



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. LB-369

This is to certify that the
Immersion suits and anti-exposure suits - insulated or not insulated

with type designation(s)
PS2004

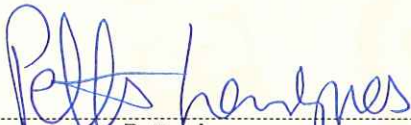
Manufactured by
Viking Life-Saving Equipment A/S
Esbjerg V., Denmark

is found to comply with
SOLAS 74, Regulation III/4, III/7.3, III/22.4, III/32.3, III/34 & X/3, LSA Code and 2000 HSC Code 8.1, 8.3.

Application
Insulated immersion suit constructed to be worn with approved lifejacket

Høvik, 2011-07-12
for Det Norske Veritas AS

This Certificate is valid until
2015-06-30



Petter Langnes
Head of Section

DNV local office:
Fredericia



Helge Bjørnara
Surveyor

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Certificate No.: LB-369
File No.: A.1/1.5
Job Id.: 262.1-003458-2

Product description

PS2004 is an insulated immersion suit. Buddy line and lifting strap are optional.

Sizes: 54 / Universal: 140 - 200 cm 50 - 100 kg
58 / Oversize: 170 - 210 cm 80 - 160 kg

Main fabric: 5 mm Neoprene by Pacific Eagle Enterprise Co. Ltd.
Zipper: RIRI 95/10 storm by Riri SA

Product is manufactured at Viking Life-Saving in Thailand.

Application/Limitation

PS2004 shall be worn with an approved lifejacket approved.

Production tests shall be conducted in accordance with IMO Res. MSC.81(70), part 2.

The design assessment is based on IMO Res. MSC 48(66) (LSA Code) as amended by IMO Res. MSC 207(81) and IMO Res. MSC 218(82).

Type Approval documentation

Certification in accordance with Standard for Certification No. 1.2, Type Approval, April 2009.

This certificate replaces LB-192.

Survey retention report dated 2011-06-30 from DNV Bangkok.

Basis for approval:

Test report File no. m1445-184851 dated 2002-11-07 from Force Technology, Denmark
Test report File no. m1445-224079 dated 2004-08-18 from Force Technology, Denmark
Test report File no. 107-29387 dated 2007-04-23 from Force Technology, Denmark
Technical Specification: PS2004 Edition 5 dated 2005-12-06
Statement No. 80.935-172/07 dated 2007-07-05 from FORCE-Dantest CERT
Test report No. m1445-250216 dated 2005-12-21 from FORCE Technology
Prototype test dated 2002-11-07 from FORCE Technology

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC 81(70) part 1, as amended by IMO Res. MSC 200(81) & IMO Res. MSC 226 (82).

Marking of product

The product is to be indelibly marked with name of manufacturer, type designation, dimensions and date of manufacture. Further, it shall be marked that it is to be worn in conjunction with a lifejacket. The marking shall comply with the LSA Code (IMO Res. MSC 48(66)), item 1.2.2.9.

Certificate Retention Survey

Det Norske Veritas' surveyor is to be given permission to perform Certification Retention Surveys at any time during the validity period of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in item Standard for Certification No.1.2 item 4.

The scope of the survey is to verify that the design of the product type, material composition and other conditions stated on the Type Approval Certificate are not altered since the certificate was issued.