

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.

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|---------------------------|---|
| Manufacturer | Göpfert AG |
| Address | Armaturenfabrik und Metallgießerei, Industriestraße, 25795 Weddingstedt, Germany |
| Type | Fire Hydrant Valve |
| Description | Fire Hydrant Valve – Type: SAV Dgf. DN50 PN10 diaphragm valve with “VITON/KEVLAR” resilient seal in straight-through and angle form |
| Trade Name | Diaphragm Valve SAV DN50 PN10 straight/angle form |
| Specified Standard | British Standard 5041 Part 1 Appendix A.5 High Temperature Resistance Testing only, at 15bar nominal inlet pressure |

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form 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.



Saji Abraham

Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2225686SF

This Design Appraisal Document forms part of the Certificate.

This Certificate is a Renewal of Certificate Number SAS F160256

APPROVAL DOCUMENTATION

Dr.-Ing. T. Baumer GmbH Laboratory, Altensenner Weg 75, D - 32052 Herford, Germany; Test report for High Temperature Resistance Testing only according to British Standard 5041 Part 1 Appendix A.5 at 15bar nominal inlet pressure, conducted under LR witness; Test Report No: IBB 1550/HPC1665014, dated 16 March 2016.

CONDITIONS OF CERTIFICATION

1. Materials of construction are to be of an approved type.
2. Fire Hydrant Valve Type: SAV DN 50 PN 10, with "VITON/KEVLAR" resistant seal, in straight-through and angle form is 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.
4. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products are fully compliant with the relevant statutory regulations and designed, manufactured and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties.

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2225686SF**PLACE OF PRODUCTION**

Göpfert AG
Armaturenfabrik und Metallgießerei
Industriestraße
25795 Weddingstedt
Germany



Saji Abraham
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
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).