Certificate No: LR2001659SF
Issue Date: 07/02/2020
Expiry Date: 06/02/2025

Certificate Of Fire Approval

This is to certify that the product(s) detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations for use on offshore units classed with Lloyd's Register, and for use on offshore units and onshore facilities when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	**Advanced Insulation Systems Limited (Manuplas)**
Address	Quedgeley West Business Park Bristol, Road, Hardwicke, GL2 4PA, United Kingdom of Great Britain and Northern Ireland
Type	Jet Fire Resisting Protection Systems
Description	Structural Steel 'Open' Sections ('I' Sections) protected with 'FlexiChar C20i (H)' Hybrid Polymer Based Intumescent Coating reinforced with "High Silica Glass Mesh" reinforcement for Jet Fire exposures, up to 20 minutes duration
Trade Name	FlexiChar C20i (H)
Specified Standard	ISO 22899-1:2007"Determination of the resistance to Jet Fires of Passive Fire Protection Materials – Part 1: General Requirements" ISO22899-2:2013 "Determination of the Resistance of Jet Fires of Passive Fire Protection Materials, Part 2: Guidance on Classification and Implementation Methods"

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.

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Keith Taylor

Team Lead Fire & Safety to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, UK

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Certificate Of Fire Approval

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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