

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Non-SOLAS Inflatable Rescue Platform**with type designation(s)
50 RDV

Issued to

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

is found to comply with

TP14475E Ed.1 (2010-03) Canadian life saving appliance standard**Application :****This certificate is recognized by Transport Canada.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2019-09-02**This Certificate is valid until **2024-09-01**.DNV GL local station: **Fredericia FiS**for **DNV GL**Approval Engineer: **Tessa Biever**

Mårten Schei-Nilsson
Head of Section

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.



Product description

Inflatable Rescue Platform (Non-SOLAS) composed of two (2) black buoyancy tubes provided with orange patches with a the single layer of floor mounted between the buoyancy compartments, two (2) diametrically opposed boarding ramps and four (4) boarding ladders. A lifeline is becketed around the rescue platform.

Capacity: 75 persons with 82.5 kg per person
Material buoyancy tubes: RBND6 , NK300C
Inflation system: Leaffield GIS

For further details please see drawings listed under type approval documentation.

Application/Limitation

The design assessment is based on:

- International Life-Saving Appliances (LSA) Code, IMO Res. MSC 48(66) as amended by IMO Res. MSC.218(82) and IMO Res. MSC.293(87), item 4.1.1.2 to 4.1.1.4, item 4.1.3.1, item 4.1.6.1 to 4.1.6.3 and item 4.2.6.1
- Canadian Life Saving Appliance standard – TP 14475E, Part I, section 4.5.

Max. stowage height: 18 m

Gas cylinders shall be of an approved type.

Components in the gas inflation system should be approved according to ISO 15738:2002.

The rescue platform is intended to be installed with external weak link and HRU.

Float free arrangement to be checked upon installation on board.

The inflatable rescue platforms are to be serviced annually at approved service stations which are authorized by the manufacturer.

Type Approval documentation

Certification in accordance with DNV GL-CP-0338, September 2018.

Drawings	Date
43002306.001.06, rev. 6, Viking 50 IBA Tube 1	2016-01-04
43002306.002.06, rev. 6, Viking 50 IBA Tube 2	2016-01-04
Test reports	Date
1691 (over pressure test)	2011-10-18
1696 (jump test)	2011-10-24
1699 (float free test)	2011-10-24
2706 (drop test)	2018-02-19
2711 (towing test)	2018-02-19
2810 (cold inflation test with -19 degrees)	2018-08-31
2811 (cold inflation test with -19 degrees)	2018-08-31
Test reports for material NK300C: 2595, 2596, 2667, 2733, 2734, 2673, 2674, 2688, 2682, 2683, 2767, 2768, 2675, 2676, 2677, 2678, 2668, 2669, 2686, 2687, 2692, 2685, 2693, 2684, 2752, 2689, 2690, 2691 Additional buoyancy tube material (NK300C) supported by the following test reports:	

Job Id: **262.1-031607-1**
Certificate No: **TALB0000034**

Prototype test in accordance with IMO Res. MSC.81(70), Part 1: - Weft distortion dated 2017-12-18, - Test report no. 2747:Coating Adhesion dated 2018-04-13 - Test report no. 2749: Oil resistance dated 2018-04-13 - Test report no. 2750: Blocking resistance 2018-04-13 - Laboratory test report no 1530100000 rev. 13 dated 2018-03-05 for NK300C by Contitech Laboratory Northeim, Germany witnessed by DNVGL surveyor DNV GL verification statement N141GV0D dated 2018-03-15	
Calculations	Date
42005481, Area and buoyancy calculation for 50 RDV	2019-05-21
Other	Date
Operation and maintenance manual - List of contents volume A ed. 41 - List of contents volume B ed. 39 - List of contents volume C ed. 37	2019-04-01 2018-12-01 2019-04-01

Tests carried out

Prototype test were carried out in accordance with MSC.81(70) Part 1, Section 5, with modification as stated in TP14475 Part II, 5.1.4.

Marking of product

The product is to be marked with the name and address of the manufacturer, type designation, batch or serial number or other elements allowing their identification.

The markings shall comply with TP 14475E Part I, item 4.5.8.1 and Part II, item 15.1.2.

All instructions and markings accompanying the rescue platform, or printed directly on the rescue platform, shall be in both English and French, as per "Procedures For Approval of Life-Saving Appliances and Fire Safety Systems, Equipment and Products" (TP14612E) Ch.2.2.1.3.

Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "Approval Procedures for Life Saving Equipment and Structural Fire Protection Products (TP 14612)", DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment

DNV GL's surveyor is to be given permission to perform periodical assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.