

EC TYPE EXAMINATION (MODULE B) CERTIFICATE


This is to certify that :

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Fire protection requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC, 2009/26/EC, 2010/68/EU, 2011/75/EU, 2012/32/EU and 2013/52/EU subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	Bru Textiles
Address	Satenrozen 2A B-2550 Kontich Belgium
Annex A1 Item USCG Category Number	A.1/3.19 DRAPERIES, CURTAINS & OTHER SUSPENDED TEXTILE MATERIALS AND FILMS 164.111 - DRAPERIES, CURTAINS & OTHER SUSPENDED TEXTILE MATERIALS AND FILMS
Type	MATERIAL HAVING QUALITIES OF RESISTANCE TO THE PROPAGATION OF FLAME
Description	Draperies, curtains and other suspended textile material and films - Types: "Plain Woven Group: FR-One Vanguard (Vaillant, Valhalla), FR-One Vanity (Admiration, Pride, Sleek, Superbia), FR-One Vittoria (Valor, Verel, Verve, Vertu, Volvox, Vortex), FR-One Venere (Valeria, Valona, Verena), FR-One Vivabella (Uma, Vantage, Vision, Volute, Wizard), FR-One Waldorf (Tsar, Vivaldo, Waltz, Zaza, Zefiro) and FR-One Wynshire (Vic)"
Specified Standard	IMO Res. MSC.307 (88)-(2010 FTP Code) Annex 1, Part 7

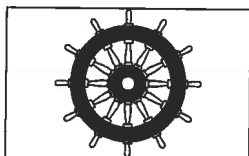
The attached Design Appraisal Document (schedule) forms part of this certificate.

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	27 November 2014	Expiry date	19 November 2019
Certificate No.	MED 1450255/M1	Signed	
Sheet No	1 of 3	Name	S. Abraham For and on behalf of Lloyd's Register Verification LRV EC Distinguishing No. 0038

Note:

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.



0038/yy

Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.

yy = Last two digits of year mark affixed.

This product has been assigned a U.S. Coast Guard Module B number:

USCG Module B number: 164.111/EC0038

USCG-EU MRA

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."

This certificate is issued under the authority of the MCA.

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK. A subsidiary of Lloyd's Register Group Limited.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's
Register

Lloyd's Register Verification Limited

71 Fenchurch Street, London, EC3M 4BS
Telephone 020 7423 2416 Fax 020 7423 2053
Email med@lr.org

Page 2 of 3
Document number MED 1450255/M1
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 27 November 2014	Quote this reference on all future communications MTES/SFS/TA/SA/WP18483206
--------------------------	--

ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1450255/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 DOCUMENTATION

LABOTEX NV, Belgium; Fire Test Reports:

<u>Test report</u>	<u>Date</u>	<u>Test report</u>	<u>Date</u>
13-1349-IMO	21 August 2013	14-1017-IMO	26 May 2014
13-0679-IMO	18 April 2013	14-1015-IMO	26 May 2014
13-1849-IMO	27 August 2013	14-1009-IMO	21 May 2014
13-2237-IMO	10 October 2013	14-1008-IMO	21 May 2014
13-1850-IMO	27 August 2013	14-1010-IMO	21 May 2014
13-2779-IMO	5 December 2013	14-1006-IMO	21 May 2014
14-1012-IMO	26 May 2014	14-1007-IMO	21 May 2014
14-1013-IMO	26 May 2014	13-2816-IMO	5 December 2013
14-1014-IMO	26 May 2014	13-1921-IMO	27 August 2013
13-2655-IMO	25 November 2013	14-0133-IMO	20 January 2014
13-2678-IMO	25 November 2013	13-2770-IMO	19 November 2013
14-1011-IMO	26 May 2014	13-2967-IMO	24 December 2013
14-1016-IMO	26 May 2014	13-1174-IMO	8 August 2013

CONDITIONS OF CERTIFICATION

- Consists of plain woven 100% polyester inherent flame retardant fabric.
- Range of fabrics are as follows:

<u>Fabric Type</u>	<u>Weight (g/m²)</u>	<u>Fabric Type</u>	<u>Weight (g/m²)</u>
FR-One Vanguard(Vaillant)	220	FR-One Venere (Verena)	150
FR-One Vanguard (Valhalla)	220	FR-One Venere (Valona)	150
FR-One Vanity (Admiration)	225	FR-One Vivabella (Uma)	150
FR-One Vanity (Pride)	225	FR-One Vivabella (Vantage)	150
FR-One Vanity (Sleek)	225	FR-One Vivabella (Vision)	150
FR-One Vanity (Superbia)	225	FR-One Vivabella (Volute)	150
FR-One Vittoria (Valor)	215	FR-One Vivabella (Wizard)	150
FR-One Vittoria (Verel)	215	FR-One Waldorf(Tsar)	410
FR-One Vittoria (Verve)	215	FR-One Waldorf(Vivaldo)	220
FR-One Vittoria (Vertu)	215	FR-One Waldorf(Waltz)	115
FR-One Vittoria (Volvox)	215	FR-One Waldorf(Zaza)	365
FR-One Vittoria (Vortex)	215	FR-One Waldorf(Zefiro)	365
FR-One Venere (Valeria)	220	FR-One Wynnshire (Vic)	350

- Composition of individual fabrics, including any fire retardants, to be maintained in production in accordance with originally tested composition formula and weave.