Certificate No: LR25169583TA
Issue Date: 23/07/2025
Expiry Date: 22/07/2030

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	**Winel BV**
Address	Dr Philipsweg 55, AD Assen, 9403, Netherlands
Place of Production	Winel BV Dr Philipsweg 55, AD Assen, 9403, Netherlands
Place of Production	Winel Vietnam Limited Landplot A2, Industrial Park, An Duong District, Hai Phong, Vietnam
Type	Air Vent Valve
Description	Air pipe automatic closing device with optional heating, Tank check valve (with or without screen)
Trade Name	CM Series
Application	Automatic closing appliance for air and overflow pipes for marine, offshore and industrial piping systems
Specified Standard	LR Rules and Regulations forClassification of Ships, July 2024 LR Rules and Regulations for Classificationof Special Service Craft, July 2024 LR Rules and Regulations forClassification of Offshore Units, July 2024 IACS Unified Requirements P3 (1991, Rev. 5, April 2021)

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Joseph Buttigieg

Engineering Piping/ Decarbonisation - Lead Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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LR Type Approval System Procedure TA14 Version 04 (September 2020)

Ratings See Appendix

Other Conditions

1. The vent check valve pressure drop / flow characteristic curves of the manufacturer shall be taken into consideration

2. The vent check valves are not to be used on cargo oil tanks

3. Powder-coated aluminium vent heads may be accepted on tankers classed by the Society as ballast tank air pipe closing appliances within the range of the cargo tanks, provided they comply with the remaining requirements of the Rules and are installed to the surveyor's satisfaction

4. The vent check valves may be delivered with heating arrangements and may be accepted on ships classed by the Society, provided the valves and their electrical heating system and heating control system comply with the applicable requirements of the Rules

5. Tank vent check valves with electrical heating arrangements fitted in hazardous areas are to be of an intrinsically safe design in compliance with the Rules

6. The electrical heating system and heating control system do not form part of this approval

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR2002530TA-01

The Design Appraisal Document LR25169583TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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