Certificate No: LR2317810TA
Issue Date: 14/02/2023
Expiry Date: 16/07/2027

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	**Fire Security AS**
Address	Skibåsen 20B, Kristiansand, 4636, Norway
Place of Production	RUDOLF HENSEL GmbH Lauenburger Landstr. 11, Boernsen, 21039, Germany
Type	Cables Accessories
Description	Ablation fire resistant coating compound
Trade Name	FS5
Application	Coating compound for marines applications and on offshore platforms for fixed installed cables
Specified Standard	IEC 60331-23:04.1999 IEC 60332-3-22: 02.2009
Ratings	Minimum coating thickness in dry condition: 1.0 mm
Other Conditions	Prior to coating with the material FS 5, the cables are to be clean oil-free. Refer to technical data sheets Q-MS 1 940-1, rev. 3, dated 3.2.2022 and to FS-IMS-16-WI-02, rev. 2, dated 25.10.2022 Fire test, IEC 60331-23, carried out with Nexans cable type MPRXCX 0.6/1 kV 4 x 1.5 mm^2.

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Jochen Koerner

Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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

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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 HPC1762026-23/JK and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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