REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 64

Sofia, 27.02.2026

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies, in connection with amendment of an element of the certificate content, according to item 4.3.8. f) of the BAS QR 2 Accreditation Procedure, and EA BAS order reg. № A 63/27.02.2026, I hereby

AMEND

EA BAS order reg. № A 40/05.02.2026 to certificate of accreditation reg. № 35 ЛИ/05.02.2026, valid until 30.10.2028 as follows:

STATE AGENCY FOR METROLOGICAL AND TECHNICAL SURVEILLANCE

TESTING LABORATORY FOR LIQUID FUELS, LUBRICANTS AND ADDITIVES IN DIRECTORATE GENERAL QUALITY CONTROL OF LIQUID FUELS

Management address: 1797 Sofia, 52A G. M. Dimitrov Blvd.

Laboratory addresses: I. Sector Stationary Laboratory – Sofia:
Office 1 - 1784 Sofia, Mladost 1, R. A. Poligona, 2 Prof. Petar Mutafchiev Str;
Office 2 – 1797 Sofia, 52B G. M. Dimitrov Blvd.

II. Sector Mobile laboratory – Pleven: 5800 Pleven, 27 Doyran Str. and vehicle Opel Movano, reg. № CA 2529 BC;
III. Sector Mobile laboratory – Burgas: 8010 Burgas, Slavejkov, 25 Prof. Yakimov Str. and vehicle Opel Movano, reg. № CA 2253 BC.

I. Sector Stationary Laboratory – Sofia: Office 1 - 1784 Sofia, Mladost 1, R. A. Poligona, 2 Prof. Petar Mutafchiev Str.

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.	Automobile fuels. Unleaded gasoline.	1.1 Lead content	БДС EN 237
		1.2 Distillation characteristics	БДС EN ISO 3405
		1.3 Sulfur content	БДС EN ISO 20846 БДС EN ISO 20884

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
			БДС EN ISO 8754
		1.4 Benzene content	БДС EN 238+A1 БДС EN 12177 БДС EN ISO 22854
		1.5 Oxidation stability	БДС EN ISO 7536
		1.6 Density at 15 °C	БДС EN ISO 3675 БДС EN ISO 12185
		1.7 Vapour pressure	БДС EN 13016-1
		1.8 Copper strip corrosion	БДС EN ISO 2160
		1.9 Content of hydrocarbon groups (alkenes, arenes)	БДС EN 15553 БДС EN ISO 22854
		1.10 Oxygen content and oxygencontaining compounds: methanol, ethanol, isobutyl and isopropyl alcohol, tert butyl alcohol, ethers with five or more hydrocarbon atoms, ethyl tert butyl ether, ETBE, methyl tert-butyl ether, MTBE, other oxygen-containing	БДС EN 13132 БДС EN ISO 22854
		1.11 Volatility index	БДС EN 228+A1, cl.5.5.2
		1.12 Manganese content	БДС EN 16135 БДС EN 16136
2.	Automobile fuels. Diesel. Fuel for off-road equipment and tractors.	2.1 Density at 15 °C	БДС EN ISO 3675 БДС EN ISO 12185
		2.2 Distillation characteristics	БДС EN ISO 3405
		2.3 Cetane index	БДС EN ISO 4264
		2.4 Copper strip corrosion	БДС EN ISO 2160
		2.5 Water content	БДС EN ISO 12937
		2.6 Ash content	БДС EN ISO 6245
		2.7 Kinematic viscosity	БДС EN ISO 3104
		2.8 Sulfur content	БДС EN ISO 20846 БДС EN ISO 8754 БДС EN ISO 20884
		2.9 Flash point closed cup	БДС EN ISO 2719 БДС EN ISO 2719/A1
		2.10 Cold filter plugging point	БДС EN 116 БДС EN 116/ Amd. 1

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
		2.11 Carbon Residue (on 10 % distillation residue)	БДС EN ISO 10370
		2.12 Polycyclic Aromatic Hydrocarbons (arenes)	БДС EN 12916
		2.13 Fatty acid methyl esters (FAME) content	БДС EN 14078
		2.14 Total contamination	БДС EN 12662 -1
		2.15 Manganese content	БДС EN 16576
3.	Gas oil for industrial and communal purposes.	3.1 Density at 15 °C	БДС EN ISO 3675 БДС EN ISO 12185
		3.2 Distillation characteristics	БДС EN ISO 3405
		3.3 Kinematic viscosity	БДС EN ISO 3104
		3.4 Flash point closed cup	БДС EN ISO 2719 БДС EN ISO 2719/A1
		3.5 Freezing point	БДС 1751
		3.6 Sulfur	БДС EN ISO 8754 БДС EN ISO 20884
		3.7 Water	БДС ISO 3733
		3.8 Carbon residue	БДС ISO 6615
		3.9 Ash	БДС EN ISO 6245
		3.10 Specific heat of combustion	БДС 17413
4.	Marine fuels	4.1 Density at 15 °C	БДС EN ISO 3675
		4.2 Kinematic viscosity	БДС EN ISO 3104
		4.3 Carbon residue (on 10 % distillation residue)	БДС EN ISO 10370
		4.4 Sulfur	БДС EN ISO 8754 БДС EN ISO 20884
		4.5 Water	БДС ISO 3733
		4.6 Flash point closed cup	БДС EN ISO 2719 БДС EN ISO 2719/A1
		4.7 Ash	БДС EN ISO 6245
5.	Boiler fuel	5.1 Engler conditional viscosity	БДС 1766
		5.2 Sulfur	БДС EN ISO 8754
		5.3 Water and sediment	БДС ISO 3734
		5.4 Density	БДС EN ISO 3675
		5.5 Freezing point	БДС 1751
		5.6 Flash point open cup	БДС EN ISO 2592

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
		5.7 Water-soluble acids and bases	БДС 5252
		5.8 Ash	БДС EN ISO 6245
		5.9 Specific heat of combustion	БДС 17413
6.	Heavy fuel oil	6.1 Sulfur	БДС EN ISO 8754
		6.2 Flash point open cup	БДС EN ISO 2592
		6.3 Distillation characteristics	БДС EN ISO 3405
		6.4 Ash	БДС EN ISO 6245
		6.5 Water and sediment	БДС ISO 3734
		6.6 Specific heat of combustion	БДС 17413
7.	Biodiesel, fatty acid methyl esters (FAME) and biodiesel for heating.	7.1 Density at 15 °C	БДС EN ISO 3675 БДС EN ISO 12185
		7.2 Kinematic viscosity	БДС EN ISO 3104
		7.3 Copper strip corrosion	БДС EN ISO 2160
		7.4 Sulfur content	БДС EN ISO 20846 БДС EN ISO 20884
		7.5 Water content	БДС EN ISO 12937
		7.6 Iodine value	БДС EN 14111
		7.7 Cold filter plugging point	БДС EN 116 БДС EN 116/ Amd. 1
		7.8 Esters content	БДС EN 14103
		7.9 Monoglycerides content	БДС EN 14105
		7.10 Diglycerides content	БДС EN 14105
		7.11 Triglycerides content	БДС EN 14105
		7.12 Free glycerol	БДС EN 14105
		7.13 Total glycerol	БДС EN 14105
		7.14 Phosphorus content	БДС EN 14107
		7.15 Methyl ester of linoleic acid content	БДС EN 14103
		7.16 Methanol content	БДС EN 14110
		7.17 Oxidation stability, 110°C	БДС EN 14112 БДС EN 15751
		7.18 Flash point	БДС EN ISO 3679
		7.19 Sulfate ash content	БДС ISO 3987
		7.20 Total contamination	БДС EN 12662 -2

I. Sector Stationary Laboratory – Sofia, Office 2: 1797 Sofia, 52B G. M. Dimitrov Blvd.

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.	Automobile fuels. Unleaded gasoline.	1.1 Octane number	БДС EN ISO 5164
2.	Automobile fuels. Diesel.	2.1 Cetane number	БДС EN ISO 5165

II. Sector Mobile laboratory – Pleven: 5800 Pleven, 27 Doyran Str. and vehicle Opel Movano, reg. № CA 2529 BC

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.	Automobile fuels. Unleaded gasoline.	1.1 Distillation characteristics	ASTM D7345 БДС EN ISO 3405
		1.2 Sulfur content	БДС EN ISO 20884
		1.3 Density at 15 °C	БДС EN ISO 12185
		1.4 Vapour pressure	БДС EN 13016-1
		1.5 Oxygen content and oxygen-containing compounds: - oxygen content - methanol, ethanol, tert butyl alcohol, ethers with five or more hydrocarbon atoms, ethyl tert butyl ether, ETBE, methyl tert-butyl ether, MTBE	ASTM D5845
		1.6 Benzene content	ASTM D6277
2.	Automobile fuels. Diesel.	2.1 Density at 15 °C	БДС EN ISO 12185
		2.2 Distillation characteristics	ASTM D7345 БДС EN ISO 3405
		2.3 Sulfur content	БДС EN ISO 20884
		2.4 Flash point closed cup	БДС EN ISO 2719 БДС EN ISO 2719/A1
		2.5 Cold filter plugging point	БДС EN 116 БДС EN 116/ Amd. 1
		2.6 Cetane number	МИ 4/07:2007
		2.7 Fatty acid methyl esters (FAME) content	БДС EN 14078, (Scope B) ASTM D7861

III. Sector Mobile laboratory – Burgas: 8010 Burgas, Slavejkov, 25 Prof. Yakimov Str. and vehicle Opel Movano, reg. № CA 2253 BC

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.	Automobile fuels. Unleaded gasoline.	1.1 Distillation characteristics	ASTM D7345 БДС EN ISO 3405
		1.2 Sulfur content	ASTM D7212** БДС EN ISO 20884
		1.3 Density at 15 °C	БДС EN ISO 12185
		1.4 Vapour pressure	БДС EN 13016 -1
		1.5 Oxygen content and oxygen-containing compounds: - oxygen content - methanol, ethanol, tert butyl alcohol, ethers with five or more hydrocarbon atoms, ethyl tert butyl ether, ETBE, methyl tert-butyl ether, MTBE	ASTM D5845
		1.6 Benzene content	ASTM D6277
2.	Automobile fuels. Diesel.	2.1 Density at 15 °C	БДС EN ISO 12185
		2.2 Distillation characteristics	ASTM D7345 БДС EN ISO 3405
		2.3 Sulfur content	ASTM D7212** БДС EN ISO 20884
		2.4 Flash point closed cup	БДС EN ISO 2719 БДС EN ISO 2719/A1
		2.5 Cold filter plugging point	БДС EN 116 БДС EN 116/ Amd. 1
		2.6 Cetane number	МИ 4/07:2007
		2.7 Fatty acid methyl esters (FAME) content	БДС EN 14078, (Scope B) ASTM D7861

***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.*

** *Repealed but not replaced standard.*

Fixed scope references:

МИ 4/07:2007 Method for determination of cetane number by infrared spectroscopy (IRS) of diesel.

ORDER

To issue the certificate of accreditation reg. № 35 ЛИ of 27.02.2026 valid until 30.10.2028 and this order enclosed as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the chief director of Directorate General Quality Control of Liquid Fuels at State Agency for Metrological and Technical Surveillance, the head of Testing Laboratory for Liquid Fuels, Lubricants and Additives in Directorate General Quality Control of Liquid Fuels at State Agency for Metrological and Technical Surveillance, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, accredited person is obliged to return to EA BAS the originals of certificate of accreditation reg. № 35 ЛИ/05.02.2026, valid until 30.10.2028 and its enclosure EA BAS order reg. № A 40/05.02.2026.

This order shall be notified to legal entity, within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive agency Bulgarian accreditation service

EXECUTIVE AGENCY "BULGARIAN ACCREDITATION SERVICE" REPUBLIC OF BULGARIA