Certificate No: LR25167570TA
Issue Date: 08/09/2025
Expiry Date: 07/09/2030

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Niikura Kogyo Co., Ltd.**
Address	2314-6, Jinba, Gotenba-shi, Shizuoka, 412-0047, Japan
Place of Production	Niikura Kogyo Co., Ltd. Fuji-Gotenba Factory, 2314-5, Jinba, Gotenba-shi, Shizuoka, 412-0047, Japan
Type	Valves - General
Description	Vacuum relief valve incorporating flame screen Model : VV-IIB-65, VV-IIB-80, VV-IIB-100 & VV-IIB-125
Trade Name	VV-IIB
Application	Device to relieve vacuum and to prevent the passage of flame into cargo tanks in tankers carrying products with a minimum MESG of 0.65mm
Specified Standard	IMO MSC/Circ. 677, 30 December 1994 IMO MSC/Circ. 1009, 8 June 2001 IMO MSC.1/Circ. 1324, 10 June 2009 ISO 15364:2000 ISO 15364:2007
Ratings	Nominal bore sizes (mm) : 65 to 125 Setting pressures (MPa) : –0.0035 to –0.007 ApparatusGroup : IIB(MESG=0.65mm)

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Yasushi Sawada

Engineering - Machinery - Lead Specialist to
Lloyd's Register Group Limited
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Other Conditions

1. Where the device is intended to be installed on a ship classed or intended to be classed with Lloyd's Register (LR), its position is to be indicated on the cargo tank venting system arrangement plan which is submitted for approval.
2. Sizing is to be in accordance with IMO/MSC/Circ.731, Section 2.5.1 of IMO/MSC/Circ.677 and Chapter II-2, Regulation 11.6 of 1974 SOLAS as amended.
3. The location of devices is to be in accordance with Chapter II-2, Regulation 4.5 and 11.6 of 1974 SOLAS as amended.
4. The installation and maintenance are to be carried out in accordance with manufacturer's instructions.
5. A copy of the instruction manual as per IMO/MSC/Circ.677 is to be kept onboard the vessel.
6. It is noted that the specified ice thickness of 65 and 125 mm sizes is 1 and 3 (mm) respectively, and that of 80 and 100 mm sizes is zero (mm).

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Group Limited of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21274461TA

The Design Appraisal Document LR25167570TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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