REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 320

Sofia, 08.10.2025

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies in connection with item 4.3.8 f) of the BAS QR 2 Accreditation Procedure, assessment report reg. № 282/178 ЛИ/12/В/16.09.2025 and EA BAS order reg. № A 319/08.10.2025, I hereby

AMEND

EA BAS order reg. № A 89/28.02.2024

PETROL-CONTROL EOOD
TESTING LABORATORY FOR WATER, SOLVENTS AND PETROLEUM PRODUCTS

Management address:
7005 Ruse, Zdravets-Sever, Rupel Residential Building, Entr. B, Floor 7, Apt. 9

Laboratory address:
7000 Ruse, Slatina, East Industrial Zone

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
I.	FUELS		
I.1	Diesel engines fuel.	1. Density, g/cm^3	БДС EN ISO 3675
		2. Cetane index	БДС EN ISO 4264
		3. Distillation characteristics -50% distil at, °C -90% distil at, °C -95% distil at, °C -at 250°C distil -at 350°C distil	БДС EN ISO 3405 (Manual Method)
		4. Kinematic viscosity, mm^2/s	БДС EN ISO 3104
		5. Cold filter plugging point (CFPP), °C	БДС EN 116/ Amendment 1

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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
			(Manual Method)
		6. Cloud point °C	БДС EN ISO 3015
		7. Flash point in closed cup, Pensky-Martens, °C	БДС EN ISO 2719/A1 (Procedure A)
I.2	Automobile fuels- Fatty Acid- Methyl Ester Content (FAME) (Biodiesel fuel)	1. Density, g/cm^3	БДС EN ISO 3675
		2. Cetane index	БДС EN ISO 4264
		3. Destination characteristics -50% distil at, °C -90% distil at, °C -95% distil at, °C -at 250°C distil -at 350°C distil	БДС EN ISO 3405 (Manual Method)
		4. Kinematic viscosity, mm^2/s	БДС EN ISO 3104
		5. Cold filter plugging point (CFPP), °C	БДС EN 116/ Amendment 1 (Manual Method)
		6. Cloud point, °C	БДС EN ISO 3015
		7. Flash point, °C	БДС EN ISO 2719/A1 (Procedure C)
I.3	Automobile fuels. Unleaded Gasoline.	1. Density, g/cm^3	БДС EN ISO 3675
		2. Destination characteristics: - at 70°C distil, vol., % - at 100°C distil, vol., % - at 150°C distil, vol., % - distillation residue, vol., %	БДС EN ISO 3405 (Manual Method)
I.4.	Boiler fuel.	1. Density, g/cm^3	БДС EN ISO 3675
		2. Ash content, in mass %	БДС EN ISO 6245
		3.Water soluble acids and bases	БДС 5252
		4. Freezing point, °C	БДС 1751
		5. Pour point, °C	БДС EN ISO 3016
II.	SOLVENTS		
II.1.	Extraction gasoline, gasoline solvent for rubber industry, turpentine mineral, petroleum ether, solvent aromatic "Arizol"	1. Density, g/cm^3	БДС EN ISO 3675
		2. Distillation characteristics: - initial boiling point, °C - at 110°C distil, vol., % - at 120°C distil, vol., % - distillation residue, vol., %	БДС EN ISO 3405 (Manual Method)
III.	OILS		
III.1	Oils: motor, hydraulic, transmission, gear,	1. Kinematic viscosity, mm^2/s	БДС EN ISO 3104
		2. Viscosity index	БДС ISO 2909
		3. Freezing point, °C	БДС 1751

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
	transformer, industrial, general-purpose machines	4. Sulfate ash, %	БДС ISO 3987
IV.	WATER		
IV.1	Water: Waste, Surface	1. pH	БДС 17.1.4.27
		2. Sulfates;	ЛМ-КЗ_03/13
		3. Nitrates;	ЛМ-КЗ_04/13
		4. Phosphates;	ЛМ-КЗ_01/13
		5. Chlorides;	ЛМ-КЗ_06/13
		6. Chemical Oxygen Demand (COD),	ЛМ-КЗ_11/13
		7. Biochemical Oxygen Demand (BOD),	БДС EN ISO 5815-1 БДС EN 1899-2
		8. Dissolved oxygen	БДС EN 25813
		9.Undissolved substances;	БДС 17.1.4.04

To perform sampling of:

Type of the scope: *Flexible**		
№	**Products**	**Sampling method (standardized / validated)**
1	2	3
1.	Water: 1) Waste, 2) Surface.	БДС ISO 5667-10 БДС EN ISO 5667-6

***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 CAB.*

Fixed scope - references:

1. ЛМ-КЗ_03/13 – Spectrophotometric method for determination of sulfates in water using power reagent Sulfa Ver®.

2. ЛМ-КЗ_04/13 – Spectrophotometric method for determination of nitrates in water using 2,6 dimethylphenol.

3. ЛМ-КЗ_01/13 – Spectrophotometric method for determination of phosphates in water using ammonium molybdate.

4. ЛМ-КЗ_06/13 – Spectrophotometric method for determination of chlorides in water using mercury thiocyanate.

5. ЛМ-КЗ_11/13 – Spectrophotometric method for determination of Chemical Oxygen Demand COD (5-60) mg O2/l in water.

I ORDER

To issue the certificate of accreditation reg. № 178 ЛИ/08.10.2025, valid until 28.02.2028, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the Manager/representative of Petrol-Control EOOD, the head of Testing laboratory for water, solvents and petroleum products, 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. 178 ЛИ/28.02.2024, valid until 28.02.2028 and its enclosure – EA BAS order reg. № А 89/28.02.2024.

This order shall be notified to Petrol-Control EOOD, solvents and petroleum products at Petrol-Control EOOD, within 3 (three) days from its issuance.

Eng. Mariya Ilieva-Yordanova

Executive Director
of Executive agency Bulgarian accreditation service