Certificate No: LR26125203SF
Issue Date: 16/05/2026
Expiry Date: 15/05/2031

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	**Johnson Controls International Korea, Inc**
Address	32, Noksansandan 165-ro 14beon-gil, Gangseo-gu, Busan, 46752, South Korea
Type	INSIDE AIR HIGH EXPANSION FOAM SYSTEMS FOR THE PROTECTION OF MACHINERY SPACES, CARGO SPACES, CARGO PUMP ROOMS AND VEHICLE, SPECIAL CATEGORY AND RO-RO SPACES
Description	Fixed fire extinguishing system– Type: "Inside Air Fixed High-Expansion Foam Fire Extinguishing System, Type SP-HIEX using foam generator type: SPFG-100/50/25 "
Trade Name	SP-HIEX Inside Air Fixed High-Expansion Foam Fire Extinguishing System, using foam generator type: SPFG-100/50/25
Specified Standard	IMO MSC.1/Circ. 1384, which supersedes MSC.1/Circ.1271 IMO Res.MSC.327(90) – FSS Code, Chapter 6

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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