Republic of Bulgaria
Executive Agency
Bulgarian Accreditation Service

Signatory to the EA Multilateral Agreement in this fied

ORDER

№ A 25

Sofia, 16.01.2023

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies, in connection with item 5.3.1 of the BAS QR 2 Accreditation Procedure, report BAS QF 2.9.5.5. reg. № 86/51 ЛИ/ПА/28/В/14.12.2022 and EA BAS order reg. № A 24/16.01.2023, I hereby

AMEND

EA BAS order reg. № 663/17.11.2022, as an integral part of certificate of accreditation reg. № 51 ЛИ/17.11.2022, as follows:

Directorate general Fire Safety and Civil Protection,
Ministry of Interior,
Fire and Emergency Safety Testing Centre

Management address: 1309 Sofia, 171A, Pirotska Str.
Laboratory address: 1619 Sofia, 1, Ogneborets Str.

To perform testing of:

Type of the scope: *flexible for a part of the scope**

№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
1.	Non-load-bearing construction elements: - partition walls (1); - facades (suspended facades) and external walls (2); - suspended ceilings with their own fire resistance (3); - fire doors and	Resistance to fire: *I - Thermal Insulation:* - average increase of temperature; - maximum increase of temperature; *E- Impermeability:* - ignition of cotton swab; - cracks and openings; - combustion with resistant flame of the side unexposed to flames	БДС EN 1363-1 (1,2,3,4) БДС EN 1363-2 (2,3) БДС EN 1364-1 (1) БДС EN 1364-3 (2) БДС EN 1364-4 (2) БДС EN 1364-2 (3) БДС EN 1634-1+A1 (4)

52 A "Dr. G. M. Dimitrov" Blvd. 1797 Sofia Bulgaria
phone: +359 9766 401; fax: (+3592) 9766 415
e-mail: office@nab-bas.bg

Type of the scope: *flexible for a part of the scope**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
	closing devices (4)		
2.	Coatings. Determination of the fire protection capability	K-fire protection effect – increase in temperature	БДС EN 1363-1 БДС EN 14135
3.	Construction products, (items and construction elements)	3.1. Non-combustibility: - mass loss; - burning with a flame; - temperature increase.	БДС EN ISO 1182
		3.2. Combustion temperature	БДС EN ISO 1716
		3.3. Combustibility: - presence of ignition; - time for the flame to reach the mark; - presence of flaming drops and ignition of the filter paper.	БДС EN ISO 11925-2
		3.4. Burning behaviour - burnt length; - critical heat flux (CHF) at quench and/or heat flux, after 30 min (HF-30); - heat flux in the Xth minute (HF-*X*); - extinction time; - smoke density	БДС EN ISO 9239-1
4.	Textile	4.1. Burning behaviour: - presence of ignition up to 20 s	БДС EN 1101 БДС EN ISO 6940
		4.2. Burning behaviour: - flame application time; - time to burn the first marking thread; - time to burn the second marking thread; - time to burn the third marking thread; - flame propagation speed; - concomitant effects of burning.	БДС EN 1102 БДС EN ISO 6941
		4.3. Burning behaviour: - time to burn the first marking thread; - time to burn the second marking thread; - time to burn the third marking thread; - flame propagation speed; - presence of burning debris; - damaged length.	БДС EN 13772
5.	Thermal insulation materials	5.1. Burning behaviour: - burnt length - average value; - extinction time - average value; - burning rate - average value;	БДС EN ISO 3582

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№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		- mass loss - average value.	
		5.2. Characteristics of horizontal burning: - burnt length (*Ld*); - burning time (t_b); - elapsed time (t_e); - residual flame duration; - duration of flameless burning; - burning rate (*v*); - presence of cotton swab ignition.	БДС EN 9772
6.	Plastics	6.1 Burning behaviour: - duration of self-burning; - residual flame time; - residual glow/ smouldering time; - burned to holding bracket; - total residual flame time; - presence of burning particles; - cotton swab ignition; - whether or not it passes the 25 mm and 100 mm marks; - damaged length; - average linear velocity. - burning rate.	БДС EN 60695-11-10
		6.2 Burning behaviour: - first residual flame duration; - second residual flame duration; - total residual flame duration; - total residual flame duration for each series; - duration of flameless burning; - reaching the 125 mm mark; - cotton swab ignition.	БДС EN ISO 9773
7.	Fire extinguishing powders	7.1. Moisture content	БДС EN 615, Annex E
		7.2. Sieve analysis	БДС EN 615, Annex B, B.1. Method 1
		7.3. Resistance to caking and lumping	БДС EN 615, Annex C
		7.4. Chemical composition: - sodium bicarbonate; - monoammonium phosphate; - calcium carbonate.	БДС 2306, cl. 4.3; ILM -011-247/2004; ILM -012-178/2002
		7.5. Bulk density	БДС EN 615, Annex A
		7.6. Water repellency	БДС EN 615, Annex D
		7.7. Residue after emptying	БДС EN 3-7, Annex A
		7.8. Extinguishing efficiency	БДС EN 3-7, Annex I
8.	Foaming agents for extinguishing	8.1. Viscosity of foaming agent, at 20°C	БДС EN 1568-1,2,3,4, cl. 6.1;

Type of the scope: *flexible for a part of the scope**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
	fires: - for medium expansion foam suitable for surface application to water-immiscible liquids (1); - for high expansion foam suitable for surface application to water-immiscible liquids (2); - for low expansion foam suitable for surface application to water-immiscible liquids (3); - for low expansion foam for surface application to water-miscible liquids (4);		БДС EN ISO 3104, cl. 11 (1, 2, 3, 4)
		8.2. pH of the foaming agent	БДС EN 1568-1,2,3,4, cl. 7; БДС ISO 4316, cl. 7.2.3 (1, 2, 3, 4)
		8.3. Percentage of sediment content: - before aging; - after aging.	БДС EN 1568-1, 2, 3, 4, Annex C (1, 2, 3, 4)
		8.4. Expansion of foam	БДС EN 1568-1, 3, 4, Annex G (1, 3, 4)
		8.5. Foam drain time	БДС EN 1568-1, 3, 4, Annex G (1, 3, 4)
		8.6. Tempering of foaming agents	БДС EN 1568-1, 2, 3, 4, Annex E (1, 2, 3, 4)
		8.7. Small-scale testing of extinguishing capacity	БДС EN 1568-3, 4, Annex I (3, 4)
		8.8. Extinguishing capacity of foaming agents	БДС EN 1568-1, 2, 3, 4, Annex H (1, 2, 3, 4)
		8.9. Surface tension	БДС EN 1568-1, 2, 3, 4, cl. 8, (1, 2, 3, 4) БДС EN 14370, cl. 7 (1, 2, 3, 4)
9.	Portable fire extinguishers	9.1 Nominal quantity of extinguishing medium for charging	БДС EN 3-7, cl. 6.1
		9.2. Permissible deviations during filling - 1 kg of powder - 2 kg powder - ≥ 3 kg powder - for all other extinguishing media	БДС EN 3-7, cl. 6.2
		9.3. Remainder of the charged quantity.	БДС EN 3-7, cl. 7.2
		9.4. Extinguishing efficiency.	БДС EN 3-7, Annex I
		9.5. Minimum duration of action.	БДС EN 3-7, cl. 7
		9.6. Fire extinguisher mass.	БДС EN 3-7, cl. 8.1.2
		9.7. Start of discharge	БДС EN 3-7, cl. 7.3
		9.8. Range of action after "Temperature cycle A" and "Temperature cycle B": - start of discharge - duration of action (actual and maximum)	БДС EN 3-7, cl. 7.4

Type of the scope: *flexible for a part of the scope**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		- residue after discharge - for powder BC; - for all other substances.	
		9.9 Activation force: - for CO_2 fire extinguishers; - for fire extinguishers, other than those with CO_2	БДС EN 3-7, cl. 10.1 and cl. 10.2
		9.10 Safety devices	БДС EN 3-7, cl. 10.3
		9.11 Colour	БДС EN 3-7, cl. 16.1
		9.12 Marking	БДС EN 3-7, cl. 16.2
10.	Disposable fire blankets	10.1. Shape according to БДС EN 1869	ILM-021-61/1998, item 5.1
		10.2. Size according to БДС EN 1869	ILM-021-61/1998, item 5.1
		10.3. Time of taking out and unfolding according to БДС EN 1869	ILM-021-61/1998, item 5.5
		10.4 Taking out force according to БДС EN 1869	ILM-021-61/1998, item 5.5
		10.5. Flexibility according to БДС EN 1869	ILM-021-61/1998, item 5.7
		10.6. Construction according to БДС EN 1869	ILM-021-61/1998, item 5.2
		10.7. Mass according to БДС EN 1869	ILM-021-61/1998, item 5.3
		10.8. Gripping devices according to БДС EN 1869	ILM-021-61/1998, item 5.4
		10.9. Electrical resistance according to БДС EN 1869	БДС EN 1869, Annex B
		10.10. Oil fire characteristics according to БДС EN 1869	БДС EN 1869, Annex C
		10.11. Heptane fire characteristics according to БДС EN 1869	БДС EN 1869, Annex D
11.	Fire blankets, heavy type.	11.1. Shape	ILM-021-61/1998, item 5.1
		11.2. Size	ILM-021-61/1998, item 5.1
		11.3. Time of taking out and unfolding	ILM-021-61/1998, item 5.5
		11.4. Taking out force	ILM-021-61/1998, item 5.5
		11.5. Flexibility	ILM-021-61/1998, item 5.7

Type of the scope: *flexible for a part of the scope**			
№	**Tested Products**	**Type of Test/Characteristic**	**Testing methods (standard / validated method)**
1	**2**	**3**	**4**
		11.6. Construction	ILM-021-61/1998, item 5.2
		11.7. Mass	ILM-021-61/1998, item 5.3
		11.8. Thermal insulation	Ordinance 8121з-906, Annex 1
		11.9. Resistance to hot particles	ILM-021-61/1998, item 5.11
		11.10. Gripping devices	ILM-021-61/1998, item 5.4
		11.11. Electrical resistance	Ordinance 8121з-906, Annex 1
		11.12. Fire characteristics. Extinguishing capacity for extinguishing cooking oil	Ordinance 8121з-906, Annex 1
		11.13. Fire characteristics. Extinguishing capacity for extinguishing volatile liquids	Ordinance 8121з-906, Annex 1

***Flexible scope:**

Implementing a new version of standards/documents or standards / documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by the laboratory.

Flexible scope, reference:

Ordinance № 8121з-906/30.07.2015 on the requirements for fire-extinguishing products, the procedure of evaluation and certification of their compliance with such requirements, he obligations of manufacturers, importers and distributors of fire-extinguishing products and on the inspection procedure.

Fixed scope references:

ILM -021- 61/1998 Methodology for testing fire-extinguishing blankets.
ILM -011-247/2004 Methodology for determining the content of monoammonium phosphate.
ILM -012-178/2002 Determination of the content of calcium carbonate.

Accreditation for the purposes of the horizontal notification by essential characteristic according to Annex V.3 to Regulation (EU) № 305/2011/09.03.2011 laying down harmonised conditions for the marketing of construction products (fixed scope):

Type of the scope: *fixed*			
№	**Type of essential characteristics**	**Specification**	**Functions of the body**
1	**2**	**3**	**4**
1.	Resistance to fire	БДС EN 1364-1:2015 БДС EN 1364-2:2018 БДС EN 1364-3:2014 БДС EN 1364-4:2014 БДС EN 1634-2014+A1:2018 БДС EN 14135:2005	Testing

I ORDER

To issue the certificate of accreditation reg. № 51 ЛИ/16.01.2023, valid until 15.08.2026, and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received by the Manager/ representative of the Directorate general Fire Safety and Civil Protection, Ministry of Interior, the head of Fire and Emergency Safety Testing Centre at Directorate general Fire Safety and Civil Protection, Ministry of Interior, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 51 ЛИ/17.11.2022, valid until 15.08.2026 with enclosure, EA BAS order reg. № А 663/17.11.2022 an integral part of it.

This order shall be notified to the Directorate general Fire Safety and Civil Protection, Ministry of Interior, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS