



EXECUTIVE AGENCY
BULGARIAN ACCREDITATION SERVICE

BAS reg. № 14 ЛИ

From: 21.06.2022

Valid until: 30.07.2025

CERTIFICATE OF ACCREDITATION

PULP AND PAPER INSTITUTE SA

Central Analytical Laboratory

Management and Laboratory address:

1528 Sofia, R. A. Gara Iskar, 8 Poruchick Nedelcho Bonchev Str.

UIC: 831388726

Scope of accreditation

To perform testing of:

Pulps.

Papers and boards.

Corrugated boards.

Solid or corrugated board packages.

ACCREDITED ACCORDING TO БДС EN ISO/IEC 17025:2018

Order № A 387/21.06.2022 is an integral part of the Certificate of Accreditation, total 4 pages.

Date of initial accreditation: 08.11.2002

Date of re-accreditation: 30.07.2021

Executive Director:

Eng. Irena Borislavova



BG 2 0 2 2 1 7 6



ORDER

№ A 387

Sofia, 21.06.2022

Pursuant to Art. 10, para. 1, item 2, of the Law on National Accreditation of Conformity Assessment Bodies, assessment report reg. № 342/14 ЛИ/17/В/23.05.2022, and EA BAS order reg. № A 386/21.06.2022, I hereby

AMEND

EA BAS order № A 453 /30.07.2021 of

**PULP AND PAPER INSTITUTE SA
Central Analytical Laboratory**

Management and Laboratory address:

1528 Sofia, R. A. Gara Iskar, 8 Poruchick Nedelcho Bonchev Str.

To perform testing of:

Type of the scope: flexible for part of the scope*			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
1.	Pulps	1.1 Drainability	БДС EN ISO 5267-1
		1.2 Dirt	БДС EN ISO 5350-2 БДС EN ISO 5350-1
		1.3 Tensile properties	БДС EN ISO 1924-2 БДС ISO 1924-3
		1.4 Bursting strength	БДС EN ISO 2758 БДС EN ISO 2759
		1.5 ISO Brightness C/2° D65/10°	ISO 2470-1 ISO 2470-2
		1.6 pH of aqueous extracts	БДС ISO 6588-1 БДС ISO 6588-2
		1.7 Dry matter content	БДС EN ISO 638-1
		1.8 Ash content	БДС ISO 2144 БДС ISO 1762
		1.9 Ring crush compressive strength	БДС ISO 12192
		1.10 Flat crush resistance after laboratory fluting	БДС EN ISO 7263-1
		1.11 Folding endurance	БДС 8201
		1.12 Air-tightness Schopper method	БДС 4951
2.	Papers and boards	2.1 Grammage	БДС EN ISO 536

Type of the scope: flexible for part of the scope*			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
			БДС EN ISO 12625-6
		2.2 Thickness, density and specific volume	БДС EN ISO 534
		2.3 Moisture content	БДС EN ISO 287
		2.4 Ash content	БДС ISO 2144 БДС ISO 1762
		2.5 Content of fibrous materials	БДС 8658
		2.6 Water absorptiveness Cobb method	ISO 535
		2.7 Dimensional change after immersion in water	БДС 5576 ISO 5635
		2.8 Smoothness Bekk method	БДС ISO 5627
		2.9 Roughness Bedtsen method	БДС 17367
		2.10 Air-tightness Schopper method	БДС 4951
		2.11 Oil absorbing capacity	БДС 10823
		2.12 pH of aqueous extracts	БДС ISO 6588-1 БДС ISO 6588-2
		2.13 pH of covering layer	БДС 9863
		2.14 ISO Brightness C/2° D65/10°	ISO 2470-1 ISO 2470-2
		2.15 CIE-Whiteness, C/2°	ISO 11476
		2.16 CIE-Whiteness, D65/10°	ISO 11475
		2.17 Opacity	БДС ISO 2471
		2.18 Estimation of contraries	БДС EN ISO 15755
		2.19 Bursting strength	БДС EN ISO 2758 БДС EN ISO 2759
		2.20 Folding endurance	БДС 8201
		2.21 Tensile properties	БДС EN ISO 1924-2 БДС ISO 1924-3
		2.22 Flat crush resistance after laboratory fluting	БДС EN ISO 7263-1
		2.23 Ring crush compressive strength	БДС ISO 12192
		2.24 Crep	БДС 9573
		2.25 Present of alkali and acid	БДС 9573
		2.26 Capillary rise Klemm method	БДС ISO 8787
		2.27 Tensile strength, stretch at break and tensile energy absorption	БДС EN ISO 12625-4
		2.28 Wet tensile strength	БДС EN ISO 12625-5
		2.29 Moisture content of paper for recycling	ВЛМ 3:2010
		2.30 Content of non-papers unwanted materials in paper for recycling	ВЛМ 3:2010
		2.31 Bending stiffness	БДС ISO 5628
3.	Corrugated boards	3.1 Grammage	БДС EN ISO 536
		3.2 Moisture content	БДС EN ISO 287
		3.3 Grammage of component papers after separation	БДС ISO 3039
		3.4 Bending stiffness	БДС ISO 5628
		3.5 Edgewise crush resistance	БДС EN ISO 3037
		3.6 Bursting strength	БДС EN ISO 2759
		3.7 Flat crush resistance	БДС EN ISO 3035
		3.8 Water absorptiveness Cobb method	ISO 535

Type of the scope: <i>flexible for part of the scope*</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
4.	Solid or corrugated board packaging	Compression test	БДС EN ISO 12048, cl.7.1

***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 laboratory.*

Fixed scope

References:

1. ВЛМ 3 (Intra Laboratory Method) ВЛМ 3/20.10.2010 Papers for recycling. Acceptance rules. Sampling. Test methods.

I ORDER

To issue the Certificate of accreditation reg. № 14 ЛИ/21.06.2022, valid until 30.07.2025, and this order as an integral part of it.

The Certificate of accreditation with the enclosure to be received at the office of EA BAS by the Manager / representative of the Pulp and paper institute SA, the head of Central Analytical Laboratory at Pulp and paper institute SA, 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 № 14 ЛИ / 30.07.2021, valid until 30.07.2025 and its enclosure – EA BAS order reg. № A 453/30.07.2021.

This order shall be notified to the Central Analytical Laboratory at Pulp and paper institute SA, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

