

Approved Body authorised by the MCA

**UNITED KINGDOM CERTIFICATE OF TYPE APPROVAL**  
**Issued in accordance with**  
**The Merchant Shipping (Marine Equipment) Regulations 2016 SI**  
**2016/1025 as amended**

**Certificate Number: 164.144/1121/WCL MER0437TE**

Applicant:- **Andrew Muirhead & Son Limited** Manufacturer:- Andrew Muirhead & Son Limited  
Address:- **273 – 289 Dunn Street, Glasgow, Scotland G40 3EA** 273 – 289 Dunn Street, Glasgow, Scotland G40 3EA

This is to certify that the applicant has submitted details of fire resisting upholstery materials (Item Number UK/3.20: Upholstered Furniture), known and designated as:-

**“Lustrana, Lustrol, Sateen, Metallic, Ingleston, Grampian, Caledonian 2020, Arisaig, Cairngorm”**

having the technical specification given in the schedule of equipment on this certificate which has been tested and complies with the recommended criteria given in the following methods, published by the International Maritime Organisation, and which are contained in the relevant parts of the International Code for Application of Fire Test Procedures (FTP Code) namely:-

- IMO Resolution MSC 61(67) Annex 1 Part 8 and annex 2.
- IMO Resolution MSC 307(88) Annex 1 Part 8 and annex 2.

This certificate is issued on behalf of the Maritime and Coastguard Agency (MCA). The system complies with the relevant international testing standards under which legislation, The Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended by the Merchant Shipping (Marine Equipment) (Amendment etc.) (EU Exit) Regulations 2019 SI 2019/470 and Merchant Shipping Notice MSN 1874 Amendment 4 (M+F), the certificate is issued.

The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.144/1121/WCL MER0437 as allowed by the Merchant Shipping (Marine Equipment) (Amendment) (UK and US Mutual Recognition Agreement) (EU Exit) Regulations 2019 SI 2019/1304 ('the Regulations') dated October 7th, 2019.



P. Duggan, Certification Manager  
Warringtonfire Testing and Certification Limited  
Holmesfield Road  
Warrington WA1 2DS

Date of issue: 01/01/2021  
Date of expiry: 13/05/2024

## Certificate of Type Approval Schedule of Equipment

The applicant declared that the following comprises an accurate description of the system type to which this certificate applies.

General description	Pigmented Leather Upholstery Material	
Decorative Cover Fabric	Trade names / product references	"Lustrana, Lustrol, Sateen, Metallic, Ingleston, Grampian, Caledonian 2020, Arisaig, Cairngorm"
	Generic type	Pigmented Leather
	Name of manufacturer	Andrew Muirhead & Son Limited
	Weight per unit area	875g/m <sup>2</sup>
	Thickness	0.9 – 1.5mm
	Flame retardant details	See note 1 below
Foam cushion (used for the test)	Trade name	See note 2 below
	Generic type	Standard non FR polyurethane foam
	Name of manufacturer	See note 2 below
	Density	22kg/m <sup>3</sup>
	Thickness	75mm
	Trade name of flame retardant	Standard non flame retardant grade foam
Brief description of manufacturing process	See note 3 below	

Note 1 – The sponsor was unwilling to provide this information.

Note 2 – The sponsor was unable to provide this information.

Note 3 – The sponsor provided this information but at the specific request of the sponsor, this information has been omitted from the test report and is instead held on our confidential file relating to this investigation

**In accordance with Appendix 3, clause 1 of IMO resolution 307(88) Annex 1 Part 8, the upholster cover material may be used over any foam.**

The under noted documents have been approved for compliance with the relevant requirements of International Conventions and The Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended, for use on Ships Registered in the United Kingdom.

### **Approved Documents - Test Reports**

- |                    |                   |            |
|--------------------|-------------------|------------|
| 1. Lustrana        | - 27/02334E/08/11 | - 23/08/11 |
| 2. Lustrol         | - 27/02337G/08/11 | - 25/08/11 |
| 3. Sateen          | - 27/02334I/08/11 | - 25/08/11 |
| 4. Metallic        | - 27/02334D/08/11 | - 23/08/11 |
| 5. Ingleston       | - 27/02334B/08/11 | - 22/08/11 |
| 6. Grampian        | - 27/02334A/08/11 | - 22/08/11 |
| 7. Arisaig         | - 27/02334J/08/11 | - 25/08/11 |
| 8. Caledonian 2020 | - 27/02488/03/12  | - 19/03/12 |
| 9. Cairngorm       | - WF 412486       | - 28/04/19 |

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Note A: 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 approved body named on this certificate.

Note B: Should the specified Regulations or standards be amended during the period of validity of this certificate, the product(s) is/ are to be re-approved prior to it/ they being placed on the UK market and on board vessels to which the amended regulations of standards apply.

Note C: 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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body.

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