REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 128

Sofia, 16.04.2025

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies and item 5.3 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 127/16.04.2025, I hereby

AMEND

EA BAS order reg. № A 418/08.11.2024 to accreditation certificate reg. № 181 ЛИ/08.11.2024, valid until 18.09.2027,

of NEOCHIM PLC,
TESTING LABORATORY ECOLOGY

Management and laboratory address:
6403 Dimitrovgrad, Himkombinatska Str, Eastern Industrial Zone

To perform testing of:

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
1.	WATER: Waste water (1) Industrial water (2) Domestic and faecal water (3) Surface flowing water (4) Drinking water (5) Groundwater (6)	1.1. Ammonia / Ammonium ions / Ammonium nitrogen	БДС ISO 7150-1 (1,2,3,4,5,6)
		1.2. Nitrates/Nitrate nitrogen	БДС ISO 7890-3 (1,2,3,4,5,6)
		1.3. Nitrites/Nitrite nitrogen	БДС EN 26777 (1,2,3,4,5,6)
		1.4. pH	БДС 17.1.4.27 cl. 1 (1,2,3,4,6)
			БДС 3424 cl. 1 (5)
		1.5. Insoluble content	БДС 17.1.4.04 cl. 2 (1,2,3,4,6)
		1.6. Soluble content	БДС 17.1.4.04 cl. 3 (1,2,3,4,6)
		1.7. Total dry residue	БДС 17.1.4.04 cl. 1 (1,2,3,4,6)
		1.8. Dry residue	БДС 3546 (5)
		1.9. Temperature	БДС 17.1.4.01 cl. 4 (1,2,3,4,6)
			БДС EN 8451 (5)
		1.10. BOD(n)	БДС EN ISO 5815-1 (1,2,3,4,6)
			БДС EN 1899-2 (1,2,3,4,6)
		1.11. Dissolved oxygen	БДС EN 25813 (1,2,3,4,6)
		1.12. Chemical oxygen demand / COD	БДС 17.1.4.02 (1,2,3,4,6)

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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
		1.13. Sulfate ions	БДС 17.1.4.03 (1,2,3,4,6)
		1.14. Sulfates	БДС 3588 (5)
		1.15. Iron - total	БДС ISO 6332 (1,2,3,4,5,6)
		1.16. Manganese	БДС 17.1.4.15 (1,2,3,4,6)
			БДС ISO 6333 (5)
		1.17. Permanganate oxidisability	БДС 17.1.4.16 (1,2,3,4,6)
		1.18. Oxidisability	БДС 3413 (5)
		1.19. Specific electrical conductivity	БДС EN 27888 (1,2,3,4,5,6)
		1.20. Chlorides	БДС 17.1.4.24 (1,2,3,4,6)
			БДС 3414 (5)
		1.21. Total hardness (Sum of calcium and magnesium)	БДС ISO 6059 (4,5,6)
		1.22. Calcium	БДС ISO 6058 (4,5,6)
		1.23. Magnesium	VLM 19:2023 (4,5,6)
		1.24. Residual chlorine	VLM 18/2014 (5)
		1.25. Hydrocarbon oil index for petroleum products	БДС EN ISO 9377-2 (1,2,3,4,6)
		1.26. Phosphorus (phosphates), orthophosphates, Total phosphorus	БДС EN ISO 6878 (1,2,3,4,5,6)
		1.27. Total extractable substances	VLM 6:2013 (1,2)
		1.28. Petroleum products	VLM 6:2013 (1,2,6)
		1.29. Total nitrogen	VLM 7:2013 (1,2)
		1.30. Aluminium	VLM 8:2013 (1,4,5,6)
		1.31. Lead	VLM 9:2013 (1,4,5,6)
		1.32. Copper	VLM 10:2013 (1,4,5,6)
		1.33. Nickel	VLM 11:2013 (1,4,5,6)
		1.34. Zinc	VLM 12:2013 (1,4,5,6)
		1.35. Cadmium	VLM 13:2013 (1,4,5,6)
		1.36. Total chromium/ Chromium (VI)/ Chromium (III) – calculation method	VLM 14:2013 (1,4,5,6)
		1.37. Phenols	VLM 16:2013 (1,6)
2.	Emissions of harmful substances, released in atmospheric air from sites with stationary sources	2.1. Dust	БДС EN 13284-1
		2.2. Ammonia /NH_3	БДС 17.2.4.05
		2.3. Nitric oxide / NO	VLM 2:2010
		2.4. Nitric dioxide / NO_2	VLM 2:2010
		2.5. Nitric oxides / NOx ($NO + NO_2$)	VLM 2:2010
		2.6. Carbon oxide / CO	VLM 2:2010
		2.7. Sulfur dioxide / SO_2	VLM 2:2010
		2.8. Oxygen / O_2	VLM 2:2010
		2.9. Hydrocarbons / CH_4	VLM 2:2010
		2.10. Nitrous oxide / N_2O	VLM 5:2010

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
		2.11. Velocity	БДС EN ISO 16911-1
		2.12. Flow rate	БДС EN ISO 16911-1
		2.13. Pressure / sub pressure	БДС EN ISO 16911-1
		2.14. Temperature	БДС EN ISO 16911-1
		2.15. Barometric pressure	БДС EN ISO 16911-1
		2.16. Moisture	БДС EN 14790

To perform sampling of:

Type of the scope: *flexible for part of the scope*		
№	**Product**	**Sampling methods (standard/validated method)**
1	2	3
1.	WATER Waste water (1) Industrial water (2) Domestic and faecal water (3) Surface flowing water (4) Drinking water (5) Groundwater (6)	БДС ISO 5667-5 (5)
		БДС EN ISO 5667-6 (4)
		БДС ISO 5667-10 (1,2,3)
		БДС ISO 5667-11 (6)
2.	Emissions of harmful substances, released in atmospheric air from sites with stationary sources	БДС EN 13284-1
		БДС 17.2.4.05
		БДС EN 14790
		VLM 5:2010
3.	Mineral fertilisers	БДС EN 1482-1:2007, cl.5.4 (sampling from a falling stream); cl.5.8 (sampling from packagings)

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 reference:

1. БДС EN 1482-1:2025	Mineral fertilisers and liming materials. Sampling and sample preparation. Part 1: Sampling, cl.5.4 (Sampling from a falling stream); cl.5.8 (Sampling from packagings).
2. VLM 2:2010	Internal laboratory methodology for the determination of the content of NO, NO_2, NOx, CO, SO_2, O_2 and hydrocarbons (methane) in gas streams by means of a portable gas analyser.
3. VLM 5:2010	Internal laboratory methodology for the determination of nitrous oxide content in emissions (gas streams).
4. VLM 6:2013	Internal laboratory methodology for the determination of the content of total extractable substances and petroleum products.
5. VLM 7:2013	Internal laboratory methodology for the determination of the content of total nitrogen.
6. VLM 8:2013	Internal laboratory methodology for the determination of the content of aluminium.
7. VLM 9:2013	Internal laboratory methodology for the determination of the content of lead.
8. VLM 10:2013	Internal laboratory methodology for the determination of the content of copper.
9. VLM 11:2013	Internal laboratory methodology for the determination of the content of nickel.

10. VLM 12:2013	Internal laboratory methodology for the determination of the content of zinc.
11. VLM 13:2013	Internal laboratory methodology for the determination of the content of cadmium.
12. VLM 14:2013	Internal laboratory methodology for the determination of the content of chromium (determination of chromium VI and total chromium as the sum of chromium (VI) and chromium (III)).
13. VLM 16:2013	Internal laboratory methodology for the determination of the content of phenols.
14. VLM 18:2014	Internal laboratory methodology for the determination of the content of free (residual) chlorine.
15. VLM 19:2023	Internal laboratory methodology for the determination of the content of magnesium in water.

I ORDER

To issue the certificate of accreditation reg. № 181 ЛИ/16.04.2025, valid until 18.09.2027, 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 NEOCHIM Plc, Dimitrovgrad, the head of Testing Laboratory ECOLOGY at NEOCHIM Plc, Dimitrovgrad, 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 № reg. № 181 ЛИ/08.11.2024, valid until 18.09.2027 and its enclosure – EA BAS order reg. № A 418/08.11.2024.

This order shall be notified to the NEOCHIM Plc, Dimitrovgrad, within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director
of Executive Agency Bulgarian Accreditation Service