



ORDER
№ A 361
Sofia, 16.06.2021

Pursuant to Art 10, para 1, items 3 and 4, Art 28, para 1 and Art 30, para 1 of the Law on National Accreditation of Conformity Assessment Bodies and items 6 and 7 by the Accreditation Procedure BAS QR 2 in connection with open procedure reg. № 146/98 ЛИ/ПА/РО/12.08.2020, report with reg № 146/98 ЛИ/30/В/02.04.2021 and statement by the Accreditation Commission with reg № 146/98 ЛИ/33/В/08.06.2021, I hereby

REACCREDIT AND EXTEND THE SCOPE OF THE ACCREDITATION
of
"INSA OIL" LTD
COMPLEX TESTING LABORATORY

Management address: 4150 Rakovski, Region of Plovdiv, Municipality of Rakovski, 1 Predel str.

Laboratory address: 4130 Belozem, Region of Plovdiv, Municipality of Rakovski, Industrial Zone Area

To perform testing of:

Type of the range: Flexible on some part of the range			
№	Tested products	Type of testing/ characteristics	Test methods (standard/validated method)
1	2	3	4
1.	Diesel Engine Fuels	1.1. Cetane index	БДС EN ISO 4264
		1.2. Density	БДС EN ISO 3675
		1.3. Sulfur	БДС EN ISO 12185
		1.4. Flash point in closed cup	БДС EN ISO 20846
		1.5. Ash	БДС EN ISO 2719, Procedure A
		1.6. Coke residue / of 10 % distillation residue	БДС EN ISO 6245
		1.7. Distillation characteristics	БДС ISO 6615
		1.8. Cold filter plugging point / CFPP	БДС EN ISO 3405
		1.9. Total contamination	БДС EN 116, БДС EN 116/Amendment 1:2018
		1.10. Copper strip corrosion	БДС EN 12662
		1.11. Kinematic viscosity at 40 °C	БДС EN ISO 2160
		1.12. Polycyclic aromatic hydrocarbons	БДС EN ISO 3104, Procedure A

		1.13. Water content	БДС EN ISO 12937
		1.14. Fatty acid methyl esters (FAME) content	БДС EN 14078, Range B
2.	Automotive petrols	2.1. Density	БДС EN ISO 3675
		2.2. Sulfur	БДС EN ISO 20846
		2.3. Copper strip corrosion	БДС EN ISO 2160
		2.4. Distillation characteristics	БДС EN ISO 3405
		2.5. Appearance	БДС EN 228:2012+A1
		2.6. Vapour pressure	БДС EN 13016-1
		2.7. Volatility index	БДС EN 228:2012+A1
		2.8. Benzene content	БДС EN 12177+AC
		2.9. Oxygen content	БДС EN 13132
		2.10. Oxygenates content	БДС EN 13132
		2.11. Bio-component content	ВЛМИ 01:2021
3.	Gas oil for industrial and domestic use	3.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		3.2. Distillation characteristics	БДС EN ISO 3405
		3.3. Kinematic viscosity at 40 °C	БДС EN ISO 3104, Procedure A
		3.4. Freezing point	БДС 1751
		3.5. Flash point in closed cup	БДС EN ISO 2719, Procedure A
		3.6. Sulfur (up to 1 %)	БДС EN ISO 8754
		3.7. Water (from 0.1ml/0.1%)	БДС ISO 3733
		3.8. Mechanical impurities	СТ на СИВ 2876 БДС EN 12662
		3.9. Ash	БДС EN ISO 6245
		3.10. Coke residue	БДС ISO 6615
		3.11. Specific heat of combustion	СТ на СИВ 3965
		1.11. Kinematic viscosity at 40 °C	БДС EN ISO 3104, Procedure A
		1.12. Polycyclic aromatic hydrocarbons	БДС EN 12916, Procedure A
		1.13. Water content	БДС EN ISO 12937
		1.14. Fatty acid methyl esters (FAME) content	БДС EN 14078, Range B

2.	Automotive petrols	2.1. Density	БДС EN ISO 3675
		2.2. Sulfur	БДС EN ISO 20846
		2.3. Copper strip corrosion	БДС EN ISO 2160
		2.4. Distillation characteristics	БДС EN ISO 3405
		2.5. Appearance	БДС EN 228:2012+A1
		2.6. Vapour pressure	БДС EN 13016-1
		2.7. Volatility index	БДС EN 228:2012+A1
		2.8. Benzene content	БДС EN 12177+AC
		2.9. Oxygen content	БДС EN 13132
		2.10. Oxygenates content	БДС EN 13132
		2.11. Bio-component content	ВЛМИ 01:2021
3.	Gas oil for industrial and domestic use	3.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		3.2. Distillation characteristics	БДС EN ISO 3405
		3.3. Kinematic viscosity at 40 °C	БДС EN ISO 3104, Procedure A
		3.4. Freezing point	БДС 1751
		3.5. Flash point in closed cup	БДС EN ISO 2719, Procedure A
		3.6. Sulfur (up to 1 %)	БДС EN ISO 8754
		3.7. Water (from 0.1ml/0.1%)	БДС ISO 3733
		3.8. Mechanical impurities	СТ на СИБ 2876 БДС EN 12662
		3.9. Ash	БДС EN ISO 6245
		3.10. Coke residue	БДС ISO 6615
		3.11. Specific heat of combustion	СТ на СИБ 3965
4.	Marine fuels	4.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		4.2. Distillation characteristics	БДС EN ISO 3405
		4.3. Kinematic viscosity at 40 °C	БДС EN ISO 3104+AC, Procedure A
		4.4. Freezing point	БДС 1751
		4.5. Flash point in closed cup	БДС EN ISO 2719, Procedure A
		4.6. Sulfur (up to 1 %)	БДС EN ISO 8754
		4.7. Water (from 0.1 ml/1 %)	БДС ISO 3733
		4.8. Mechanical impurities	СТ на СИБ 2876
		4.9. Ash	БДС EN ISO 6245

		4.10. Coke residue / of 10 % distillation residue /	БДС ISO 6615
5.	Boiler Fuels	5.1. Density	БДС EN ISO 3675
		5.2. Freezing point	БДС 1751
		5.3. Flash point in opened cup	БДС EN ISO 2592
		5.4. Sulfur (up to 1 %)	БДС EN ISO 8754
		5.5. Water soluble acids and alkalis	БДС 5252
		5.6. Specific heat of combustion	СТ на СИБ 3965
		5.7. Ash	БДС EN ISO 6245
6.	Heavy Fuel Oils	6.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		6.2. Distillation characteristics	БДС EN ISO 3405
		6.3. Kinematic viscosity at 50 °C	БДС EN ISO 3104, Procedure A
		6.4. Freezing point	БДС 1751
		6.5. Flash point in closed cup	БДС EN ISO 2719, Procedure A
		6.6. Sulfur (up to 1 %)	БДС EN ISO 8754
		6.7. Water (from 0.1 ml/1 %)	БДС ISO 3733
		6.8. Specific heat of combustion	СТ на СИБ 3965
		6.9. Ash	БДС EN ISO 6245
7.	Waste Oils	7.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		7.2. Kinematic viscosity at 40 °C	БДС EN ISO 3104, Procedure A
		7.3. Water (from 0.1 ml/1 %)	БДС ISO 3733
		7.4. Mechanical impurities	СТ на СИБ 2876
		7.5. Flash point in opened cup	БДС EN ISO 2592
8.	Biodiesel - fatty acid methyl esters	8.1. Density	БДС EN ISO 3675 БДС EN ISO 12185
		8.2. Sulfur	БДС EN ISO 20846
		8.3. Flash point in closed cup	БДС EN ISO 2719, Procedure C
		8.4. Cold filter plugging point /CFPP/	БДС EN 116, БДС EN 116/Amendment 1:2018
		8.5. Total contamination	БДС EN 12662
		8.6. Copper strip corrosion	БДС EN ISO 2160

	8.7. Kinematic viscosity at 40 °C	БДС EN ISO 3104, Procedure A
	8.8. Water content	БДС EN ISO 12937

To take samples (specimens) of:

Type of the range: flexible		
№ by order	Name of products	Sampling methods (standardized/validated)
1	2	3
1.	Diesel Engine Fuels	БДС EN ISO 3170
2.	Automotive petrols	БДС EN ISO 3170
3.	Gas oil for industrial and domestic use	БДС EN ISO 3170
4.	Marine fuels	БДС EN ISO 3170
5.	Boiler fuels	БДС EN ISO 3170
6.	Heavy fuel oils	БДС EN ISO 3170
7.	Waste oils	БДС EN ISO 3170
8.	Biodiesel - fatty acid methyl esters	БДС EN ISO 3170

Flexible Range

*Introduction of new version of standards/documents, or standards/documents that are to be replacing them, is permitted. An up-to-date list of standards with their dated versions is provided by the CAB.

Fixed range

References:

ВЛМИ 01:2021 "Liquid petroleum products. Automotive petrols, unleaded. Determination of the Bio-component content." Validation protocol № 01/08.02.2021.

I HEREBY ORDER

The issuance of Certificate of accreditation reg. № 98 ЛИ/16.06.2021 valid until 16.06.2025 and this order enclosed as an integral part of it.

The Certificate of accreditation together with its enclosure should be received by the Manager / Representative of "INSA OIL" LTD, the head of the Complex Testing laboratory of "INSA OIL" LTD or other authorized person in the office of EA BAS.

This Order shall be notified to "INSA OIL" LTD, city Rakovski, within 3 (three) days from its issuance.

eng. IRENA BORISLAVOVA
Executive Director of EA BAS

