Certificate No: LR2540172TA
Issue Date: 11/03/2024
Expiry Date: 10/03/2029

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	**Pres-Vac Engineering A/S**
Address	Svanevang 3-5, Allerød, DK-3450, Denmark
Place of Production	Pres-Vac Engineering A/S Svanevang 3-5, Allerød, DK-3450, Denmark
Type	Flame Arrester/Screen Units
Description	End of line flame arrester. Flame Screen Unit.
Trade Name	VFA 2273-1
Application	End of line device to prevent the passage of flame into cargo tanks in tankers.
Specified Standard	IMO MSC Circ. 677 amended by MSC Circ. 1324.
Ratings	Sizes - DN 400 & DN 650 With IIB wire mesh for use with products belonging to Apparatus Group IIB and MESG value as greater than or equal to 0.65 mm. With IIA wire mesh for use with products belonging to Apparatus Group IIA and MESG values as greater than or equal to 0.9 mm.

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Dirk Schroeder

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

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Including conversion kit from Apparatus Group IIA to IIB.

Other Conditions

1. Flame screen units intended for use on board ships being built to LR Class Requirements are to be manufactured in accordance with the approved drawings and installed in accordance with the manufacturer's recommendations, to the satisfaction of the LR Surveyor.
2. Materials used are to be suitable for their intended service and the cargoes to be carried.
3. Flame screen units are to be maintained in accordance with manufacturer's recommendations.

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.

The Design Appraisal Document LR2540172DAD and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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