



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, 25795 Weddingstedt, Germany
Type	Fire Hydrant Valve
Description	Fire Hydrant Valve – Type: SAV DIN86211 straight/angle form DN40/50/65 Globe Valve with "Perbunan Resilient Seal"
Trade Name	Globe valve SAV DIN86211 straight/angle form DN40/50/65
Specified Standard	UK Department of Transport, Survey of fire protection arrangements in merchant ships – Appendix D

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 North America, Inc. 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.

1330 Enclave Parkway, Houston, Texas, 77077,
United States

Bruce McDonald

Global Fire & Safety Manager to Lloyd's
Register North America, Inc.
A member of the Lloyd's Register group

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No LR2495101SF

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

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This Certificate is Renewal of Certificate Number LR2003200SF-02

APPROVAL DOCUMENTATION

TEST REPORTS

Technical Centre for Ships and Naval Weapons, Naval Technology and Research (WTD 71) 24148 Kiel, Germany, Project No: R1/0000015071, Test Reports No. 10/14 and 11/14 both dated 11 November 2014.

CONDITIONS OF CERTIFICATION

1. Materials of construction are to be of an approved type.
2. Fire Hydrant Valve Type: SAV DIN86211 DN 40 to DN 65, with "PERBUNAN" Resilient seal, in straight through and angle form is also considered acceptable under this certificate.
3. Composition, application, and installation of subcomponents, including adhesives, glass, seals, and any fire retardants, to be maintained in production and use in accordance with originally tested composition formula and method of application and installation, and manufacturer's instructions.
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.
5. 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 as applicable and are 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 LR2495101SF

PLACE OF PRODUCTION

GÖPFERT AG
Industriestraße
D-25795 Weddingsstedt
Germany

Bruce McDonald
Global Fire and Safety Manager
Global technical Support 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)

