

Kitemark™ Certificate

This is to certify that:

YG Yangın Güvenliği San. ve Dış Tic.
LTD. ŞTİ.
4. Levent Sanayi Bölgesi
Yeşilce Mah. Ulubaş Cad. Dostluk Sok.
Kat:4 No: 6-7
Kağıthane
34418
Turkey

Holds Certificate Number:

KM 729523

In respect of:

BS EN 15276
Condensed aerosol extinguishing systems

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2023-01-17

Effective Date: 2023-03-09

Latest Issue: 2023-03-09

Expiry Date: 2026-01-16



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Kitemark™ Certificate

No. KM 729523

Model No	Description	Branded As
HFX-20	Condensed Aerosol Generator; 20g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-50	Condensed Aerosol Generator; 50g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-100	Condensed Aerosol Generator; 100g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-200	Condensed Aerosol Generator; 200g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-500	Condensed Aerosol Generator; 500g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-1100	Condensed Aerosol Generator; 1100g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-1100	Condensed Aerosol Generator; 1100g Potassium Nitrate, Body – Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-2200	Condensed Aerosol Generator; 2200g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-2200	Condensed Aerosol Generator; 2200g Potassium Nitrate, Body – Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-3400	Condensed Aerosol Generator; 3400g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-3400	Condensed Aerosol Generator; 3400g Potassium Nitrate, Body – Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-4500	Condensed Aerosol Generator; 4500g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-4500	Condensed Aerosol Generator; 4500g Potassium Nitrate, Body – Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-6000	Condensed Aerosol Generator; 6000g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFF-6000	Condensed Aerosol Generator; 6000g Potassium Nitrate, Body – Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-7600	Condensed Aerosol Generator; 7600g Potassium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-7600	Condensed Aerosol Generator; 7600g Potassium Nitrate, Body – Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-20S	Condensed Aerosol Generator; 20g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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Model No	Description	Branded As
HFX-50S	Condensed Aerosol Generator; 50g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-100S	Condensed Aerosol Generator; 100g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-200S	Condensed Aerosol Generator; 200g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-500S	Condensed Aerosol Generator; 500g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-1100S	Condensed Aerosol Generator; 1100g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-1100S	Condensed Aerosol Generator; 1100g Strontium Nitrate, Body - Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-2200S	Condensed Aerosol Generator; 2200g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-2200S	Condensed Aerosol Generator; 2200g Strontium Nitrate, Body - Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-3400S	Condensed Aerosol Generator; 3400g Strontium Nitrate, Body - Stainless Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX
HFX-3400S	Condensed Aerosol Generator; 3400g Strontium Nitrate, Body - Painted Steel Housing, Electrical Activation & Mechanical Activation (Thermal).	HAFEX

Aerosol Generating Fire Extinguishing System Units are certified to BS EN 15276-1:2019

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Fire Class	Aerosol Extinguishing Application Density (g/m ³)
Class A (K-Type)	77
Class B (K-Type)	48
Class C (K-Type)	28.8
Class A (S-Type)	115.5
Class B (S-Type)	68.1
Class C (S-Type)	38.4
Electric Fire	According to Density of Class A or B

Aerosol Extinguishing Application Density

Model Name	75°C Distance (m)	200°C Distance (m)	400°C Distance (m)	Discharge Time (s)
HFX-20	-	-	-	3 – 5
HFX-50	-	-	-	3 – 5
HFX-100	0.05	-	-	4 – 6
HFX-200	0.05	-	-	4 – 6
HFX-500	0.45	0.15	-	5 – 7
HFX-1100	1.20	0.30	-	13 – 16
HFX-2200	1.50	0.30	-	14 – 17
HFX-3400	1.50	0.30	-	14 – 17
HFX-4500	2.00	1.00	0.10	15 – 18
HFX-6000	2.00	1.10	0.20	16 – 19
HFX-7600	2.50	1.50	0.40	17 – 20
HFX-20S	-	-	-	4 – 6
HFX-50S	-	-	-	4 – 6
HFX-100S	0.05	-	-	5 – 7
HFX-200S	0.05	-	-	5 – 7
HFX-500S	0.45	0.15	-	6 – 8
HFX-1100S	1.20	0.30	-	16 – 19
HFX-2200S	1.30	0.30	-	20 – 23
HFX-3400S	1.30	0.30	-	25 – 28

Discharge characteristics of the aerosol extinguishers

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