Factory Mutual / USA	Approval Report	Issued at*	Valid until	HI-FOG system
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 260 m ³	Project ID J.I.0D5A4.AH	Feb 1998	Continuous	MAU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 1500 m ³	Project ID RR227988	Dec 2014	Continuous	GPU
Machinery and combustion turbines in enclosures with volumes up to, and including 1375 m ³	Project ID 3046250	May 2013	Continuous	SPU
Machinery and combustion turbines in enclosures with volumes up to, and including 1375 m³	Project ID RR227988	Dec 2014	Continuous	GPU
Light hazard occupancies (Hazard Category 1 HC-1)	Project ID RR227988	Dec 2014	Continuous	GPU
Light hazard occupancies (Hazard Category 1 HC-1)	Project ID 3022984	Aug 2005	Continuous	SPU
Industrial Oil Cookers	Project ID 3054002	May 2022	Continuous	SPU+LPU
Wet benches and other processing equipment	Project ID 3006268	Jun 2001	Continuous	MAU
Computer room subfloors	Project ID 3011692	Jun 2001	Continuous	DAU
Data Center processing equipment rooms/halls	Project ID 3062619	May 2022	Continuous	SPU+LPU
Local application for flammable liquid hazards	Project ID 3062669	May 2022	Continuous	SPU+LPU
Machinery and combustion turbines in enclosures with volumes up to, and including 2300 m ³	Project ID 3057849	May 2022	Continuous	SPU+LPU
LPU FM approval	Project ID 3057849	Mar 2022	Continuous	LPU

^{*}Approval dates might correspond to re-certification dates, not necesarily original certification



Underwriters Laboratories Inc. / USA	No.	Issued at	Valid until	HI-FOG system
Ordinary Hazard 1 (US) type occupancies (HI-FOG 2000 sprinkler)	20120105-EX15843	Jan 2012	Continuous	SPU
Residential accupancies	20160704-EX15843	Jul 2016	Continuous	SPU

VdS / Germany - System approvals	Certificate	Issued at	Valid until	HI-FOG system
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 260 m³	S 4040002	Jun 2019	Jun 2023	MAU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 500 m³	S 4040003	Jun 2019	Jun 2023	GPU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 1375 m³	S 418009	Jun 2021	Jun 2025	GPU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 1375 m³ and cable tunnels*	S 418006	Sep 2018	Sep 2022	MSPU+ EPU+LPU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 1375 m ³	S 414005	Jun 2019	Jun 2025	MSPU+ EPU+LPU
Light and Ordinary Hazard I occupancies including HF3000 sprinkler	S 420003	Jun 2021	Jun 2025	GPU
Light and Ordinary Hazard I occupancies HF3000 sprinklers and including EPU&LPU	S420002	Jun 2021	Jun 2025	MSPU+ EPU+LPU
Light and Ordinary Hazard I occupancies (HF2000) without sidewall sprinklers and including OH2 parking garage*	S 418005	Sep 2018	Sep 2022	MSPU+ EPU+LPU
Ordinary Hazard 3 – selected occupancies	S 4070001	Mar 2022	Mar 2026	MSPU+ EPU+LPU
Automotive paint shops	S 418007	Mar 2022	Mar 2026	MSPU+ EPU+LPU
Flammable liquid storages	S 414006	Mar 2022	Mar 2026	MSPU+ EPU+LPU

^{*} Valid approvals at the moment but will be changed back to the previous model (Cable tunnel and Parking garage with stand-alone certificates)



VdS / Germany - Component approvals	Certificate	Issued at	Valid until	HI-FOG system
C10-57C/0 component approval	G418027	Sep 2022	Sep 2026	Sprinkler HF2000
C12-57C/0 component approval	G418028	Sep 2022	Sep 2026	Sprinkler HF2000
C20-57C/0 component approval	G418029	Sep 2022	Sep 2026	Sprinkler HF2000
C30-57C/0 component approval	G418030	Sep 2022	Sep 2026	Sprinkler HF2000
1N1MB6MB100A component approval	G418034	Sep 2022	Sep 2026	Sprinkler HF1000
1N1MC6MC10RA component approval	G418035	Sep 2022	Sep 2026	Sprinkler HF1000
1N1ME6MF10RA component approval	G418036	Sep 2022	Sep 2026	Sprinkler HF1000
1N1MC6MB100B component approval	G418037	Sep 2022	Sep 2026	Sprinkler HF1000
2N1MD6MC10RA component approval	G418039	May 2022	May 2026	Sprinkler HF1000
4S0008MC1000 component approval	G418040	Sep 2022	Sep 2026	Spray head
5S1MC8MC1000 component approval	G418041/G418042/G418044	Jul 2022	Jul 2026	Spray head
4S1MC8MB1000 component approval	G418046	Jun 2022	Jun 2026	Spray head
4S1MC8MC1000 component approval	G418048	Jun 2022	Jun 2026	Spray head



VdS / Germany - Component approvals	Certificate	Issued at	Valid until	HI-FOG system
GAHX-xxC	G420016	Jun 2020	Jun 2024	Sprinkler HF3000
GASX-xxC	G420008	Jun 2020	Jun 2024	Sprinkler HF3000
GARX-xxC	G420009	Jun 2020	Jun 2024	Sprinkler HF3000
GAVX-xxC	G420010	Jun 2020	Jun 2024	Sprinkler HF3000
GATX-xxC	G420011	Jun 2020	Jun 2024	Sprinkler HF3000
GAMX-xxC	G420012	Jun 2020	Jun 2024	Sprinkler HF3000
GABX-xxC	G420013	Jun 2020	Jun 2024	Sprinkler HF3000
GAJX-xxC	G420014	Jun 2020	Jun 2024	Sprinkler HF3000
GAKX-xxC	G420015	Jun 2020	Jun 2024	Sprinkler HF3000



RUSSIAN FEDERATION CERTIFICATE OF COMPLIANCE / Russia (РОССИЙСКАЯ ФЕДЕРАЦИЯ СЕРТИФИКАТ СООТВЕТСТВИЯ) (all RMRS are on hold due to UE sanctions)	No.	Issued at	Valid until	HI-FOG system
Machinery space 260 m³	RU C-FI.4C13.B.00384_21	Dec 2021	Dec 2026	MAU
Pump units: SPU (SPUD), mSPU and GPU*	С-FI.ПБ01.В.03033	Apr 2015	Apr 2020	General
Sprinklers	RU C-FI.4C13.B.00402_21	Dec 2021	Dec 2026	General
Spray heads	RU C-FI.4C13.B.00404_21	Dec 2021	Dec 2026	General
Section valves*	C-FI.4C13.B.00093	Aug 2015	Aug 2020	General
Ball valves*	C-FI.4C13.B.00095	Aug 2015	Aug 2020	General
Hydrant 378-242-69-K12.2/3.9-16S*	ССРП-FI.ЧС13.Н.00238	Jul 2016	Jul 2021	Hydrant
EPU Starter cabinet and release panel*	C-FI.4C13.B.00695	Jan 2017	Jan 2022	EPU

^{*} On hold-renewal process/conversion to Eurasian Economic Comunity -Technical Regulation certification (Valid in Russia, Belarus, Armenia, Kyrgyzstan and Kazakhstan)

CNBOP / Poland	Certificate number	Issued at	Valid until	HI-FOG system
National Technical Assessment (LPU, EPU, SPU, mSPU, SPUD)	KOT_2018_0045_1004 wyd 1	Apr 2018	Apr 2023	mSPU, EPU & LPU
Cert. of Constancy of Performance (LPU, EPU, SPU, mSPU, SPUD)	063-UWB-0106	Aug 2018	Apr 2023	mSPU, EPU & LPU
National Technical Assessment (GPU)	KOT_2017-0020-1004 wyd 1	Oct 2017	Oct 2022	GPU
Cert. of Constancy of Performance (GPU)	063-UWB-0079	Jan 2018	Oct 2022	GPU



KFV – Prüf- und Kontrollstelle / Austria	Certificate number	Issued at	Valid until	HI-FOG system
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 260 m ³	05-ÜB-102-734-RöRö.	Mar 2005	Continuous	MAU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 500 m ³	05-ÜB-102-743-RöRö.	Mar 2005	Continuous	GPU
Light and Ordinary Hazard I occupancies	05-ÜB-102-745-RöRö.	Mar 2005	Continuous	GPU

Zagrebinspekt / Croatia	Broj	Issued at	Valid until	HI-FOG system
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 260 m³	10/550-3-10	Jan 2011	Continuous	MAU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 500 m³	10/550-7-10	Jan 2011	Continuous	GPU
Light and Ordinary Hazard I occupancies	10/550-5-10	Jan 2011	Continuous	GPU
Light and Ordinary Hazard I occupancies	10/550-2-10	Jan 2011	Continuous	SPU
Cable tunnels	10/550-1-10	Jan 2011	Continuous	SPU
Ordinary Hazard 2 – parking garages	10/550-6-10	Jan 2011	Continuous	SPU
Ordinary Hazard 3 – selected occupancies	10/550-4-10	Jan 2011	Continuous	SPU



The Ministry of Public Security Fire Products Conformity Assessment Center / China (公安部消防产品合格评定中心)	No.	Issued at	Valid until	HI-FOG system
MSPU system with sprinklers*	Z2015081803000800	Jul 2019	Jul 2024	SPU
MSPU system with sprayheads*	Z2015081803000801	Jul 2019	Jul 2024	SPU

^{*} Certificates to be replaced by LPU-system certificates

Fire Services Department Licensing and Certification Command / Hong Kong	No.	Issued at	Valid until	HI-FOG system
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 260 m³	FP 206/1187	Aug 2002	Continuous	MAU

City of New York / USA	Certificate number	Issued at	Valid until	HI-FOG system
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 260 m³	MEA 28-99-E	Jan 2000	Continuous	MAU
Combustion turbines, machinery spaces, and special hazard machinery spaces in enclosures with volumes up to, and including 500 m³	MEA 5-11-051	May 2005	Continuous	GPU

Fire and Rescue Department - BOMBA / Malaysia	Certificate number	Issued at	Valid until	HI-FOG system
HI-FOG systems GPU/HF2000*	JBPM/IP/RNP:700-7/2/22-3	Jun 2021	Jun 2022	GPU+HF2000

^{*} Currently under renewal process

TZÙS / Czech Republic	Certificate number	Issued at	Valid until	HI-FOG system
General HI-FOG approval (SPU, mSPU, SPUD)	204/C5a/2021/080-024103	Jun 2021	Jun 2024	General

KFI (South Korea)	Certificate number	Issued at	Valid until	HI-FOG system
Spray head 5S1MC8MC1000	영문성능인증서 202001190	Nov 2020	Continuous	Spray head

