



EXECUTIVE AGENCY
BULGARIAN ACCREDITATION SERVICE

BAS reg. № 14 ЛИ

From: 31.01.2020

Valid until: 31.05.2021

CERTIFICATE OF ACCREDITATION

**PULP AND PAPER INSTITUTE SA
CENTRAL ANALYTICAL LABORATORY**

Address of management and laboratory:
8, Poruchick Nedelcho Bonchev Street; 1528 Sofia

UIC: 831 388 726

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 71/31.01.2020 is an integral part of Certificate of Accreditation, 4 pages totally.

Date of initial accreditation: 08.11.2002

Date of re-accreditation: 31.05.2017

1797 Sofia, "Dr. GM Dimitrov" № 52 A, 7th floor
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ORDER

№ A 71

Sofia, 31.01.2020

Pursuant to art. 10, paragraph 1, item 2 of the Law for the National Accreditation of Conformity Assessment Bodies, and and Item 5.3.1 in connection with a change in the certificate's contents, as per item 4.3.8 e) of the Accreditation Procedure BAS QR 2, Assessment Report Entry Reg. № 342/14 ЛИ/22/В/17.10.2019 and Order of EA BAS № 70/31.01.2020

I AMEND

Order № 180/31.05.2017 as follows:

**PULP AND PAPER INSTITUTE SA
CENTRAL ANALYTICAL LABORATORY**

Address of management and laboratory:
8, Poruchick Nedelcho Bonchev Street; 1528 Sofia

I. To perform testing of:

No	Tested Products	Test / Characteristic	Test Method (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	ISO 2470-1 ISO 2470-2
		1.6 pH of aqueous extracts	БДС 8947 БДС ISO 6588-1 БДС ISO 6588-2
		1.7 Dry matter content	БДС EN ISO 638
		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 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 Bendtsen 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 8947 БДС ISO 6588-1 БДС ISO 6588-2
	2.13 pH of covering layer	БДС 9863
	2.14 ISO Brightness - C/2 ⁰ - D65/10 ⁰	ISO 2470-1 ISO 2470-2
	2.15 CIE-Whiteness, C/2 ⁰	ISO 11476
	2.16 CIE-Whiteness, D65/10 ⁰	ISO 11475
	2.17 Opacity	БДС ISO 2471
	2.18 Estimation of contraries	БДС EN ISO 15755
	2.19 Bursting strength	БДС EN ISO 2759 БДС EN ISO 2758
	2.20 Folding endurance	БДС 8201
	2.21 Tensile properties	БДС EN ISO 1924-2 БДС ISO 1924-3
	2.22 Flat crush resistance	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 ₁)
	2.30 Content of non-papers unwanted materials in paper for recycling	ВЛМ 3 ₁)

3.	Corrugated boards	2.31 Bending stiffness	БДС ISO 5628
		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
4.	Solid or corrugated board packages	4.1. Compression test	БДС EN ISO 12048, cl.7.1

Reference:

- 1) ВЛМ 3 (Intra Laboratory Method) ВЛМ 3/20.10.2010 Papers for recycling.

Acceptance rules. Sampling. Test methods.

I ORDER

To issue Certificate of accreditation with Reg. № 14 ЛИ of the 31.01.2020, valid until the 31.05.2021, with the attached Order as an integral part of it.

The Certificate of accreditation with the application shall be received by the Director of the Pulp and Paper Institute SA - Sofia, the head of the Central Analytical Laboratory with the Pulp and Paper Institute SA - Sofia or by another authorized person from the building of EA BAS.

Upon receipt of the certificate and the application the accredited body must return to EA BAS the originals of Certificate of accreditation Reg. № 14 ЛИ of the 31.05.2017, valid until the 31.05.2021 and the attached Order of EA BAS № A 180/31.05.2017.

Director of the Pulp and Paper Institute SA - Sofia, should be informed about this Order within 3 days of its issue.

Eng. Irena Borislavova

Executive Director of Executive Agency "Bulgarian Accreditation Service"

