



REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 443

Sofia, 29.11.2024

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 28, Art. 30 para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, items 6 and 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 27/66 ЛИ/ПА/РО/03.04.2024, assessment report reg. № 27/66 ЛИ/5/В/28.06.2024, annex reg. № 27/66 ЛИ/9/В/15.08.2024 and statement of the Accreditation Commission reg. № 27/66 ЛИ/ПА/РО/11/В/28.10.2024, I hereby

RE-ACCREDIT AN EXTEND THE SCOPE OF ACCREDITATION

**of SAMEL-90 PLC, SAMOKOV
TESTING LABORATORY**

Management and laboratory address: 2000, Samokov, 18 Prespa 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.	Radio equipment, telecommunication terminal equipment, electrical, mechanical and optical products.	1.1. Environment resistance test. Test A: Cold 1.1.1. outward appearance, availability of external changes; 1.1.2. Functionality during the test and after it.	БДС EN 60068-2-1
		1.2. Environment resistance test. Test B: Dry heat 1.2.1. outward appearance, availability of external changes; 1.2.2. Functionality during the test and after it.	БДС EN 60068-2-2
		1.3. Environment resistance test. Test N: Temperature changes 1.3.1. outward appearance, availability of external changes; 1.3.2. Functionality during the test and after it.	БДС EN 60068-2-14
		1.4. Environment resistance test.	БДС EN 60068-2-30

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

Nº	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		1.10.1. outward appearance, availability of external changes; 1.10.2. Functionality during the test and after it.	
		1.11 Degrees of protection provided by the enclosure for electrical equipment against external mechanical impacts (IK code)	БДС EN 62262 БДС EN 62262/A1
2.	Electrotechnical devices operating at a voltage not higher than 1 kV A.C. or 1,5 kV D.C.	2.1 Test the electrical strength of the AC voltage insulation. Testing of electrical insulation strength with constant and alternating voltage	БДС EN 61180 cl. 5 and cl. 6
3.	Active wideband equipment for coaxial cable networks up to 900 MHz	3.1.Frequency range. 3.2.Reinforcement. 3.3. Unevenness of amplitude-frequency characteristic.	БДС EN 60728-3 cl. 5.4 cl. 5.6 cl. 5.7
4.	Passive wideband equipment for coaxial cable networks up to 900 MHz	4.1. Attenuation. 4.2. Transient attenuation. 4.3.Disolution	БДС EN 60728-4 cl. 4.1 cl. 4.2 cl. 4.3
5.	Electronic transformers for power supply of lightings from 10 W up to 105 W	5.1. Output voltage. 5.2.Full power. 5.3.Power factor. 5.4.Supply current.	БДС EN 61047 cl. 7 cl. 8 cl. 9 cl. 10
6.	Field telephone devices (TAP).	6.1. Electrical tests: 6.1.1. Input resistance 6.1.2. Attenuation 6.1.3. Own noise level 6.1.4. Consumption. 6.2. Electroacoustic tests 6.2.1. Transmission coefficient and frequency response. 6.2.2. Coefficient of acceptance 6.2.3. Sound pressure level and protection against acoustic shock. 6.3. Safety test 6.3.1. Electrical resistance of the insulation 6.3.2. Electrical strength of the insulation 6.4. Telephonometric tests: Local effect, at load with output line with attenuation 20dB for frequency 800Hz.	ВЛМИ № 2/2006 item 4.2.2 item 4.2.3 item 4.2.4 item 4.2.5 item 4.4.1; item 4.4.2 item 4.4.3 item 4.4.4; item 4.4.5 item 4.5.1 item 4.5.2 item 4.3.1
7.	Jamming transmitters	7.1. Electrical tests: 7.1.1. Frequency range 7.1.2. Power supply voltage	ВЛМИ № 3/2006 item 4.2.5 item 4.2.1

I ORDER

To issue the certificate of accreditation reg. № 66 ЛИ/29.11.2024, valid until 29.11.2028, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the director of SAMEL-90 PLC, Samokov, the head of Testing Laboratory at SAMEL-90 PLC, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 66 ЛИ/30.11.2020, valid until 30.11.2024 and its enclosure – EA BAS order reg. № A 704/30.11.2020.

This order shall be notified to ~~SAMEL~~-90 PLC, Samokov within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

