REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 353

Sofia, 12.11.2025

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies, in connection with item 4.8.3. f) of the BAS QR 2 Accreditation Procedure and EA BAS order reg. № А 352/12.11.2025, I hereby

AMEND

Accreditation certificate reg. № 64 ЛИ/29.07.2022,
and its enclosure, EA BAS order reg. № А 478/29.07.2022

MESSER BULGARIA EOOD
TESTING LABORATORY
PURE GASES AND GAS MIXTURES

Management address: 1528 Sofia, 3A Dimitar Peshev Str.
Laboratory address: 3000 Vratsa, Shose za Mezdra Str.

To perform testing of:

Type of the scope: *fixed*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		Gas mixtures	
1.	Two-component gas mixture methane (CH_4) in complementary gas: argon, nitrogen, carbon dioxide, helium, synthetic air	Methane content (CH_4)	БДС EN ISO 6143:2025
2.	Two-component gas mixture hydrogen (H_2) in complementary gas: argon, nitrogen, carbon dioxide, synthetic air	Hydrogen content (H_2)	БДС EN ISO 6143:2025
3.	Two-component gas mixture carbon monoxide (CO) in complementary gas: argon, nitrogen, carbon dioxide, synthetic air	Carbon monoxide content (CO)	БДС EN ISO 6143:2025
4.	Two-component gas mixture carbon dioxide (CO_2) in complementary gas: argon, nitrogen, helium, synthetic air	Carbon dioxide content (CO_2)	БДС EN ISO 6143:2025

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e-mail: office@nab-bas.bg; web: www.nab-bas.bg

Type of the scope: *fixed*			
№	**Tested products**	**Type of test / characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
5.	Two-component gas mixture helium (He) in complementary gas: argon, nitrogen, carbon dioxide, synthetic air	Helium content (He)	БДС EN ISO 6143:2025
6.	Two-component gas mixture oxygen (O_2) in complementary gas: argon, nitrogen, carbon dioxide, helium	Oxygen content (O_2)	БДС EN ISO 6143:2025
7.	Two-component gas mixture propane (C_3H_8) in complementary: argon, nitrogen, helium, synthetic air	Propane content (C_3H_8)	БДС EN ISO 6143:2025
8.	Two-component gas mixture butane (C_4H_{10}) in complementary gas: argon, nitrogen, helium, synthetic air	Butane content (C_4H_{10})	БДС EN ISO 6143:2025
9.	Four-component gas mixture carbon monoxide (CO), carbon dioxide (CO_2) and propane (C_3H_8) in complementary gas argon, nitrogen, helium, hydrogen, synthetic air	Content of: - Carbon monoxide (CO), - Carbon dioxide (CO_2), - Propane (C_3H_8)	БДС EN ISO 6143:2025
10.	Five-component gas mixture carbon monoxide (CO), carbon dioxide (CO_2), propane (C_3H_8) and oxygen (O_2) in a complementary gas: argon, nitrogen, helium	Content of: - Carbon monoxide (CO), - Carbon dioxide (CO_2), - Propane (C_3H_8), - Oxygen (O_2)	БДС EN ISO 6143:2025
11.	Three-component gas mixture of carbon monoxide (CO) and helium (He), in complementary gas: argon, nitrogen and synthetic air	Content of: - Carbon monoxide (CO), - Helium (He)	БДС EN ISO 6143:2025
12.	Four-component gas mixture of carbon monoxide (CO), carbon dioxide (CO_2) and hydrogen (H_2) in complementary gas: argon, nitrogen, helium	Content of: - Carbon monoxide (CO), - Carbon dioxide (CO_2), - Hydrogen (H_2)	БДС EN ISO 6143:2025
13.	Four-component gas mixture carbon monoxide (CO), carbon dioxide (CO_2) and methane (CH_4) in complementary gas: argon, nitrogen, helium	Content of: - Carbon monoxide (CO), - Carbon dioxide (CO_2), - Methane (CH_4)	БДС EN ISO 6143:2025
14.	Four-component gas mixture carbon monoxide (CO), hydrogen (H_2) and methane (CH_4) in complementary gas: argon, nitrogen	Content of: - Carbon monoxide (CO), - Hydrogen (H_2), - Methane (CH_4)	БДС EN ISO 6143:2025
15.	Four-component gas mixture oxygen (O_2), carbon dioxide (CO_2) and helium (He) in complementary gas: argon, nitrogen	Content of: -Oxygen (O_2), - Carbon dioxide (CO_2), - Helium (He)	БДС EN ISO 6143:2025

I ORDER

To issue the certificate of accreditation reg. № 64 ЛИ/12.11.2025, valid until 29.07.2026, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received at the office of EA BAS by the Manager / representative of the Messer Bulgaria EOOD, the head of the Testing laboratory Pure Gases and Gas Mixtures at Messer Bulgaria EOOD, or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the Testing laboratory Pure Gases and Gas Mixtures at Messer Bulgaria EOOD is obliged to return to EA BAS the originals of accreditation certificate reg. № 64 ЛИ/29.07.2022, valid until 29.07.2026 and enclosure - EA BAS order reg. № А 478/29.07.2022 as an integral part of it.

This order shall be notified to Testing laboratory Pure Gases and Gas Mixtures at Messer Bulgaria EOOD, within 3 (three) days from its issuance.

Eng. Mariya Ilieva-Yordanova

Executive Director
of Executive agency Bulgarian accreditation service