



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	Industriestrasse D-25795 Weddingstedt Germany
Type	HOSE NOZZLE
Description	Jet/Spray Branch Pipes - Type: "CMM-V-12/16/19 gun-metal
Specified Standard	British Standard BS 336 : 1989

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	21 March 2005	Expiry date	20 March 2010
Certificate No.	SAS F050081	Signed	 B. McDonald
Sheet No	1 of 2	Name	B. McDonald 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."

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Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 21 March 2005	Quote this reference on all future communications LPA/FSS/SSS/FITA/BM
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. MCA 0550010

The undernoted documents have been appraised for compliance with the relevant International Conventions and UK legislation for the Type Approval of Marine Equipment for use on Merchant Ships Registered in the United Kingdom.

This Design Appraisal Document forms part of the Certificate that is issued under the authority given in the MCA Merchant Shipping Notice No MSN 1735.

APPROVAL DOCUMENTATION

(UK) Department of Transport Certificate of Inspection and Tests No. SUR222, dated 29 April 1994.

CONDITIONS OF CERTIFICATION

1. Branch pipes of 12mm, 16mm and 19mm nominal bore.
2. Production items are to be manufactured in accordance with quality control system which shall be maintained to ensure that the items are of the same standard as the prototype.

PLACE OF PRODUCTION

Göpfert AG
Industriestrasse
D-25795 Weddingstedt
Germany

Bruce McDonald
Hamburg Plan
Approval Centre



Bruce McDonald
Senior Surveyor
Fire & Safety Section
Statutory & Structures Services
London Plan Approval
Lloyd's Register EMEA