

## EC TYPE EXAMINATION (MODULE B) CERTIFICATE


This is to certify that :

LOYD'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 and 2009/26/EC subject to any conditions in the Design Appraisal Document attached hereto.

<b>Manufacturer</b>	Witt & Sohn A.G.
<b>Address</b>	Wuppermannstrasse 6-10 D-25421 Pinneberg Germany
<b>Annex A1 Item</b>	A.1/3.22 - FIRE DAMPERS
<b>USCG Category Number</b>	164.139 - DAMPERS
<b>Product Type</b>	FIRE DAMPER (STANDARD FIRE TEST)
<b>Product Description</b>	Single Blade Fire Damper - Type: "BK/D/A-60/200/4 to 1400/4/St/el or VA/pn" (Decks Only)
<b>Specified Standard</b>	IMO Res. MSC.61(67)-(FTP Code) Annex 1 Part 3 IMO MSC/Circ.1120

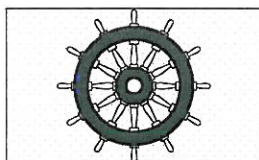
The attached Design Appraisal Document (schedule) forms part of this certificate.

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	6 December 2010	Expiry date	5 December 2015
Certificate No.	MED 1050310	Signed	 B. McDonald
Sheet No	1 of 2	Name	B. McDonald 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: 164.139/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 is the business name of Lloyd's Register Verification Limited, a member of the Lloyd's Register Group. Registration number 4929226. Registered office 71 Fenchurch Street, London EC3M 4BS, England.

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Issue number	1

**DESIGN APPRAISAL DOCUMENT**

Date	Quote this reference on all future communications
5 November 2010	LDSO/SFS/TA/BM

**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No.MED 1050310**

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**

TÜV Nord Bauqualität GmbH & Co. KG, Brandversuchshaus Hamburg, Germany, Test Report Nos. GH00.11.1, dated 6 October 2000 and GH00.24.1, dated 9 October 2000.

**CONDITIONS OF CERTIFICATION**

- For use in 'A-0', 'A-15', 'A-30' and 'A-60' decks with ducting suitably insulated.
- Range of sizes from 200 mm inside diameter to maximum size of 1400 mm inside diameter.
- Maximum clear opening size of damper: 1400 mm inside diameter.
- For use in decks only.
- When using fusible link switch/ actuator, Belimo BAE 72 - S, Belimo BF230 - T or Fusible Link SK10/100.
- 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.
- This product has been assigned a **U.S. Coast Guard Module B number USCG Approval Category 164.139/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".

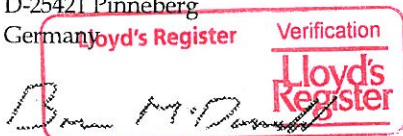
In those instances where the Notified Body conducting the conformity assessment in accordance with either Module D, E or F of the Marine Equipment Directive is not Lloyd's Register Verification Ltd., such Notified Body would use the above U.S. Coast Guard Module B number to provide the manufacturer with 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.

- 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.

**PLACE OF PRODUCTION**

Witt & Sohn A.G.  
 Wuppermanstrasse 6-10  
 D-25421 Pinneberg  
 Germany



Bruce McDonald  
 Statutory Fire & Safety Manager  
 For and on behalf of Lloyd's Register Verification  
**LRV EC Distinguishing No. 0038**