REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 402

Sofia, 16.12.2025

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies and EA BAS order reg. № A 401/16.12.2025, I hereby

AMEND

EA BAS order reg. № A 236/15.07.2025

BRIKEL AD
SOLID FUELS TESTING LABORATORY

Management and laboratory address:
6280 Galabovo, Stara Zagora Region

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.	Lignite. Brown coal. Lignite briquettes.	1.1. Total moisture 1.2. Inherent moisture	БДС ISO 5068-1 *ВМ №1:20.11.2024 БДС ISO 5068-2
		1.3. Ash - As-received basis - Dry basis	БДС ISO 1171 БДС ISO 1170
		1.4. Heat value - Upper (As-received basis, Dry basis) - Lower (As-received basis, Dry basis)	БДС ISO 1928
		1.5. Volatile matter - As-received basis - Dry basis - Dry ash-free basis	БДС ISO 5071-1 БДС ISO 1170
		1.6. Total sulfur - As-received basis - Dry basis	БДС ISO 334 БДС ISO 19579 БДС ISO 1170
		1.7. Total carbon - As-received basis - Dry basis	БДС ISO 29541 БДС ISO 1170
2.	Black coal and anthracite	2.1. Total moisture 2.2. Inherent moisture	БДС ISO 589 *ВМ №1:20.11.2024 *ВМ №1:20.11.2024
		2.3. Ash - As-received basis - Dry basis	БДС ISO 1171 БДС ISO 1170
		2.4. Heat value - Upper (As-received basis, Dry basis) - Lower (As-received basis, Dry basis)	БДС ISO 1928

52 A "Dr. G. M. Dimitrov" Blvd. 1797 Sofia Bulgaria
phone: +359 2 9766 401; fax: +359 2 873 53 02
e-mail: office@nab-bas.bg; web: www.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
		2.5. Volatile matter - As-received basis - Dry basis - Dry ash-free basis	БДС ISO 562 БДС ISO 1170
		2.6. Total sulfur - As-received basis - Dry basis	БДС ISO 334 БДС ISO 19579 БДС ISO 1170
		2.7. Total carbon - As-received basis - Dry basis	БДС ISO 29541 БДС ISO 1170
3.	Coke	3.1. Total moisture 3.2. Inherent moisture	БДС ISO 579 БДС ISO 687
		3.3. Ash -As-received basis -Dry basis	БДС ISO 1171 БДС ISO 1170
		3.4. Heat value -Upper (As-received basis, Dry basis) -Lower (As-received basis, Dry basis)	БДС ISO 1928
		3.5. Volatile matter - As-received basis - Dry basis - Dry ash-free basis	БДС ISO 562 БДС ISO 1170
		3.6. Total sulfur - As-received basis - Dry basis	БДС ISO 334 БДС ISO 19579 БДС ISO 1170
4.	Charcoal and charcoal briquettes for grilling	4.1. Total moisture 4.2. Inherent moisture	БДС ISO 579 *ВМ №1:20.11.2024 БДС ISO 687
		4.3. Ash -As-received basis -Dry basis	БДС ISO 1171 БДС ISO 1170
		4.4. Heat value - Upper (As-received basis, Dry basis) - Lower (As-received basis, Dry basis)	БДС EN ISO 18125
		4.5. Volatile matter - As-received basis - Dry basis - Dry ash-free basis	БДС ISO 562 БДС ISO 1170
		4.6. Total sulfur - As-received basis - Dry basis	БДС ISO 19579 БДС ISO 1170
		4.7. Fixed carbon	БДС EN 1860-2
		4.8. Total carbon - As-received basis - Dry basis	БДС EN ISO 16948 БДС ISO 1170
5.	Solid biofuels (biomass, briquettes and pellets)	5.1. Total moisture 5.2. Inherent moisture	БДС EN ISO 18134-2 *ВМ №1:20.11.2024 БДС EN ISO 18134-3
		5.3. Ash - As-received basis - Dry basis	БДС EN ISO 18122 БДС EN ISO 16993
		5.4 Heat value - Upper (As-received basis, Dry basis)	БДС EN ISO 18125

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
		- Lower (As-received basis, Dry basis)	
		5.5 Volatile matter - As-received basis - Dry basis - Dry ash-free basis	БДС EN ISO 18123 БДС EN ISO 16993
		5.6. Total sulfur - As-received basis - Dry basis	БДС EN ISO 16994, Method A БДС ISO 19579 БДС EN ISO 16993
		5.7. Total carbon - As-received basis - Dry basis	БДС EN ISO 16948 БДС EN ISO 16993
6.	Flyash	6.1. Ash	БДС ISO 1171
7.	Shaly clay	7.1. Total moisture 7.2. Inherent moisture	*ВМ №1:20.11.2024 *ВМ №1:20.11.2024
		7.3. Ash - As-received basis - Dry basis	БДС ISO 1171 БДС ISO 1170
		7.4. Heat value - Upper (As-received basis, Dry basis) - Lower (As-received basis, Dry basis)	БДС ISO 1928

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.*

Fixed scope references:
*ВМ №1:20.11.2024 Determination of moisture content using a moisture analyzer.

I ORDER

To issue the certificate of accreditation reg. № 106 ЛИ/16.12.2025, valid until 15.07.2029, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the executive director of Brikel AD, the head of the Solid Fuels Testing Laboratory at Brikel AD, 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 reg. № 106 ЛИ/15.07.2025 and its enclosure – EA BAS order reg. № А 236/15.07.2025.

This order shall be notified to the Brikel AD, within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive agency Bulgarian accreditation service