



**ORDER**

**№ A 201**  
**Sofia, 31.03.2021**

Pursuant to Art. 10, para. 1, Item 4, Art. 28, para. 1 and Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies and the relevant item 4.3.7 of BAS QR 2 Accreditation Procedure in connection with open procedure with Reg. № 328/60 ЛИ/ПА/27.02.2020, evaluation report № 328/60 ЛИ/ПА/12/В/25.01.2021, Statement of the Accreditation Commission № 328/60 ЛИ/ПА/13/В/16.03.2021, I hereby

**RE-ACCREDIT**

**THE TESTING LABORATORY OF THE MINISTRY OF DEFENSE  
DEFENCE INSTITUTE "PROFESSOR TSVETAN LAZAROV"**

**Address of management:** 1592, Sofia, Bulgaria, "Professor Tzvetan Lazarov" 2 Blvd.

**Address of laboratory:** 1592, Sofia, Bulgaria, "Professor Tzvetan Lazarov" 2 Blvd.

**To perform testing of:**

**Scope type:** *flexible for part of the scope*

<b>№</b>	<b>Name of the products tested</b>	<b>Type of test / characteristic</b>	<b>Test methods (standard / validated method)</b>
1	2	3	4
1.	Electronic, radio and mechanical products, weapons and equipment.	1.1. Environmental testing. Test A. Cold. 1.1.1. Appearance, presence of external changes.	БДС EN 60068-2-1
		1.2. Environmental testing. Test B. Dry heat (up to + 85 °C). 1.2.1. Appearance, presence of external changes.	БДС EN 60068-2-2
		1.3. Environmental testing. Test Db: Damp heat, cyclic (12 h + 12 h cycle). 1.3.1. Appearance, presence of external changes.	БДС EN 60068-2-30
		1.4. Environmental testing. Test N: Change of temperature (Test Na and Nb; up to + 85 °C).	БДС EN 60068-2-14

Scope type: <i>flexible for part of the scope</i>			
Pos. No.	Name of the products tested	Type of test / characteristic	Test methods (standard / validated method)
1	2	3	4
		1.4.1. Appearance, presence of external changes.	
		1.5. Environmental testing. Test Ka. Salt mist. 1.5.1. Appearance, presence of external changes.	БДС EN 60068-2-11
		1.6. Environmental testing. Test M: Low air pressure (13,33 кPa to 66,66 кPa). 1.6.1. Appearance, presence of 1.7. Testing the Impact of external factors. Frost and dew impact test. 1.7.1. Appearance, presence of external changes.	БДС EN 60068-2-13  БДС 16487
2.	Enclosures of electrical equipment with a declared voltage not exceeding 72,5 кV	2.1. Degrees of protection provided by enclosures (IP Code). Degrees of protection against water penetration, indicated by a second characteristic figure. 2.1.1 Appearance. Visual inspection	БДС 60529+A1, т. 14
3.	Personal body armour	3.1 Ballistic Resistance. Personal Body Armor type I, II, IIIA, III, Special Type. 3.1.1. Complete/partial penetration by a bullet or by a fragment (bullet or part of armour plate/insert). 3.1.1 Signature depth (greater than / less than 44 mm).	NIJ Standard 0101.04:2001
		3.2. Stab Resistance. Protection Level 1 and 2. 3.2.1. Penetration Depth for: - level 1/E1 and 2/E1 up to 7 mm; - level 1/E2 and 2/E2 up to 20 mm.	NIJ Standard - 0115.00:2000
4.	Personal armour materials and combat clothing.	4.1. Ballistic method for assessment of V50 with a fragment simulator. Annex A, A3 with a mass of 1.1 g. 4.1.1. Velocity V50. Data on shots used in the velocity assessment.	STANAG 2920 Ed.3:2015

#### Flexible scope

"The introduction of a new version of the standards or standards that supersede them is permitted. The laboratory maintains an up-to-date list of standards with their dated versions".

#### Fixed scope

##### **References:**

NIJ Standard - 0101.04:2001 Ballistic Resistance of Personal Body Armor.

NIJ Standard - 0115.00:2000 Stab Resistance of Personal Body Armor.

STANAG 2920 Ed.3:2015 NATO - Military Agency for Standardization (MAS). Ballistic Test Method for Personal Armour Materials and Combat Clothing.

## I HEREBY ORDER

To issue the Certificate of accreditation reg. № 60 ЛИ of 31.03.2021 valid until 31.03.2025 and this order enclosed as an integral part of it.

The Certificate of accreditation with the enclosure should be obtained from the Head/Representative of the Defence Institute "Professor Tsvetan Lazarov", Sofia, the head of the Testing Laboratory of the Ministry of Defense or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited CAB is obliged to return to EA BAS the originals of Certificate of accreditation reg. № 60 ЛИ of 25.06.2019, valid until 28.10.2020 and the enclosure Order for accreditation № A 234/25.06.2019 of EA BAS.

This Order shall be notified to legal entity / sole within 3 (three) days from its issuance.

**Eng. Irena Borislavova**  
*Executive Director of Executive Agency  
"Bulgarian Accreditation Service" OF*

