



ORDER

№ A 452

Sofia, 27.10.2023

Pursuant to Art. 10, para. 1, item 3, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 7 of the BAS QR 2 Accreditation Procedure in connection with an open procedure reg. № 334/10 ЛИ/РО/20.02.2023, report reg. № 334/10 ЛИ/РО/3/В/02.06.2023, annex reg. № 334/10 ЛИ/РО/6/В/14.09.2023 and statement of the Accreditation Commission reg. № 334/10 ЛИ/РО/7/В/03.10.2023, I hereby

EXTEND THE SCOPE OF ACCREDITATION

**of SID 1 Ltd.
Fuel Testing laboratory**

Management address:

1756 Sofia, Darvenitsa, bl. 28, Entr. A, Apt. 5

Laboratory Address:

1280 Novi Iskar, Kurilo District, 1 Kremenitsa Str, Petroleum Base Saxa

To perform testing of:

Type of the scope: <i>flexible for part of the scope*</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
1.	Automotive gasoline	Appearance	БДС EN 228+A1/NA, Table 1
		Vapor Lock Index	БДС EN 228+A1/NA, cl. 5.5.2
		Benzene content	БДС EN 238+A1
		Copper strip corrosion	БДС EN ISO 2160
		Distillation characteristics	БДС EN ISO 3405
		Density	БДС EN ISO 3675
		Density	БДС EN ISO 12185
		Vapour pressure (VP)	БДС EN 13016-1
		Sulphur content	БДС EN ISO 20846
		Oxygenates content - methanol, ethanol, ethers with 5 or more C atoms: MTBE, ETBE, TAME	БДС EN 1601
		Oxygen content	БДС EN 1601
		Bio component content	VLMI № 007/2019
2.	Diesel engine fuel	Cold filter plugging point (CFPP)	БДС EN 116, БДС EN 116/Amendment 1
		Copper strip corrosion	БДС EN ISO 2160

Type of the scope: *flexible for part of the scope**

№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		Flash point in closed cup	БДС EN ISO 2719
		Kinematic viscosity	БДС EN ISO 3104, Procedure A
		Distillation characteristics	БДС EN ISO 3405
		Density	БДС EN ISO 3675
		Density	БДС EN ISO 12185
		Cetane index	БДС EN ISO 4264
		Ash content	БДС EN ISO 6245
		Total contamination	БДС EN 12662
		Water content	БДС EN ISO 12937
		Fatty acid methyl esters (FAME) content	БДС EN 14078 Scope B
		Sulphur content	БДС EN ISO 20846
		Cloud point	БДС EN ISO 3015
3.	Biodiesel - fatty acid methyl esters	Cold filter plugging point (CFPP)	БДС EN 116, БДС EN 116/Amendment 1
		Cloud point	БДС EN ISO 3015
		Copper strip corrosion	БДС EN ISO 2160
		Kinematic viscosity	БДС EN ISO 3104, Procedure A
		Density	БДС EN ISO 3675
		Density	БДС EN ISO 12185
		Flash point in closed cup	БДС EN ISO 2719
		Total contamination	БДС EN 12662
		Water content	БДС EN ISO 12937
		Sulphur content	БДС EN ISO 20846
		Acid value	БДС EN 14104
		Iodine value	БДС EN 14111
4.	Gasoil for industrial and domestic purposes	Freezing point	БДС 1751
		Flash point in closed cup	БДС EN ISO 2719
		Kinematic viscosity	БДС EN ISO 3104, Procedure A
		Distillation characteristics	БДС EN ISO 3405
		Density	БДС EN ISO 3675
		Density	БДС EN ISO 12185
		Water content	БДС ISO 3733
		Ash content	БДС EN ISO 6245
		Carbon residue	БДС ISO 6615
		Total contamination	БДС EN 12662
		Sulphur content	БДС EN ISO 20846
5.	Fuel oils	Freezing point	БДС 1751
		Flash point in opened cup	БДС EN ISO 2592
		Density	БДС EN ISO 3675
		Density	БДС EN ISO 12185
		Water soluble acids and bases	БДС 5252
		Ash content	БДС EN ISO 6245
		Water and sediments	БДС ISO 3734
		Sulphur content	БДС EN ISO 20846

To perform sampling of:

Type of the scope: <i>flexible*</i>		
№	Product	Sampling methods (standard / validated method)
1	2	3
1.	Liquid fuels (automotive gasoline, diesel engine fuel, biodiesel, gas oil for industrial and domestic purposes, fuel oils)	БДС EN ISO 3170

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.*

Fixed scope references:

VLMI № 007/2019 - Light petroleum products. Liquid fuels. Lead-free automotive gasolines. Determination of the contents of bio-components

I ORDER

To issue the certificate of accreditation reg. № 10 ЛИ/27.10.2023, valid until 29.06.2025, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager/representative of the SID 1 Ltd, the head of Fuel Testing laboratory, at SID 1 Ltd, 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 № 10 ЛИ /29.06.2021, valid until 29.06.2025 and an enclosure – EA BAS order reg. № A 388/29.06.2021 as an integral part of it.

This order shall be notified to SID 1 Ltd, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

