Certificate No: LR26148423SF
Issue Date: 23/03/2026
Expiry Date: 01/10/2027

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	**Siemens A/S**
Address	Middelfartvej 9C, Odense C, 5000, Denmark
Type	FIXED PRESSURE WATER SPRAYING FIRE EXTINGUISHING SYSTEM
Description	Sinorix Fixed Fire Extinguishing System with Components – Type: “CB”, "BY" and type “CA” Water Mist Nozzles for Machinery Spaces of Category A and Cargo Pump Rooms with a deckhead height not exceeding 5, 8 and 11 metres and maximum enclosure volumes of 1700m3 2720m3 and 3740m3 respectively, equivalent to SOLAS II-2/10.4 & FSS Code, Chapter 7-2-2 (limited to nozzle head and their performance)
Trade Name	Sinorix Fixed Fire Extinguishing System with Components – Type: “CB”, "BY", “CA”
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 North America, Inc. 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.

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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Bruce McDonald

Global Fire & Safety Manager to Lloyd's Register North America, Inc.
A member of the Lloyd's Register group

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