



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 335

Sofia, 31.10.2025

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 28, para. 1, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 6 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 150/237 ЛИ/ПА/РО/04.03.2025, report reg. № 150/237 ЛИ/2/В/10.09.2025 and Statement of the Accreditation Commission reg. № 150/237 ЛИ/ПА/РО/5/В/01.10.2025, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION

OF

**BOBOV DOL THERMAL POWER PLANT AD
COAL LABORATORY**

Management and laboratory address: 2635 Golemo Selo, Kyustendil Region

To perform testing of:

Type of the scope: <i>flexible for a part of the scope</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
1.	Solid fuels: Lignite coal (1) Brown coal (2) Hard coal (3) Oil shale (4)	1.1. Ash - working state of the fuel; - dry state of the fuel;	БДС ISO 1171 (1,2,3,4) БДС ISO 1170
		1.2. Total moisture	БДС ISO 5068-1 (1,2) БДС ISO 589 (3) VLM 3:07.11.2024 (4)
		1.3. Moisture in sample for analysis	БДС ISO 5068-2 (1,2) БДС ISO 11722 (3) VLM 3:07.11.2024 (4)
		1.4. Heat of combustion - upper (fuel operational condition; fuel dry condition) - lower (fuel operational condition; fuel dry condition)	БДС ISO 1928 (1, 2, 3, 4) БДС ISO 1170
		1.5. Volatile substances - working state of the fuel; - dry state of the fuel; - dry ashless state of the fuel	БДС ISO 5071-1 (1,2) БДС ISO 1170 БДС ISO 562 (3) БДС ISO 1170
		1.6. Total sulfur - working condition of the fuel; - dry condition of the fuel; - dry ashless condition of the fuel	БДС ISO 334 (1,2,3) БДС ISO 1170

Type of the scope: <i>flexible for a part of the scope</i>			
№	Tested Products	Type of Test/Characteristic	Testing methods (standard / validated method)
1	2	3	4
2.	Solid biofuels: (Biomass, Briquettes, Pellets)	2.1. Total moisture	БДС EN ISO 18134-2 VLM 3:07.11.2024
		2.2. Analytical moisture	БДС EN ISO 18134-3
		2.3. Ash - working condition - dry condition	БДС EN ISO 18122 БДС ISO 16993
		2.4. Volatile substances - working state; - dry state; - dry ashless state	БДС EN ISO 18123 БДС ISO 16993
		2.5. Total sulfur - working condition; - dry condition	БДС EN ISO 16994, cl. 4.4. VLM 1:07.06.2023 БДС ISO 16993
		2.6. Calorific value - upper (working condition; dry condition) - lower (working condition; dry condition)	БДС EN ISO 18125 БДС ISO 16993
		2.7. Total carbon - working condition; - dry condition	VLM 2:07.06.2023 БДС ISO 16993

To perform sampling of:

Type of the scope: <i>flexible</i>		
№	Product	Sampling Methods (standardized/validated)
1	2	3
1.	Brown and lignite coal	БДС ISO 5069-1* cl. 4.2 and cl. 4.3. БДС ISO 5069-2*
2.	Coal Lignite coal (1) Brown coal (2) Hard coal (3)	БДС ISO 18283 (1,2,3)

**Repealed but not replaced standard.*

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:

1. VLM 1:07.06.2023 In-house laboratory method for determining of the sulphur content by infrared spectrometry ELTRA CS 530;
2. VLM 2:07.06.2023 In-house laboratory method for determining of the carbon content by infrared spectrometry ELTRA CS 530.
3. VLM 3:07.11.2024 In-house laboratory method. Determination of moisture content by moisture analyzer.

I ORDER

To issue the certificate of accreditation reg. № 237 ЛИ/31.10.2025, valid until 31.10.2029 and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the executive director of Bobov Dol Thermal Power Plant AD, the head of the Coal laboratory, at Bobov Dol Thermal Power Plant 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 № 237 ЛИ/28.11.2023, valid until 01.11.2025 and its enclosure, EA BAS order reg. № A 490/28.11.2023.

This order shall be notified to Bobov Dol Thermal Power Plant AD, within 3 (three) days from its issuance.

Eng. Mariya Ilieva-Yordanova

Executive Director

of Executive agency Bulgarian accreditation Service

