




EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No. 1025) did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Fire protection equipment requirements of Marine Equipment Directive (MED) 2014/90/EU and Commission Implementing Regulation (EU) 2018/773 indicating design, construction and performance requirements and testing standards for marine equipment, subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer (Applicant)	Unifrax Limited
Address	Mill Lane Rainford St. Helens Merseyside, WA11 8LP United Kingdom (UK)
Reference Regulation Item (No & Item designation)	Regulation 2018/773 MED/3.11a 'A' AND 'B' CLASS DIVISION, FIRE INTEGRITY - 'A' CLASS DIVISIONS
USCG Category Number	164.108 - 'A' AND 'B' CLASS DIVISION, FIRE INTEGRITY (Bulkhead)
Product Type	A-60 BULKHEAD
Product Description	Fire-Resisting 'A' Class Bulkhead - Type "FyreWrap-LT A60 Bulkhead"
Specified Standard	IMO Res. MSC.307(88) - (2010 FTP Code) Annex 1 Part 3

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue	28 June 2018	Expiry date	27 June 2023
Certificate No.	MED 1850117/M1	Signed	
Sheet No	1 of 3	Name	J. M. Evans For and on behalf of Lloyd's Register Verification LRV EC Distinguishing No. 0038

Note:

This certificate is issued under the authority of the MCA. 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 the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.

USCG-EU MRA - This product has been assigned a U.S. Coast Guard Module B number: USCG Module B number: 164.108/EC0038 to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment."

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Issue number	1

DESIGN APPRAISAL DOCUMENT

Date	28 June 2018	Quote this reference on all future communications	SOUTSO/SFS/TA/JE/WP32328324
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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1850117/M1

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

APPROVAL/EXAMINED DOCUMENTATION

Far East Fire Testing Centre (FEFTC), 511 Chuhua Zhi Lu, Shanghai Chemical Industry Park, Fengxian Sub-Zone, Shanghai, People's Republic of China; Fire Test Report No. FT18015 dated 6th February 2018.

CONDITIONS OF CERTIFICATION

1. Consisting of: 4.5mm thick steel bulkhead insulated with one layer of (40mm thick, 48kg/m³ density) insulation applied longitudinally over plate and second layer (40mm thick, 48kg/m³ density) insulation applied transversely over plate and also stiffeners, type "FyreWrap LT Blanket" manufactured by Unifrax. Insulation retained to bulkhead and stiffeners with 3mm diameter steel pins and 30mm diameter washers spaced at maximum 350mm from insulation joints, maximum 350mm centres horizontally and vertically
2. Composition and application of insulation material to be maintained in production and use in accordance with originally tested composition formula and method of application, and manufacturer's instructions
3. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place
4. This product has been assigned a U.S. Coast Guard Module B number USCG Approval Category 164.108/EC0038 to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment"

In those instances where the Notified Body conducting the conformity assessment in accordance with either Module D, E or F of the Marine Equipment Directive is not Lloyd's Register Verification Ltd., such Notified Body would use the above U.S. Coast Guard Module B number to provide the manufacturer with the U.S. Coast Guard approval number by noting it on the Certificate of Conformity, thereby authorizing the manufacturer to mark the product accordingly

Note: For products placed on board U.S. flagged ships there is no declaration of conformity required to meet U.S. Coast Guard requirements

5. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place



Lloyd's
Register

Lloyd's Register Verification Limited

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PLACE OF PRODUCTION

Unifrax UK
Mill Lane
Rainford
St Helens
Merseyside WA11 8LP
United Kingdom (UK)

Unifrax France
17, Rue Antoine Durafour
BP2
42420 Lorette
France

Unifrax I LLC
54401 Smilax Road
New Carlisle
Indiana 46552
United States of America (USA)



Jessica Evans
Senior Specialist
Statutory Fire & Safety
Southampton Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Verification
LRV EC Distinguishing No. 0038

**NOTIFIED BODY CERTIFICATE
TRANSFER OF RESPONSIBILITY**



Certificate No: 0525-MED-DE-MED 1850117/M1

This certificate transfers Lloyd's Register Verification Ltd. (0038)
Certificate No: MED 1850117/M1
Issued on: 28 June 2018
to the responsibility of EU Notified Body No. 0525
(Lloyd's Register Deutschland GmbH)

Date of Original Certificate: 28 June 2018
Date of Current Certificate: 31 December 2020
Date of Certificate Expiry: 27 June 2023

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