Certificate No: LR26403196SF
Issue Date: 01/09/2026
Expiry Date: 31/08/2031

Certificate Of Fire Approval

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	**Minimax GmbH**
Address	Industriestraße 10/12, Bad Oldesloe, 23840, Germany
Type	Pressure Water-Spraying System
Description	Fixed Fire Extinguishing System - Type: "Minifog Marine XP" (using V5, V10, V11, V13 & V15 nozzles) High Pressure Water Mist System for Machinery Spaces of Category A and Cargo Pump Rooms with a deckhead height not exceeding 11.7 metres and maximum enclosure net volume of 3510m3, equivalent to SOLAS II-2/10.4 & FSS Code, Chapter 7.2.2, and for Bilge area containing methanol fuel residues using MXD-V10-K1.7-XP nozzle in accordance with IMO MSC.1/ Circ.1621, paragraph 11.7.2
Trade Name	Minifog Marine XP MXD-V5-K4,2-XP, MXD-V10-K1,7-XP, MXD-V11-K0,8-XP, MXD-V13-K1,0-XP, MXD-V13-K2,0-XP, MXD-V13-K3,7-XP, MXD-V15-K1,8-162°-XP
Specified Standard	IMO MSC/Circ. 1165 as amended by MSC.1/Circ. 1237, MSC.1/Circ. 1269 and MSC.1/Circ. 1386

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register Marine Polska sp. z o. o. of any modification or changes to the equipment in order to obtain a valid Certificate.

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

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Marta Walk

Fire & Safety - Senior Specialist to Lloyd's Register Marine Polska sp. z o. o.
A member of the Lloyd's Register group

Al Zwycięstwa 13a, Gdańsk, 80-219, Poland

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This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

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