



ORDER

№ A 666

Sofia, 21.11.2022

Pursuant to Art. 10, para. 1, item 4, Art. 28 para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, and item 6 of the BAS QR 2 Accreditation Procedure, in connecton with an open procedure reg. № 366/204 ЛИ/ПА/04.10.2021, assessment reports reg. № 366/204 ЛИ/ПА/7/В/05.05.2022 and reg. № 366/204 ЛИ/14/В/07.11.2022 and statement of the Accreditation Commission reg. № 366/204 ЛИ/ПА/15/В/21.11.2022, I hereby

RE-ACCREDIT

Testing laboratory Mobile Lab – Ruse, at Mobil Lab Ltd.

Management address: 7000 Ruse, 39 Tsar Asen Str, Bl. Afrodita, floor 4

Laboratory address: 7012 Ruse, 2 Nikolaevska Str, floor 3

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. | Water for drinking and domestic purposes (1) | 1. Temperature  | БДС 17.1.4.01 (3)                             |
|    | Groundwater (2)                              | 2. Active reaction/ pH  | БДС 17.1.4.27 cl. 1 (2, 3, 4)<br>БДС 3424 (1) |
|    | Waste water (3)                              | 3. Specific electrical conductivity   | БДС EN 27888 (1, 2, 4)                        |
|    | Surface water (4)                            | 4. Undesolved substances  | БДС 17.1.4.04 (3, 4)                          |
|    |  | 5. Ammonium ion / Ammonium nitrogen   | IVLM 2:2014 (1, 2, 3, 4)                      |
|    |  | 6. Chlorides  | IVLM 3:2014 (1, 2, 3, 4)                      |
|    |  | 7. Sulfates   | IVLM 4:2014 (1, 2, 3, 4)                      |
|    |  | 8. Nitrates/Nitrogen nitrate  | IVLM 5:2014 (1, 2, 3, 4)                      |
|    |  | 9. Nitrites/Nitrogen nitrite  | IVLM 6:2014 (1, 2, 3, 4)                      |
|    |  | 10. Total hardness  | IVLM 7:2014 (1, 2, 4)                         |
|    |  | 11. Fluorides   | IVLM 8:2014 (1, 2, 3, 4)                      |
|    |  | 12. Chemical oxygen demand, COD/dichromate/   | IVLM 9:2014 (3, 4)                            |
|    |  | 13. Biochemical oxygen demand for 5 days/ BOD <sub>5</sub>  | IVLM 10:2014 (3, 4)                           |
|    |  | 14. Phosphates / Ortho - phosphates / Phosphates as P / Total phosphorus / Total phosphorus as phosphates / Total phosphorus as P <sub>2</sub> O <sub>5</sub> | IVLM 11:2014 (1, 2, 3, 4)                     |
|    |  | 15. Iron - total  | IVLM 12:2014 (1, 2, 3, 4)                     |
|    |  | 16. Dissolved oxygen  | БДС EN ISO 5814 (2,4)                         |
|    |  | 17. Total nitrogen  | IVLM 15:2020 (3)                              |

| <b>Type of the scope:</b> <i>flexible for a part of the scope</i> |  |  |  |
|---|--|--|--|
| <b>№</b>  | <b>Tested products</b>   | <b>Type of test / characteristic</b>   | <b>Testing methods (standard / validated method)</b> |
| <b>1</b>  | <b>2</b>   | <b>3</b>   | <b>4</b>   |
|   |  | 18. Petroleum products   | IVLM 16:2020 (2,3,4)                                 |
|   |  | 19. Permanganate index/Permanganate oxidizability                                  | IVLM 17:2020 (1,2,3,4)                               |
| II.   | Soils  | 1. pH  | БДС EN ISO 10390                                     |
| III.  | Noise  | 1. Equivalent noise level  | БДС 15471,<br>IVLM 1:2012                            |
|   |  | 2. Total sound power level   | IVLM 1:2012  |
| IV.   | Emissions from stationary sources in atmospheric air / gas flows | 1. Gas flow rate/Flow rate   | ISO 10780  |
|   |  | 2. Temperature<br>- of the air<br>- of gases in the gas duct                       |  |
|   |  | 3. Pressure<br>- barometric<br>- in the gas duct                                   |  |
|   |  | 4. Moisture  |  |
|   |  | 5. Sulfur dioxide  | БДС EN 14790   |
|   |  | 6. Carbon monoxide   | IVLM 14:2020   |
|   |  | 7. Oxygen  |  |
|   |  | 8. Nitrogen oxides (NO <sub>x</sub> , NO, NO <sub>2</sub> )                        |  |
|   |  | 9. Carbon dioxide (CO <sub>2</sub> )   |  |
|   |  | 10. Total Hydrocarbons (C <sub>x</sub> H <sub>y</sub> )/Total Organic Carbon (TOC) |  |
|   |  | 11. Mass concentration of dust particles   | БДС EN 13284-1                                       |

**To perform sampling of:**

| <b>Type of the scope:</b> <i>Flexible for a part of the scope</i> |   |  |
|---|---|--|
| <b>№</b>  | <b>Products</b>   | <b>Test methods (standardized/validated)</b> |
| <b>1</b>  | <b>2</b>  | <b>3</b>                                     |
| I.  | Water for drinking and domestic purposes (1)<br>Groundwater (2)<br>Waste water (3)<br>Surface water (4) | БДС ISO 5667-5 (1)                           |
|   |   | БДС ISO 5667-11 (2)                          |
|   |   | БДС ISO 5667-10 (3)                          |
|   |   | БДС ISO 5667-6 (4)                           |
| II.   | Soils   | БДС 17.4.5.01                                |
| III.  | Emissions from stationary sources in atmospheric air / gas flows  | БДС EN 14790                                 |
|   |   | БДС EN 13284-1                               |
|   |   | CEN/TS 13649                                 |

**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. | IVLM 1:2012; 10.09.2012 | Method for measuring the equivalent noise level. Determining the level of total sound power emitted into the environment by an industrial enterprise and the noise level at the point of impact |
| 2. | IVLM 2:2014; 01.02.2014 | Photometric method for determining the content of ammonia/ammonium ion/ammonium nitrogen in water   |
| 3. | IVLM 3:2014; 01.02.2014 | Photometric method for determining the content of   |

|     |                          |  |
|-----|--------------------------|--|
|     |                          | chlorides/chlorine ions in water   |
| 4.  | IVLM 4:2014; 01.02.2014  | Photometric method for determining the content of sulfates/sulfate ions in water   |
| 5.  | IVLM 5:2014; 01.02.2014  | Photometric method for determining the content of nitrates / nitrate nitrogen in water   |
| 6.  | IVLM 6:2014; 01.02.2014  | Photometric method for determining the content of nitrites/nitrogen nitrite in water   |
| 7.  | IVLM 7:2014; 01.02.2014  | Photometric method for determining the content of total hardness in water  |
| 8.  | IVLM 8:2014; 01.02.2014  | Photometric method for determining the content of fluorides in water   |
| 9.  | IVLM 9:2014; 01.02.2014  | Photometric method for determination of Chemical oxygen demand, COD/dichromate/ in water   |
| 10. | IVLM 10:2014; 01.02.2014 | Photometric method for determining Biochemical oxygen demand for 5 days/ BOD <sub>5</sub> in water   |
| 11. | IVLM 11:2014; 01.02.2014 | Photometric method for determining phosphate content/ total phosphorus/ in water   |
| 12. | VLMI 12:2014; 01.02.2014 | Photometric method for determining iron content in water   |
| 13. | IVLM 14:2020; 06.03.2020 | Sampling and automatic determination of gaseous emissions from stationary sources - carbon monoxide, carbon dioxide, nitrogen oxides (NO <sub>x</sub> , NO, NO <sub>2</sub> ), sulfur dioxide, oxygen, total hydrocarbons / total organic carbon |
| 14. | IVLM 15:2017; 06.03.2020 | Photometric method for determining the content of total nitrogen in water  |
| 15. | IVLM 16:2020; 06.03.2020 | Determination of petroleum products in water   |
| 16. | IVLM 17:2020; 06.03.2020 | Photometric method for determination of permanganate index/permanganate oxidizability  |

### I ORDER

To issue the certificate of accreditation reg. № 204 ЛИ/21.11.2022, valid until 21.11.2026, 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 Mobil Lab Ltd, the head of the Testing laboratory Mobile Lab – Ruse, at Mobil Lab Ltd, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the Testing laboratory Mobile Lab – Ruse, at Mobil Lab Ltd, is obliged to return to EA BAS the originals of accreditation certificate reg. № 204 ЛИ/11.06.2021, valid until 21.05.2022 and its enclosure – EA BAS order reg. № A 355/11.06.2021.

This order shall be notified to Testing laboratory Mobile Lab – Ruse, at Mobil Lab Ltd, within 3 (three) days from its issuance.

**Eng. Irena Borislavova**  
Executive Director of EA BAS

