REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 75

Sofia, 04.03.2026

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 74/04.03.2026, I hereby

AMEND

EA BAS order reg. № A 9/14.01.2026 to accreditation certificate reg. № 89 ЛИ/14.01.2026 valid until 13.01.2030,

KCM AD
ENVIRONMENTAL LABORATORY

Management address: 4009 Plovdiv, Asenovgradsko Shose Str.
Laboratory address: 4009 Plovdiv, Asenovgradsko Shose 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.	Emissions of harmful substances released into the air from facilities with stationary sources	1.1. Dust	БДС EN 13284-1 БДС ISO 9096
		1.2. Sulfur dioxide/SO_2	БДС 17.2.4.04 VILM 1-1:2003
		1.3. Carbon oxide/CO	VILM 1-1:2003 БДС EN 15058
		1.4. Nitrogen oxides – /NO_x (NO + NO_2)	VILM 1-1:2003 БДС EN 14792
		1.5. Oxygen/O_2	VILM 1-1:2003 БДС EN 14789
		1.6. Moisture	БДС EN 14790
		1.7. Zinc	VILM 1-2:2003
		1.8. Cadmium	VILM 1-2:2003 БДС EN 14385
		1.9. Lead	VILM 1-2:2003 БДС EN 14385
		1.10. Chrome	БДС EN 14385

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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
		1.11. Nickel	БДС EN 14385
		1.12. Gas flow rate, speed, temperature, pressure/ vacuum, barometric pressure	БДС EN ISO 16911-1
		1.13. Sulfur trioxide / SO_3	БДС 17.2.4.09
2.	Immissions of harmful substances into the air	2.1. Total dust / Particulate matter 10/ PM 10	БДС 17.2.4.20
		2.2. Lead	VILM 1-3:2003
		2.3. Cadmium	VILM 1-3:2003
3.	Water: (1) industrial, (2) running surface, (3) waste, (4) drinking, (5) groundwater, (6) infiltrates	3.1. pH	БДС 17.1.4.27, cl. 1 (1,2,3,5,6) БДС 3424, pt. 1 (4)
		3.2. Dissolved substances	БДС 17.1.4.04, cl. 3 (1,2,3,5,6)
		3.3. Undissolved substances	БДС 17.1.4.04, cl. 2 (1,2,3,4,5,6) БДС EN 872 (1,2,3,4,5,6)
		3.4. Biochemical oxygen demand for 5 days/ BOD_5	БДС EN 1899-2 (1,2,3,4,5,6) БДС EN ISO 5815-1 (1,2,3,4,5,6)
		3.5. Lead	ISO 8288 (1,2,3,5,6) БДС 16777 (4) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.6. Zinc	ISO 8288 (1,2,3,5,6) БДС 16777 (4) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.7. Cadmium	ISO 8288 (1,2,3,5,6) БДС 16777 (4) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.8. Copper	ISO 8288 (1,2,3,5,6) БДС 16777 (4) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.9. Iron (total)	БДС 3425, pt. 2 (1,2,3,5,6) БДС 16777 (4) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.10. Manganese	БДС 16777 (1,2,3,4,5,6) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.11. Cobalt	ISO 8288 (1,2,3,4,5,6) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.12. Nickel	ISO 8288 (1,2,3,4,5,6) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.13. Chrome (total)	БДС EN 1233, cl. 3, cl.4 (1,3,6) БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.14. Cyanides (total)	БДС ISO 6703-1, Section 2 (1,2,3,4,5,6)
		3.15. Cyanides (free readily degradable)	БДС 17.1.4.14 (1,2,3,4,5,6) БДС 7214 (4)
		3.16. Cyanides total/ free readily degradable	VILM 1-5:2008 (1,2,3,4,5,6)

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
		3.17. Sulfates	БДС 3588 (4) БДС 17.1.4.03 (1,2,3,5,6)
		3.18. Chlorides	БДС 3414 (4) БДС 17.1.4.24, cl.1 (1,2,3,5,6)
		3.19. Nitrates/ nitrate nitrogen	БДС 3758 (4) БДС 17.1.4.12 (1,2,3,5,6) БДС ISO 7890-3 (1,2,3,4,5,6)
		3.20. Nitrites/ nitrite nitrogen	БДС EN 26777 (1,2,3,4,5,6)
		3.21. Total phosphorus/ orthophosphates	БДС EN ISO 6878 (1,2,3,4,5,6)
		3.22. Ammonia/ ammonium/ ammonium nitrogen	БДС ISO 7150-1 (1,2,3,4,5,6)
		3.23. Electrical conductivity	БДС EN 27888 (1,2,3,4,5,6)
		3.24. Total dry residue	БДС 17.1.4.04, cl.1 (1,2,3,5,6) БДС 3546 (4)
		3.25. Chemical oxygen demand/ COD	БДС 17.1.4.02 (1,2,3,4,5,6) ISO 6060 (1,2,3,4,5,6)
		3.26. Permanganate oxidation (Permanganate index)	БДС EN ISO 8467 (4) БДС 17.1.4.16 (1,2,3,5,6) БДС 3413 (4)
		3.27. Arsenic	БДС ISO 17378-2, Method B (1,2,3,4,5,6)
		3.28. Sodium	БДС ISO 9964-3 (4,5)
		3.29. Potassium	БДС ISO 9964-3 (4,5)
		3.30. Calcium	БДС EN ISO 7980 (4,5)
		3.31. Magnesium	БДС EN ISO 7980 (4,5)
		3.32. Total hardness (sum of calcium and magnesium)/ Calcium carbonate hardness	БДС ISO 6059 (2,4,5)
		3.33. Dissolved oxygen	БДС EN 25813 (2,3,4,5)
		3.34. Aluminum	БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.35. Antimony	БДС EN ISO 17294-2 (1,2,3,4,5,6)
		3.36. Selenium	БДС EN ISO 17294-2 (1,2,3,4,5,6)
4.	Soils	4.1. pH (H_2O) pH ($CaCl_2$) pH (KCl)	БДС EN ISO 10390
		4.2. Lead	ISO 11047, Method A
		4.3. Zinc	
		4.4. Cadmium	
		4.5. Copper	
		4.6. Chrome	
		4.7. Cobalt	
		4.8. Manganese	
		4.9. Nickel	

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
		4.10. Arsenic	ISO 20280, Method B
5.	Industrial noise	5.1. Noise level	БДС ISO 8297 VILM 1-6:2008
		5.2. Equivalent noise level	
		5.3. Average noise level on the measuring circuit	
		5.4. Total sound power level	
		5.5. Noise level at the impact site	VILM 1-6:2008

To perform sampling of:

Type of the scope: *flexible* *		
№	**Product**	**Sampling method (standard/ validated methods)**
1	2	3
1.	Emissions of harmful substances released into the air from facilities with stationary sources	БДС EN 13284-1, БДС ISO 9096, БДС EN 14790, БДС 17.2.4.04, БДС 17.2.4.09
2.	Immissions	БДС 17.2.5.01, БДС 17.2.4.20, БДС EN 14902, cl. 8
3.	Water: (1) industrial, (2) running surface, (3) waste, (4) drinking, (5) groundwater, infiltrates	БДС ISO 5667-5 (4), БДС EN ISO 5667-6 (2), БДС ISO 5667-10 (1,3,6), БДС ISO 5667-11 (5)
4.	Soils	БДС ISO 18400-102, БДС ISO 18400-104

***Flexible scope:** *The introduction of a new version of the standard/document or standards/documents, which replace them, is permitted. The laboratory keeps an updated list of the standards and their dated versions.*

Fixed scope reference:

1. VILM 1-1 Determination of the content of sulfur dioxide, carbon oxide, nitrogen oxides-total and oxygen in gas streams.
2. VILM 1-2 Determination of the content of lead, zinc and cadmium in gas streams.
3. VILM 1-3 Determination of the content of lead, zinc and cadmium in the air.
4. VILM 1-5 Determination of cyanide content in water samples.
5. VILM 1-6 Determination of total sound power released in the environment from industrial plant and determination of noise level at the impact site.

I ORDER

To issue the certificate of accreditation reg. № 89 ЛИ/04.03.2026, valid until 13.01.2030, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager of KCM AD, the head of the Environmental Laboratory at KCM AD, 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 № 89 ЛИ/14.01.2026 valid until 13.01.2030, and its enclosure, EA BAS order reg. № A 9/14.01.2026.

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

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive agency Bulgarian accreditation service