

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	Göpfert AG
Address	Armaturenfabrik und Metallgießerei Industriestraße D-25795 Weddingstedt Germany
Type	FIRE HYDRANT VALVE
Description	Fire Hydrant Valve - Type: SAV DIN86211 Dgf. DN50, globe valve with "PERBUNAN" resilient seal
Specified Standard	UK Department of Transport, Survey of fire protection arrangements in merchant ships - Appendix D

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 11 July 2008 Expiry date 10 July 2013

Certificate No. SAS F080294

Signed



Signature of M. Farrier, 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.

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DESIGN APPRAISAL DOCUMENTDate
11 July 2008Quote this reference on all future communications
LDSS/PAS/FITA/SA/MF**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F080294**

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Wehrtechnische Dienststelle für Schiffe und Marinewaffen (WTD 71), Kiel, Germany, Test Report No. 15/97 dated 14 August 1997.

CONDITIONS OF CERTIFICATION

1. Materials of construction to be an approved type.
2. Valve Types: SAV DIN 86211 DN 40 to DN 65, with "PERBUNAN" resistant seal, in straight through and angle form are also considered acceptable under this certificate.
3. 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

Göpfert AG
Armaturenfabrik und Metallgießerei
Industriestraße
D-25795 Weddingstedt
Germany



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

Lloyd's Register EMEA

Bremen Office

**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).