Certificate No: LR2146399SF
Issue Date: 29/01/2021
Expiry Date: 28/01/2023

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	**Kashiwa Co., Ltd., Tsukuba Works**
Address	4-5-4, Takanawa, Minato-ku, Tokyo, 108-0074, Japan
Type	INSIDE AIR HIGH EXPANSION FOAM SYSTEMS FOR THE PROTECTION OF MACHINERY SPACES AND CARGO PUMP ROOMS
Description	Fixed fire extinguishing system– Type: "Inside Air Foam System using foam generator type: 60MD and 30MD"
Trade Name	Inside Air Foam System using foam generator type: 60MD and 30MD
Specified Standard	IMO MSC.1/Circ. 1384, which supersedes IMO MSC/Circular 1271

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 EMEA 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.

Downloaded Copy

Saji Abraham

Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.