

# EC Type Examination (Module B) Certificate

This is to certify that:

LLOYD'S REGISTER VERIFICATION B.V. (LRV B.V.), designated as a "notified body" under the Ministry of Infrastructure and the Environment - Netherlands Shipping Inspectorate (ILT Scheepvaart) notification, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the Design Appraisal Document attached hereto.

**Supplied by:** **Vyva Fabrics**

**Address** TT. Vasumweg 140, 1033 SH, Amsterdam, The Netherlands

**Reference** Regulation (EU) 2021/1158

**Regulation Item (No. & Item Designation)** MED/3.20c Upholstered Furniture: Cover Material For Flame-Retardant Filling Material (Tested In Specific Combination As Intended For Further Application)

**Product Type** MATERIALS HAVING QUALITIES OF RESISTANCE TO THE IGNITION AND PROPAGATION OF FLAME

**Product Description** Fire-Resisting Upholstery Material

**Specified Standard** IMO Res. MSC.307(88) – (2010 FTP Code) Annex 1 Part 8

**Trade Name** "Harlow"

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 This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRV B.V. of any modification or changes to the equipment in order to obtain a valid Certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards of the Commission Implementing Regulation may change, therefore the product conformity may need to be re-assessed by the Notified Body.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D,E, or F) of the Directive is fully complied with.

Lloyd's Register Verification B.V. (Reg. no. 24247947) a private limited company registered in the Netherlands with registered office at K.P. Van Der Mandelelaan 41 A, 3062MB, Rotterdam. A member of the Lloyd's Register group.



**Jessica Evans**

Senior Surveyor  
For and on behalf of Lloyd's Register  
Verification B.V. (2814)

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**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR21463821MB**

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 forms part of the Certificate.

**APPROVAL/EXAMINED DOCUMENTATION**

**TEST REPORTS**

Warringtonfire Frankfurt GmbH, Industriepark Höchst C369, D-65926 Frankfurt am Main, Germany; Fire Test Report No. 210015 dated 25<sup>th</sup> January 2021.

**CONDITIONS OF CERTIFICATION**

1. Upholstery cover fabric consisting of exterior type "Harlow PVC synthetic leather" (nominal weight per unit area 200g/m<sup>2</sup>, thickness 0.16mm) followed by type "Harlow PVC foam" (nominal weight per unit area 315g/m<sup>2</sup>, thickness 0.37mm) and type "Harlow polyester textile backing" (nominal weight per unit area 135g/m<sup>2</sup>, thickness 0.57mm). Bonded with PVC adhesive manufactured by Vyva Fabrics and applied in application rate as per fire test specimens.
2. Overall weight 730 +/- 50g/m<sup>2</sup>, thickness 1.20 +/- 0.15mm.
3. All materials, and adhesive, to be of exactly same type as used in original fire test; documentation confirming test type and current manufacturing type and constitutions thereof to be available for verification by audits and inspections by LR and any external authorities.
4. Composition of individual components including any fire retardants to be maintained in production in accordance with originally tested composition formula.
5. Each item, batch or lot of the equipment is to have the "wheelmark" affixed and be issued with a "Declaration of Conformity" affixed after a conformity assessment module is in place.
6. Production items 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.
7. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products, are fully compliant with the relevant statutory regulations as applicable and are designed, manufactured and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties.
8. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel mark has been affixed on the last product manufactured and in no case for a period shorter than the expected life of the marine equipment concerned.
9. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained.

**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR21463821MB**

**PLACE OF PRODUCTION**

Supplied by Vyva Fabrics  
Calle 61 Sur # 43A - 290  
Sabaneta  
Antioquia  
Colombia



Jessica Evans  
Senior Specialist  
Fire & Safety, Statutory Discipline Team  
UK&I Technical Support Office, Marine & Offshore  
**For and on behalf of Lloyd's Register Verification B.V. (2814)**