

CERTIFICATE OF FIRE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer Witt & Sohn A.G.

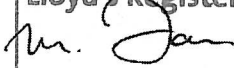
Address Wuppermannstrasse 6-10
D-25421 Pinneberg
Germany

Type FIRE DAMPER (STANDARD FIRE TEST)

Description A-0 Class Multi Blade Fire Damper - Type: "BK" For Bulkhead Applications

Specified Standard IMO Fire Test Procedures Code, Annex 1, Part 3

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

Date of issue	25 January 2007	Expiry date	24 January 2012
Certificate No.	SAS F070025	Signed	 Bremen Office
Sheet No	1 of 2	Name	M. Farrier Surveyor to Lloyd's Register EMEA A Member of the Lloyd's Register Group

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 Lloyd's Register of any modification or changes to the equipment in order to obtain a valid Certificate.

"Lloyd's Register, 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 Group'. The Lloyd's Register Group 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 Group 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."

DESIGN APPRAISAL DOCUMENT

Date 25 January 2007	Quote this reference on all future communications LDSS/PAS/FITA/MF
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F070025

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

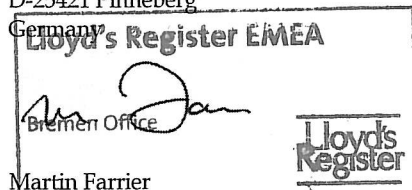
Bauqualität TÜV Nord, Brandversuchshaus Hamburg, Germany, Test Report No. GV94.23, dated 30 January 1995.

CONDITIONS OF CERTIFICATION

1. The fire damper is suitable for applications in A-0 Class Bulkheads and applications in bulkheads of any fire rating would require a separate project approval to be conducted to establish insulation requirements.
2. Maximum clear opening of fire damper 1350mm wide x 1350mm high.
3. Fire dampers to be constructed with a 10mm thick steel casing and 6mm thick stainless steel blades. All fire dampers are to be provided with an automatic means of closure or control, incorporating a spring operated fire tested device.
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.

PLACE OF PRODUCTION

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



Martin Farrier
Lead Specialist
Product Approval Services
London Design Support Services
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).