REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 327

Sofia, 27.10.2025

Pursuant to Art.10, para. 1, item 4, Art. 28 para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, item 6 of the BAS QR 2 Accreditation Procedure, in connection with an application of re-accreditation reg. № 09-19/П/06.02.2025, an open procedure reg. № 75/228 ЛИ/ПА/04.03.2025, report reg. № 75/228 ЛИ/11/В/15.09.2025 and statement of the Accreditation Commission reg. № 75/228 ЛИ/12/В/10.10.2025, I hereby

RE-ACCREDIT

V I K OOD
LABORATORY TESTING COMPLEX

Management address: 5300 Gabrovo, Markoteia, 6 Treti mart Blvd.

Laboratory address:
1. Drinking water Sector: 5300 Gabrovo, Markoteia, 6 Treti mart Blvd.
2. Wastewater Sector: 5300 Gabrovo, Severna Industrialna Zona, 61 General Nikolov Str.

1. Drinking water Sector: 5300 Gabrovo, Markoteia, 6 Treti mart Blvd.
To perform testing of:

Type of the scope: *flexible for a part of the scope**			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	**2**	**3**	**4**
1	WATER: drinking – for drinking and household purposes (1); underground (2); surface (3); natural for construction goals (4);	1.1. Colour	БДС 8451 cl. 2, (1) БДС EN ISO 7887, Method C (1,2,3)
		1.2. Flavour	БДС 8451 cl. 3, (1)
		1.3. Odour	БДС 8451 cl. 4, (1)
		1.4. Temperature	БДС 8451 cl. 5, (1) VLM № 23/2022 (1,2,3)
		1.5. Turbidity	БДС EN ISO 7027-1 (1)

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Type of the scope: *flexible for a part of the scope**			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	**2**	**3**	**4**
	for fish farming (5)	1.6. Active reaction (pH)	БДС 3424 cl. 1, (1) БДС EN ISO 10523 (1,2,3,4,5)
		1.7. Specific Conductivity	БДС EN 27888 (1,2,3)
		1.8. Nitrites / Nitrogen nitrite	VLM № 1/2006 (1,2,3,5)
		1.9. Nitrates / Nitrogen nitrate	VLM № 2/2006 (1,2,3)
		1.10. Phosphates / total phosphorus / phosphates such as P_2O_5	VLM № 3/2006 (1,2,3,5)
		1.11. Chromium/ total and hexavalent (Cr VI)	VLM № 4/2006 (1,2,3)
		1.12. Ammonium ion / Nitrogen ammonium	VLM № 5/2006 (1,2,3,5)
		1.13. Iron / total / dissolved	VLM № 7/2006 (1,2,3)
		1.14. Manganese	VLM № 8/2006 (1,2,3)
		1.15. Cyanides / total/ free	VLM № 9/2007 (1,2,3)
		1.16. Copper / dissolved	VLM № 10/2007 (1,2,3,5)
		1.17. Zinc	VLM № 11/2007 (1,2,3,5)
		1.18. Boron	VLM № 12/2007 (1,2,3)
		1.19. Chlorides	VLM № 14/2007 (1,2,3)
		1.20. Fluorides	VLM № 16/2007 (1,2,3)
		1.21. Sulphates	VLM № 17/2007 (1,2,3)
		1.22. Aluminium	VLM № 18/2007 (1, 2,3)
		1.23. COD (Chemical oxygen demand)	VLM № 20/2007 (1,2,3)
		1.24. Total Nitrogen	VLM № 22/2007 (1,2,3)
		1.25. Surfactants	VLM № 24/2007 (1,2,3)
		1.26. Residual free chlorine	VLM № 25/2007 (1,5)
		1.27. Sum of calcium and magnesium	БДС ISO 6059 (1,2,3,4,5)
		1.28. Calcium content	БДС ISO 6058 (1,2,3,4)
		1.29. Magnesium content	VLM № 19/2021 (1,2,3,4)
		1.30. Oxidation (permanganate)	БДС 3413 (1) БДС 17.1.4.16 (2,3)
		1.31. Dissolved oxygen	БДС EN 25813 (2,3,4,5)
		1.32. BOD_5 (biochemical oxygen demand)	БДС EN 1899-2 (1,2,3,5)
		1.33. Suspended solids	БДС 17.1.4.04 cl. 2 (3,5)
		1.34. Escherichia coli	БДС EN ISO 9308-1/A1 (1,2)
		1.35 Coliform bacteria	БДС EN ISO 9308-1/A1 (1,2)
		1.36. Entreococcus fecalis	БДС EN ISO 7899-2 (1,2,3)
		1.37. Enumeration of culturable micro-organisms (at 22°C)	БДС EN ISO 6222 (1,2,3)
		1.38. Spores of sulfite-reducing anaerobes (Clostridia)	БДС EN 26461-2 (1)
		1.39. Clostridium perfringens	БДС EN ISO 14189 (1)

To perform sampling of:

Type of the scope: *flexible**		
№	**Product**	**Sampling method (standard/validated method)**
1	**2**	**3**
1.	Drinking water	БДС ISO 5667-5 БДС EN ISO 19458
2.	Underground water	БДС ISO 5667-11 cl. 3.9, cl. 3.16, cl. 3.17, cl. 5.3.2.2, cl. 6.1.1
3.	Surface water	БДС ISO 5667-4; БДС ISO 5667-6/A11 БДС EN ISO 19458

2. Wastewater Sector: 5300 Gabrovo, Severna Industrialna Zona, 61 General Nikolov Str.

To perform testing of:

Type of the scope: *flexible for a part of the scope**			
№	**Tested products**	**Type of test / characteristics**	**Test methods (standard/validated method)**
1	**2**	**3**	**4**
2.	Wastewater	1.1 Temperature	БДС 17.1.4.01 cl. 4
		1.2. Active reaction (pH)	БДС 17.1.4.27 cl. 1 БДС EN ISO 10523
		1.3. Specific Conductivity	БДС EN 27888
		1.4. Nitrites / Nitrogen nitrite	VLM № 1 /2006
		1.5. Nitrates / Nitrogen nitrate	VLM № 2 /2006
		1.6.Phosphates / total phosphorus	VLM № 3 /2006 VLM № 3 Hach /2016
		1.7. Chromium /total /hexavalent /trivalent	VLM № 4 /2006
		1.8. Ammonium ion / Nitrogen ammonium	VLM № 5 /2006
		1.9. Lead	VLM № 6 /2006
		1.10. Iron / total iron	VLM № 7 /2006
		1.11. Manganese	VLM № 8 /2006
		1.12. Cyanides / total / free	VLM № 9 /2007
		1.13. Copper	VLM № 10 /2007
		1.14. Zinc	VLM № 11 /2007
		1.15. Cadmium	VLM № 13 /2007
		1.16. Nickel	VLM № 15 /2007
		1.17. Sulfate ions / Sulfates	VLM № 17 /2007
		1.18. COD	VLM № 20 /2007 VLM № 1 Hach /2016
		1.19. Phenols	VLM № 21 /2007
		1.20. Total nitrogen	VLM № 22 /2007 VLM № 2 Hach /2016
		1.21. Surfactants	VLM № 24 /2007
		1.22. Oxidation (permanganate)	БДС 17.1.4.16
		1.23. Dissolved oxygen	БДС EN 25813
		1.24. BOD_5 (biochemical oxygen demand)	БДС EN ISO 5815-1 БДС EN 1899-2 VLM № 4 Hach/2016
		1.25. Suspended solids	БДС 17.1.4.04, cl. 2

To perform sampling of:

Type of the scope: *flexible**		
№	**Product**	**Sampling method (standard/validated method)**
1	**2**	**3**
1.	Wastewater	БДС ISO 5667-10

***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 range references: VLM (validated laboratory methods)

VLM № 1/2006: Photometric method for determining the content of nitrites / nitrogen nitrite.
VLM № 2/2006: Photometric method for determining the content of nitrates / nitrogen nitrate.
VLM № 3/2006: Photometric method for determining the content of phosphates / total phosphorus.
VLM № 4/2006: Photometric method for determining the content of chromium/ total, hexavalent, trivalent/.
VLM № 5/2006: Photometric method for determining the content of mmonium ion / nitrogen ammonium.
VLM № 6/2006: Photometric method for determining the content of lead.
VLM № 7/2006: Photometric method for determining the content of iron.
VLM № 8/2006: Photometric method for determining the content of manganese.
VLM № 9/2007: Photometric method for determining the content of cyanides.
VLM № 10/2007: Photometric method for determining the content of copper.
VLM № 11/2007: Photometric method for determining the content of zinc.
VLM № 12/2007: Photometric method for determining the content of boron.
VLM № 13/2007: Photometric method for determining the content of cadmium.
VLM № 14/2007: Photometric method for determining the content of chlorides.
VLM № 15/2007: Photometric method for determining the content of nickel.
VLM № 16/2007: Photometric method for determining the content of fluorides.
VLM № 17/2007: Photometric method for determining the content of sulphates.
VLM № 18/2007: Photometric method for determining the content of aluminium.
VLM № 19/2021: Method for determining the content of magnesium in waters.
VLM № 20/2007: Photometric method for determining the content of COD.
VLM № 21/2007: Photometric method for determining the content of phenols.
VLM № 22/2007: Photometric method for determining the content of total nitrogen.
VLM № 23/2022: Method for determining the water temperature.
VLM № 24/2007: Photometric method for determining the content of surfactant.
VLM № 25/2007: Photometric method for determining the content of residual free chlorine.
VLM № 1 Hach/2016: Photometric method for determining the content of COD.
VLM № 2 Hach/2016: Photometric method for determining the content of total nitrogen.
VLM № 3 Hach/2016: Photometric method for determining the content of phosphates and total phosphorus.
VLM № 4 Hach/2016: Defining of the biochemical oxygen demand after 5 days (BOD 5).

I ORDER

To issue the certificate of accreditation reg. № 228 ЛИ/27.10.2025 valid until 27.10.2029 and this order as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager/ representative of the Vodisnabdyavane I Kanalizatsiya OOD, Gabrovo, head of the Laboratory testing complex at Vodisnabdyavane I Kanalizatsiya OOD, Gabrovo, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited person is obliged to return to EA BAS the originals of the certificate of accreditation with reg. № 228 ЛИ/26.01.2024, valid untill 25.10.2025 and an enclosure, EA BAS order reg. № А 51/26.01.2024.

This order shall be notified to Vodisnabdyavane I Kanalizatsiya OOD, Gabrovo, within 3(three) days from its issuance.

Eng. Mariya Ilieva-Yordanova

Executive Director
of Executive agency Bulgarian accreditation service