



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 160.171/244/0

Expires: 29 July 2021

IMMERSION SUIT (SOLAS)



Model Arctic-25, Adult Universal immersion suit, for persons weighing 50-150 kg (110-330 lb) and 1.6-1.9 m (63-75 inches) in height, insulated buoyant "IMMERSION SUIT", for use without a lifejacket.

Suit complies with SOLAS and the IMO LSA Code (Res. MSC.48(66), as amended through Res. MSC.207(81)); evaluated and tested in accordance with Res. MSC.81(70), as amended through Res. MSC.226(82).

Identifying Data: 46 CFR 160.171 and UL Report File No. MQ 7228.

Production inspections conducted by Underwriters Laboratories, Inc. (UL). Each suit bears the UL Classification Mark.

Factory Locations: See UL report file for current factory locations.

*** End ***

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.

GIVEN UNDER MY HAND THIS 29th DAY OF
JULY 2016, AT WASHINGTON D.C.



B. A. BALDWIN
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT

EC CERTIFICATE

EC TYPE-EXAMINATION (MODULE B) CERTIFICATE No. 0843-MED-0116

This is to certify that: UL International (UK) Ltd. did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Manufacturer:

Address:

Directive Reference: **MED 96/98/EC, as amended by Directive (EU) 2015/559**

Annex A1 Item: **A.1/1.6 Immersion Suits**

Product Type: **Immersion Suit**

Product Description: **Model: Arctic 25 , Size: Adult Universal , Height: 1.6-1.9m , Weight: 50-150kg**

Specified Standard: **Life Saving Appliances Code, 2nd Edition, 2010**

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

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue: **12 August 2016**

Issued by: **UL international (UK) Ltd.
Notified Body 0843**

Expiry date: **11 August 2021**

USCG Approval Category No.:

Signed:

This Certificate consists of **2** pages

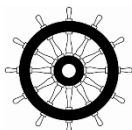
Name:

**Chris Miles
Head of Notified Body**

Notes

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

2: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.



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 ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

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

EC CERTIFICATE

Schedule of Approval (Annex) No. 0843-MED-0116

Date of issue: **12 August 2016**

Issued by: **UL international (UK) Ltd.
Notified Body 0843**

Expiry date: **11 August 2021**

Approval documentation:

Type Report

MQ7228-D1-European Directive-Original

A.1/1.6 Immersion suits / anti-exposure suits to be worn without a lifejacket

Regulation SOLAS 74, as amended:
Reg. III/4; Reg. X/3

Regulation of SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO:
Reg. III/7; Reg. III/22; Reg. III/32; Reg. III/34; IMO Res. MSC.36(63)-(1994 HSC Code) 8
IMO Res. MSC.48(66)-(LSA Code) I, II; IMO Res. MSC.97(73)-(2000 HSC Code) 8; IMO MSC/Circ.1046

Testing standard:
IMO Res. MSC.81(70), MSC.218(82), MSC.226(82), MSC.323(89)

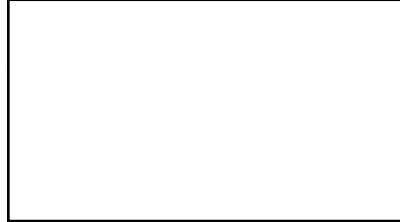
Limitations on the acceptance or use of the product(s):

None

CERTIFICATE OF COMPLIANCE

Certificate Number 20160901-MQ7228
Report Reference MQ7228-20160830
Issue Date 2016-SEPTEMBER-01

Issued to:



**This is to certify that
representative samples of**

IMMERSION SUITS, MARINE
Immersion Suit, Insulated, Buoyant Type: SOLAS,
Model ARCTIC 25

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1197, Immersion Suits
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

A handwritten signature in black ink, appearing to read "Bruce Mahrenholz".

Bruce Mahrenholz, Director North American Certification Program

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20160901-MQ7228
Report Reference MQ7228-20160831
Issue Date 2016-SEPTEMBER-01

Issued to:



This is to certify that
representative samples of

IMMERSION SUITS, MARINE CERTIFIED FOR CANADA
Immersion Suit, Insulated, Buoyant Type: SOLAS,
Model ARCTIC 25

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: TP14475, Canadian Life Saving Appliance Code
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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