitted to the gloves, end user specific packaging.

Wessex Non-Insulated Survival Suit (31-OSL-WESS-UNI-001 / 31-OSL-WESS-XL-001) - customer branded variant of Intrepid Mk8.

Compatibility: The suit has been tested for compatibility with the following lifejacket model with positive results:
Model: 064 Challenger Interlock 275N Twin Chamber Inflatable Lifejacket

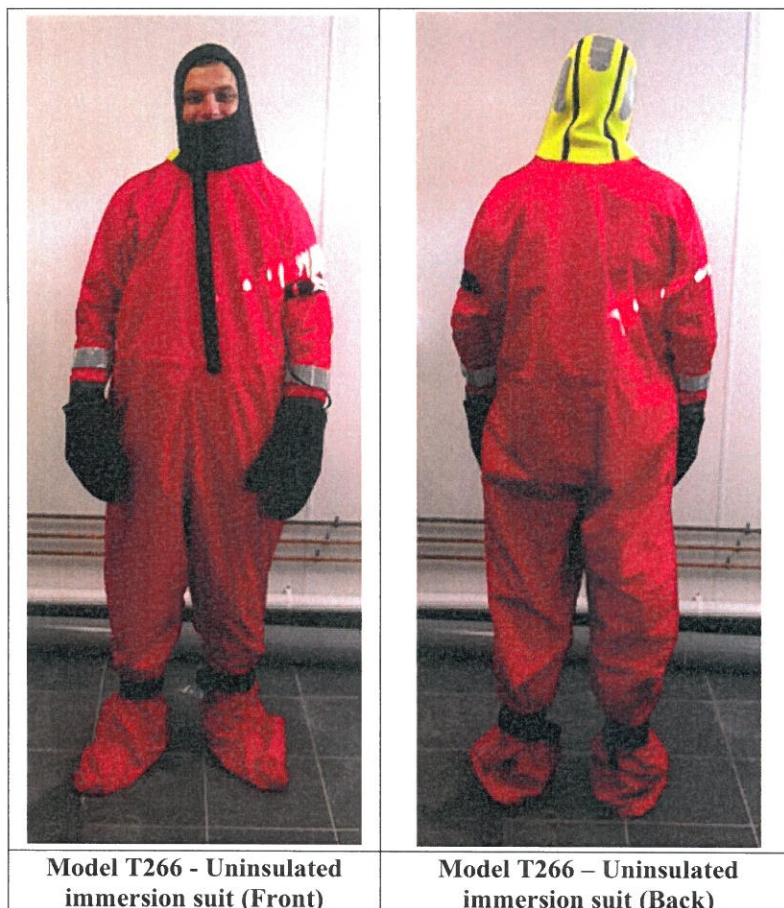
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Pictures of Product:



Approval Documentation:

Document Description:	Report No/Doc Ref:	Comments:
Typhoon Technical File Un-Insulated Immersion Suit	T266 (MRI Ref No:0236) Issue 9, dated 25.07.2023	Manufactures technical documentation
FTH-REQ-17	3407	FNB Requirements Checklist (SOLAS Lifejackets)
Force Technology Type Test Report	110-24623.a dated 23.07.2010	Donning and in water testing of the MK8 immersion suit and Challenger 275 interlock twin chamber lifejacket to IMO Resolution MSC.81(70)
Ergo Pro Type Test Report	01-2013 dated 29.01.2013	Thermal protective tests in accordance with IMO Resolution MSC.81(70).
Force Technology Type Test Report	113-24532.b dated 19.06.2013	Testing of 130610 Uninsulated immersion suits in accordance with IMO Resolution MSC.81(70).
FTL Test Report	BLS/FTL/2653a dated 24.07.2014	Testing of optional buddy line in accordance with EN ISO 12402-8:2006+A1:2011.
FTL Test Report	RS/FTL/3407 dated 06.07.2023	Testing of Intrepid MK8 Uninsulated immersion suit in accordance with IMO Resolution MSC.81(70).

FLEETWOOD TEST HOUSE, FLEETWOOD NAUTICAL CAMPUS
BROADWATER, FLEETWOOD, LANCASHIRE, FY7 8JZ, UK
Telephone +44 (0) 1253 504725 · E-mail: ftl@blackpool.ac.uk

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



UK Approved Body Authorised by the MCA

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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.

 <p>####/YY or ####/YYYY</p>	<p><i>Example of UK conformity mark format:</i> #### 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</p>
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Limitations and Requirements:

- The immersion suit is 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 -