CERTIFIED COPY

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	Dafo Fomtec AB
Address	P.O. Box 683 135 26 Tyresö Sweden
	FOAM CONCENTRATE
Description	Fire Extinguishing AFFF-AR Foam Concentrate - Type: "FOMTEC ARC" for Low Expansion Foam Applications
Specified Standard	BS EN 1568-3 BS EN 1568-4

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	14 September 2006	Expiry date	13 September 2011
Certificate No.	SAS F060256	Signed	
Sheet No	of 2	Name	M. Farrier Surveyor to Lloyd's Register EMEA A Member of the Lloyd's Register Group

LLOYD'S REGISTER EMEA Lloyd's Register STOCKHOLM

Endorsed 2006-10-04

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.

CERTIFIED COPY

Lloyd's Register EMEA
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Telephone 020 7423 2940 Fax 020 7397 4246
Email dcg-stat@lr.org

Document number SAS F060256
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
14 September 2006	LDSS/PAS/FITA/MF

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F060256

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Lloyd's Register Liverpool witness certificate number MCH0132969/01, dated 20 June 2001.

CONDITIONS OF CERTIFICATION

1. When used in 6% minimum concentration in suitable equipment for hydrocarbon and polar solvent for low expansion foam applications.
2. Performance levels achieved:

	Hydrocarbon Fire		Polar Solvent Fire	
	Freshwater	Seawater	Freshwater	Seawater
Extinguishment	CLASS 1	CLASS 1	CLASS 1	CLASS 1
Burnback Resistance	LEVEL A	LEVEL A	LEVEL A	LEVEL B

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

Dafo Fomtec AB
P.O. Box 683
135 26 Tyresö
Sweden

LLOYD'S REGISTER EMEA Lloyd's Register STOCKHOLM

Endorsed 2006-10-04

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).