REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilatetal Agreement in this field

ORDER

No. A 156
Sofia, 02.05.2025

Pursuant to art 10, paragraph 1, point 3, art 30, paragraph 1 from Law for national accreditation of conformity assessment body and point 6 from Procedure for accreditation BAS QR 2, in relation to open procedure with Registration number 266/100 OKC/PO/28.10.2024, on-site evaluation report with reference number 266/100 OKC/PO/4/B/13.02.2025 and statement of the Accreditation Commission 266/100 OKC/PO/5/B/29.04.2025

EXTEND THE SCOPE OF ACCREDITATION
"MEDIKO" LTD

Inspection body of "work environment" type C

Registration address:
5400, Sevlievo, Hristo Spiridonov Str No 3

Office address:
5300, Gabrovo, Chumerna Str No 15A

To perform inspections of:

Scope type: flexible for part of the range *

№	Field of Inspection	Type of Inspection	Parameter of Inspection / Characteristic	Test and Measurement Methods Used During Inspection	Regulations, Standards, Specifications, Schemes
1	2	3	4	5	6
1.	Electrical installations and equipment up to 1000 V	On new facilities and/or facilities/equipment in operation	Insulation resistance	Ordinance № RD-02-20-1, STATE GAZETTE. Issue 53 from 2018 ПК 7.1.1-5;	OrdinanceNº 16-116 (STATE GAZETTE, issue 26/2008) OrdinanceNº 3 (STATE GAZETTE issue 90 и 91/2004) OrdinanceNº RD- 02-20-1, State Gazette issue 53 from 2018; TC
			Impedance of the circuit "Phase-protective conductor"	Ordinance № RD-02-20-1, STATE GAZETTE Issue 53 from 2018 ПК 7.1.1-7;	OrdinanceNº 16-116 (STATE GAZETTE, issue 26/2008) OrdinanceNº 3 (STATE GAZETTE issue 90 и 91/2004); TC
			Circuit Breakers - actuation current; - protective earthing resistance; - contact voltage; - shutdown time	Ordinance № RD-02-20-1, STATE GAZETTE Issue 53 from 2018 ПК 7.1.1-14	OrdinanceNº 16-116 (STATE GAZETTE, issue 26/2008) OrdinanceNº 3 (STATE GAZETTE issue 90 и 91/2004); TC
2.	Electrical installations and	On new and/or in-service sites/facilities	Resistance of protective earthing systems	Ordinance	Ordinance № 16-116 (STATE GAZETTE, issue 26/2008) OrdinanceNº 3

	equipment up to and over 1000 V			№ RD-02-20-1, STATE GAZETTE Issue 53 from 26.06.2018 ПК 7.1.1-10	(STATE GAZETTE issue 90 и 91/2004) БДС 15969 ПБЗРЕН (STATE GAZETTE issue 21/2005 Ordinance №21 (STATE GAZETTE issue 41/2007 ТС
			Resistance of lightning protection earthing systems	Ordinance № RD-02-20-1, STATE GAZETTE Issue 53 from 2018 ПК 7.1.1-6	Ordinance № 16-116 (STATE GAZETTE, issue 26/2008) Ordinance №3 (STATE GAZETTE issue 90 и 91/2004) Ordinance №4 (STATE GAZETTE issue 6/2011) Ordinance №21 (STATE GAZETTE issue 41/2007) ТС
3.	Air conditioning systems	On new facilities and/or facilities/equipment in operation	-temperature of air -relative humidity of air	БДС 16686 OrdinanceN° RD-07-3, STATE GAZETTE, issue63/2014 ПК 7.1.1-8	OrdinanceN° 15 (STATE GAZETTE, issue 68/2005), БДС 14776, OrdinanceN° РД-07-3, (STATE GAZETTE issue63/2014) ТС
4.	Ventilation installations	On new facilities and/or facilities/equipment in operation	- air flow speed - (debit) air flow rate	БДС 12.3.018 ПК 7.1.1-9	OrdinanceN° 15 (STATE GAZETTE, issue 68/2005) OrdinanceN° 24 (STATE GAZETTE, issue 95/2003) ТС
5.	Chemical agents in the air of the working environment	On new facilities and/or facilities/equipment in operation	concentration of chemical agents in the air by linear colorimetric methods with indicator tubes	БДС EN 689+AC; БДС EN 482; Methodological guidelines for determination of toxic Methodological guidelines „Higitest" 1987 ПК 7.1.1-4.2	OrdinanceN° 13 (STATE GAZETTE, issue 8/2004); Ordinance №10 (STATE GAZETTE, issue 94/2003); ТС
			concentration of inhalable and respirable dust fraction	БДС 2200; БДС 2280; БДС EN 689+AC, БДС EN 482; ПК 7.1.1-4.1	Ordinance №13 (STATE GAZETTE, issue 8/2004); Ordinance №10 (STATE GAZETTE, issue 94/2003); ТС
			concentration of free crystalline silica dioxide in the respirable fraction of dust in the air of the working medium	БДС 2200; БДС 2280; БДС EN 689+AC; БДС EN 482; ПК 7.1.1-4.3	OrdinanceN° 13 (STATE GAZETTE, issue 8/2004); Ordinance №10 (STATE GAZETTE, issue 94/2003); ТС

			concentration of mineral oils in the air of the working environment	Spectrophotometric methodology for determination of mineral oils in the air of the working environment, "Collection of methods for hygienic assessment", volume III, p.78, National Center for Hygiene, Medical Ecology and Nutrition -Sofia, 1999 ; БДС EN 689+AC; БДС EN 482; ПК 7.1.1-4.4	Ordinance№ 13 (STATE GAZETTE, issue 8/2004); Ordinance №10 (STATE GAZETTE, issue 94/2003); TC
			concentration of chemical agents in the air by colorimetric, Internal procedure for control in method	БДС 15199; БДС 16120; БДС 14981; БДС 14950; БДС 15035; БДС 2599; БДС 15104; БДС 3497; БДС EN 689+AC; БДС EN 482; "Methodological guidelines for determination of toxic aerosols with the device POTA", Association "Higitest", Sofia, 1985 ПК 7.1.1-4.5	Ordinance№ 13 (STATE GAZETTE, issue 8/2004); Ordinance №10 (STATE GAZETTE, issue 94/2003); TC
			air quality of the premises of public buildings by measuring the concentration of carbon dioxide (CO_2)	БДС EN ISO 16000-26 ПК 7.1.1-4.6	БДС EN ISO 16000-26, Application B, Table B.1 TC
6.	Physical factors - Microclimate in work and living environment and heat radiation	On new and / or in operation sites	- air temperature - relative humidity of air - velocity of air movement; - flux density of thermal radiation	БДС 16686 Ordinance№ РД-07-3, (STATE GAZETTE, issue63/2014) ПК 7.1.1-1	Ordinance№ 2 (STATE GAZETTE, issue 15/2007) Ordinance№ 3 (STATE GAZETTE, issue 15/2007) Ordinance№ 8 (STATE GAZETTE, issue 74/1985) Ordinance№ 9 (STATE GAZETTE, issue 46/1994) Ordinance№ 24 (STATE GAZETTE, issue 95/2003), Ordinance№ 26, (STATE GAZETTE issue 103/2008), БДС 14776,

					Ordinance№ RD-07-3, (STATE GAZETTE issue63/2014) Ordinance RD-02-20-3(STATE GAZETTE issue 5/2016); Instruction 34(issue 82/1975); ТС
7.	Physical factors - Artificial lighting (illumination) in work and living environment	On new facilities and/or facilities/equipment in operation	Illumination	Methodical instructions for measurement and evaluation of artificial lighting in buildings 40-85; Publication "Standardization" 1985 ,; ПК 7.1.1-2	Ordinance№ 2 (STATE GAZETTE, issue 15/2007) Ordinance№ 3 (STATE GAZETTE, issue 15/2007) Ordinance№ 9 (STATE GAZETTE, issue 46/1994) Ordinance№ 24 (STATE GAZETTE, issue 95/2003) Ordinance№ 49 (STATE GAZETTE, issue 7/1976) Ordinance№ 26, (STATE GAZETTE issue 103/2008), БДС EN 12464-1; Ordinance RD-02-20-3(STATE GAZETTE issue 5/2016); Ordinance №19(STATE GAZETTE issue 79/2008); Instruction 34(STATE GAZETTE issue 82/1975); Ordinance Із-1971(STATE GAZETTE issue 96/2009); БДС EN 1838- p.4.2.1 and p.4.4.1; ТС
				БДС EN 12464-2 ПК 7.1.1-2.1	БДС EN 12464-2 ТС
8.	Physical factors Noise in work environment	On new facilities and/or facilities/equipment in operation	- daily noise exposure level; - average weekly noise exposure level; - peak sound pressure level;		ТС
				БДС EN ISO 9612 (БДС ISO 1999) ПК 7.1.1-3.1	Ordinance № 6 (STATE GAZETTE, issue 70/2005)

			- equivalent noise level; -noise level;	БДС 15471; ПК 7.1.1-3.2	OrdinanceNº 7, art.138 (STATE GAZETTE, issue 88/1999) OrdinanceNº 9 (STATE GAZETTE, issue 46/1994) OrdinanceNº 26, (STATE GAZETTE issue 103/2008),
9.	Physical factors Noise in premises of residential and public buildings	On new facilities and/or facilities/equip ment in operation	- equivalent noise level; -noise level;	БДС 15471 ПК 7.1.1-3.2	OrdinanceNº 6 (STATE GAZETTE, issue 58/2006) Application №2 table1 OrdinanceNº 2 (STATE GAZETTE, issue 15/2007) OrdinanceNº 9 (STATE GAZETTE, issue 46/1994) OrdinanceNº 24 (STATE GAZETTE, issue 95/2003); OrdinanceNº 26, (STATE GAZETTE issue 103/2008), TC
10.	Physical factors Noise in environment	On new facilities and/or facilities/equip ment in operation	- equivalent noise level;	БДС 15471 ПК 7.1.1-3.3	OrdinanceNº 6 (STATE GAZETTE, issue 58/2006) Application №2 table2 TC
11.	Physical factors – Vibration transmitted to the system "hand-arm" and whole body	On new facilities and/or facilities/equip ment in operation	Daily value of vibration exposure	БДС ISO 2631 - 1 БДС EN ISO 5349 - 1 БДС EN ISO 5349 – 2/A1 ППК 7.1.1-11 ПК 7.1.1-12	OrdinanceNº 3 (STATE GAZETTE, issue 40/2005), TC
12.	Physical factors – Electromagnetic fields	On new facilities and/or facilities/equip ment in operation	Electric field intensity (50 Hz to 40000 MHz) Magnetic flux density (magnetic induction (50 Hz to 2 kHz) Power density: (300 MHz to 40000 MHz) Magnetic field strength: (10 kHz to 30 kHz)	Methodology for research and evaluation of electromagnetic radiation in the departments of physical therapy and rehabilitation – Volume I, Section „ Working environment - Non-ionizing radiation", First Edition, National Center for Hygiene, Medical Ecology and Nutrition Sofia 1999 ПК 7.1.1-13.1 Methodology for research and evaluation of electromagnetic radiation at workplaces with video displays -	OrdinanceNº2 (STATE GAZETTE, issue 15/2007) OrdinanceNº RD-07-5 (STATE GAZETTE, issue 95/2016) Recommendation 1999/519/EO to the council from 12.07.1999 OrdinanceNº9 (STATE GAZETTE, issue 46/1994) OrdinanceNº9, (STATE GAZETTE issue 35/1991), TC

				Volume I, Section "Working environment - Non-ionizing radiation ", National Center for Hygiene, Medical Ecology and Nutrition, Sofia 1999, ПК 7.1.1-13.2 Methodology for research and evaluation of electromagnetic radiation in high voltage substations and substations, Volume I, Section "Working environment - Non-ionizing radiation", National Center for Hygiene, Medical Ecology and Nutrition, Sofia 1999 ПК 7.1.1-13.3 Methodology for measuring and estimating the electromagnetic field in the populated area of transmitting antennas to mobile communication systems Volume IV Section "Urban environment - Non-ionizing radiation", National Center for Hygiene, Medical Ecology and Nutrition, Sofia 1999 ПК 7.1.1-13.5 Optional guide to good practice in the application of Directive 2013/35/EU on electromagnetic fields, Volume 1: A Practical Guide. A practical guide to good practice in the application of Directive 2013/35/EU, on electromagnetic fields, Volume 2: Case studies Optional guide to good practice in the application of Directive	

				2013/35/EU, on electromagnetic fields, Guide for Small and Medium Enterprises (SMEs) ПК 7.1.1-13.4	
13.	Physical tension	Individuals	Heartbeat	Method for telemetric measurement of heart rate at work - Collection of methods for hygienic measurements, p. II of National Center for Hygiene, Medical Ecology and Nutrition, 2000, ПК 7.1.1-15	Method for telemetric measurement of heart rate at work - Collection of methods for hygienic measurements,, p. II of National Center for Hygiene, Medical Ecology and Nutrition, 2000, ТС
14.	Hot environment - assessment of heat load	On new facilities and/or facilities/equipment in operation	Heat load index WBGT through - Temperature at natural humidity; - Black sphere temperature - Air temperature	БДС EN ISO 7243; ПК 7.1.1-16	БДС EN ISO 7243; ТС
15.	Optical polychromatic radiation	On new facilities and/or facilities/equipment in operation я	Exposure estimation to optical incoherent radiation: - Power density /irradiation/ - Amount of radiation /energy dose/ - Power density per unit spatial angle	БДС EN 14255-1 БДС EN 14255-2 ПК 7.1.1-17	Ordinance №5, STATE GAZETTE issue 49/2010 ; ТС
16.	**Thermal radiation from appliances, apparatus, machines, equipment and others	On new facilities and/or facilities/equipment in operation я	Object temperature using thermal method	**ВВМК- 01/2020, version 02/29.07.2022 РД 153- 34.0-20.363-99; ПК 7.1.1-18 Version 02/29.07.2022	Ordinance №3, STATE GAZETTE issue 90/2004 and 91/2004); Ordinance №9(STATE GAZETTE issue 72/2004); ТС
17.	Electrochemical protection of underground metal facilities	On new and/or in operation sites/facilities	-Transient resistance of the insulation coating according to the Cathodic polarization method - Anodic earthing resistance	БДС 15705 БДС EN13509 ПК 7.1.1-19	БДС 15704 БДС 15705 Ordinance on the device, safe operation and technical supervision of gas facilities and installations for liquefied hydrocarbon gases, art.15

			- Stationary potential - Polarization potential - Strength of the current flowing through the facility - Specific soil resistance		(STATE GAZETTE issue 82/2004) Ordinance on the device, safe operation and technical supervision of pressure equipment, art.134, art.136, art.137, art.138, art.139 (STATE GAZETTE issue 64/2008) Ordinance on the design and safe operation of transmission and distribution gas pipelines and natural gas facilities, installations and appliances (STATE GAZETTE issue 67/2004) TC

Reference:

***Flexible scope:** *The introduction of a new version of standards/documents or standards/documents that supersede them is allowed. An up-to-date list of standards/documents with their dated versions is provided by the CAB*

Ordinance No 16-116 for technical operation of energy equipment (SG, issue 26/2008)
Ordinance No 3 for electrical installations and electrical power lines (SG, issue 90/2004 and issue 91/2004)
Ordinance No 4 for lightning protection of buildings, outdoor equipment and open spaces (SG issue 6 of 18.01.2011)
ПБЗРЕН - RULES FOR SAFETY AND HEALTH AT WORK IN ELECTRICAL SUPPLY WITH VOLTAGE UP TO 1000 V (State gaze 41/2007)
Ordinance No RD-02-20-1 for technical rules and regulations for control and acceptance of electrical work,upd. SG issue 53 of 25th June 2018;
Ordinance 2 (SG 15/2007) about health requirements to computer and internet rooms for public use
Ordinance 3 (SG 15/2007) for the health requirements for Kinder garden.
Ordinance 9 (SG 46/1994) on the health and hygiene requirements for the use of our personal computers in the education and extracurricular activities of students
Ordinance 24 (SG issue 95/2003) about sanitary-hygiene requirements for night clubs.
Ordinance No RD- 07-3 for minimum requirements for microclimate in working places(SG, issue63/2014)
Ordinance 49 (SG 7/1976, amended SG 4/1976) for artificial lighting of buildings
Methodological guidelines for measurement and assessment of artificial lighting in buildings 40-85, Compendium of methods NCHMEH, volume IV, ed. Standardization, 1985
Ordinance 6 (SG 70/2005) on the minimum requirements for ensuring health and the safety of workers in the event of risks related to noise exposure.
Ordinance 6 on environmental noise indicators, taking into account the degree of discomfort during different parts of the day, the limit values of environmental noise indicators, in the premises of residential and public buildings, in areas and territories intended for residential construction, recreational areas and mixed-use territories and zones, the methods for evaluating the values of the noise indicators and the harmful effects of noise on the health of the population (Government Gazette No. 58/2006)
Ordinance 26 for the device and the activity of nurseries and children's kitchens and the health requirements to them(SG, issue 103/2008)
Ordinance 7 (SG 88/1999) the minimum requirements for health and safety at work and in the use of work equipment;
Ordinance 8 (SG 74/1985) on the microclimate in the underground mines
Ordinance 3 (SG issue 40/2005) on the minimum requirements for ensuring health and the safety of workers in the event of risks related to vibration exposure;
Ordinance No RD- 02-20-3 for for design, implementation and maintenance of public service buildings in the field of education and science, healthcare, culture and arts(SG, issue 5/2016);
Ordinance №19 for the structure and operation of the optics and the health requirements to them (upd. SG issue 79/2008);
Ordinance Із-1971 for construction technical rules and norms to purpose fire safety (upd. SG issue 96/2009)
Ordinance No 15 for operational rules and norms for design, construction and exploitation of facilities and equipment for production, distribution of heat energy(SG issue 68/2005)

Ordinance No 13 about protection of employees from hazards from exposition of chemical agents in work. (upd SG issue 8/2004);
Ordinance №10 (SG, issue 94/2003) for the protection of workers from the risks related to exposure to carcinogens and mutagens at work
Instruction №34 for the hygiene of sports facilities and equipment (SG issue 82/1975);
MGDTGVRAWELCM-Methodological guidelines for the determination of toxic gases and vapors in the air of a working environment by linear colorimetric methods, book 2, ed. Medical Academy, Scientific Institute of Hygiene and Occupational Diseases, Higitest Association, 1987
Spectrophotometric methodology for the determination of mineral oils in the air of the working environment, "Compendium of methods for hygienic evaluation", volume III, page 78, NCHMEH-Sofia, 1999
Methodological guidelines for determining toxic aerosols with the POTA device, Higitest Association, Sofia, 1985
Ordinance Rd-07-5 (SG 95/2016) on the minimum requirements for ensuring health and the safety of workers in the event of risks related to exposure to electromagnetic fields;
Ordinance 9 (SG 35/1991) about maximum permissible levels of electromagnetic fields in populated areas and determination of hygienic protective zones around radiating objects;
Ordinance 5 (SG issue 49/2010) on the minimum requirements for ensuring the health and safety of workers in case of risks related to exposure to artificial optical radiation.
Ordinance №9 for technical exploitation of electrical centrals and nets,(upd. SG issue 72/2004)
Council Recommendation 1999/519/EO of 12.07.1999 on limiting the exposure of the population to electromagnetic fields (from 0 Hz to 300 GHz)
Methodology for the study and assessment of electromagnetic radiation in physical therapy and rehabilitation departments - Volume I, Section "Working Environment-Non-Ionizing Radiations", NCHMEH, first edition, Sofia 1999
Methodology for research and assessment of electromagnetic radiation in physical therapy and rehabilitation departments - Compendium of methods for hygiene research, Volume I, Section "Working environment-Non-ionizing radiation", NCHMEH, Sofia 1999
Methodology for research and evaluation of electromagnetic radiation in high voltage substations (ORU and ZRU) and substations - Compendium of methods for hygiene studies, Volume I, Section "Working environment - Non-ionizing radiations", NCHMEH, Sofia 1999
Methodology for measurement and evaluation of the electromagnetic field in the populated vicinity of transmitting antennas to mobile connection systems - Compendium of methods for hygiene studies, Volume IV, Section "Residential environment - Non-ionizing radiations", NCHMEH, Sofia 2002
Non-mandatory guide to good practice in the application of Directive 2013/35/EU, on electromagnetic fields, Volume 1: Practical guidance
Practical guide to good practice in the application of Directive 2013/35/EU, on electromagnetic fields, Volume 2: Case studies
Non-mandatory guide to good practice in the implementation of Directive 2013/35/EU, on Electromagnetic fields, Guide for SMEs (small and medium-sized enterprises)
OCSOTDGPNGFIA - Ordinance on the construction and safe operation of transmission and distribution gas pipelines and natural gas facilities, installations and appliances (SG No. 67/2004)
ODSOTSGFILHG - Ordinance on the device, safe operation and technical supervision of gas facilities and installations for liquefied hydrocarbon gases (SG No. 82/2004)
ODSOTSPE - Ordinance on the device, safe operation and technical supervision of pressure equipment (SG No. 64/2008)
Method for telemetric measurement of heart rate during work - Compendium of methods for hygienic measurements, item II of the National Institute of Health and Welfare, 2000
TC - Customer Technical Specification
****Fixed range:**
VVMK - 01/2020 Internally validated method for controlling the thermal radiation of devices, apparatus, machines, equipment, etc. by thermographic measurement (Version 02 from 29.07.2022)

ORDER

To issue a Certificate for accreditation with registration N 100 OKC from 02.05.2025 valid until 23.12.2026 with application of this order, an integral part of it.
The certificate for accreditation with the attached present order to be received from the Manager of "MEDIKO" Ltd, Sevlievo, the Head of OCC or other authorized person from the building of EA BAS.
Upon receiving of issued certificate and the application, accredited body is required to return to EA BAS the original of certificate for accreditation Reg №100 OKC /23.12.2022 and application- order of EA BAS № A 714 from 23.12.2022.
This order to be communicated to "Mediko" LTD, town of Sevlievo, within 3 (three) - days from its issuance.

Eng. Irena Borislavova
Executive Director of
Executive Agency Bulgarian Accreditation Service