



ORDER

№ A 291

Sofia, 26.07.2024

Pursuant of Art. 10, para. 1, item 4, Art. 28, para 1, of the Law on National Accreditation of Conformity Assessment bodies and item 4.3.7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 21/94 ОКC/ПА/20.12.2023, assessment report reg. № 21/94 ОКC/ПА/4/В/14.03.2024, annex G-2 Section reg. № 21/94 ОКC/ПА/6/В/12.04.2024, statement of the Accreditation Commission № 21/94 ОКC/ПА/9/В/18.07.2024, I hereby

RE-ACCREDIT

INSPECTION BODY OF TYPE C „AERO CONTROL”

„AERO CONTROL” EOOD, PLOVDIV

Management address: 4168 Chernozemen village, 15th St. No. 8, Kaloyanovo municipality
Office address: 4303 Plovdiv, „Vasil Levski” St. No. 272, p.k. 16

To perform inspection of the following scope:

Type of scope: <i>Flexible*</i>					
No	Field of Inspection	Type of Inspection	Parameter of Inspection/Characteristic	Test and Measurement Methods Used During Inspection, Inspection Procedure	Ordinance s, Standards, Specifications, Schemes
1	2	3	4	5	6
1.	Aerodynamic parameters of heating ventilation and air-conditioning systems	New and/or existing sites and equipment	Air flow velocity	БДС EN 12599 БДС 12.3.018 Methods for exercising ongoing control of HVAC/ Ministry of Labor and Social Policy, 1993, РПК 01.00	Ordinance No 15 (State Gazette, issue 68/2005) Technical Specifications
			Air temperature	БДС EN 12599 РПК 01.00	Ordinance No 15 (State Gazette, issue 68/2005) Technical Specifications
			Air flow rate measured by air flow velocity	БДС EN 12599 БДС 12.3.018 РПК 01.00	Ordinance No 24 (State Gazette, issue 95/2003) Technical Specifications

			Air flow rate measured by differential pressure	БДС EN 12599 БДС 12.3.018 РПК 01.00	Ordinance No 15 (State Gazette, issue 68/2005) Ordinance No 24 (State Gazette, issue 95/2003) Technical Specifications
			Directly measured air flow rate	БДС EN 12599 БДС 12.3.018 РПК 01.00	Technical Specifications
2.	Heat engineering parameters of heating ventilation and air-conditioning systems	New and/or existing sites and equipment	Heat capacity measured by air flow temperature and/or heat medium, differential pressure and air flow velocity	БДС EN 12599 БДС 12.3.018 Instructions for the conduction of technical tests on HVAC systems in industrial enterprises/ NIOTE, 1985 РПК 02.00	Technical Specifications
			Cold capacity measured by air flow temperature and/or cold medium, differential pressure and air flow velocity	БДС EN 12599 БДС 12.3.018 Instructions for the conduction of technical tests on HVAC systems in industrial enterprises/ NIOTE, 1985 РПК 02.00	Technical Specifications
			Specific air humidity	Instructions for the conduction of technical tests on HVAC systems in industrial enterprises/ NIOTE, 1985 РПК 02.00	Technical Specifications
			Full pressure in filters; pressure drop in filters; heat content in air and moisture content in air	БДС 12.3.018 РПК 02.00	Technical Specifications
3.	Fans	New and/or existing sites and equipment	Revolutions of the rotating parts	РПК 03.00	Technical Specifications
			Air flow rate of the fan	БДС EN 12599 БДС 12.3.018 РПК 03.00	Technical Specifications
			Head pressure of the air coming from the fan	БДС EN 12599 БДС 12.3.018 РПК 03.00	Technical Specifications
4.	Air ducting systems and new brick wall ventilation and air-conditioning channels	New and/or existing sites and equipment	Static pressure in air ducting ventilation and air-conditioning channels	БДС 12.3.018 РПК 04.00	Technical Specifications
			Specific air passage through air ducting ventilation and air-conditioning channels measured by control of differential pressure, air flow	БДС EN 12599 Practical manual for testing the air passage in air ducting	БДС EN 1507 БДС EN 12237 Technical Specifications

			temperature and barometric air pressure	systems. DW/143/ Association of HV contractors in the UK, 2000 РПК 04.00	
5.	Housings of air-conditioning chambers	New and/or existing sites and equipment	Static air pressure in the housing of air-conditioning chambers	БДС EN 1886 БДС EN ISO 16890-1 РПК 05.00	БДС EN 1886 Technical Specifications
			Specific air passage through the housing of air-conditioning chambers measured by control of differential pressure, air flow temperature and barometric air pressure	БДС EN 12599 БДС EN 1886 РПК 05.00	БДС EN 1886 Technical Specifications
6.1	Staircases and elevator cabins	New and/or existing sites and equipment	Static air pressure in staircases and/or elevator cabins	БДС 12.3.018 РПК 06.01	Ordinance No Is-1971, Art.73, par.1 (State Gazette, issue 96/2009)
6.2	Smoke ventilation systems for staircases, vestibules, elevator shafts and hallways	New and/or existing sites and equipment	Differential pressure	БДС 12.3.018 РПК 06.02	БДС EN 12101-6 Technical Specifications
			Network differential pressure	БДС 12.3.018 РПК 06.02	БДС EN 12101-6 Technical Specifications
			Air velocity through doors	БДС 12.3.018 РПК 06.02	БДС EN 12101-6 Technical Specifications
			Door opening strength	БДС EN 12101-6 РПК 06.02	БДС EN 12101-6 Technical Specifications
7.	Dust collectors and pneumatic conveyors	New and/or existing sites and equipment	Revolutions of the rotating parts	РПК 07.0	Technical Specifications
			Air flow velocity	БДС 12.3.018 Methods for exercising ongoing control of HVAC/ MTSG, 1993, РПК 07.00	Ordinance No 15 (State Gazette, issue 68/2005) Technical Specifications
			Air flow rate measured by differential pressure	БДС EN 12599 БДС 12.3.018 РПК 07.00	Ordinance No 15 (State Gazette, issue 68/2005) Technical Specifications
			Air flow rate of the fan	БДС EN 12599 БДС 12.3.018 РПК 07.00	Technical Specifications
			Head pressure of the air coming from the fan	БДС EN 12599 БДС 12.3.018 РПК 07.00	Technical Specifications
			Pressure drop in cyclone and/or sleeve filter	БДС 12.3.018 РПК 07.00	Technical Specifications
			Local resistance coefficient presented as a ratio between the full pressures and the dynamic pressure at the inlet	БДС 12.3.018 РПК 07.00	Technical Specifications

8.	Microclimate of work environment	New and/or existing sites and equipment	Air temperature; Specific air humidity Air flow velocity	Ordinance No RD-07-3 (State Gazette, issue 63/2014) РПК 08.00	Ordinance No RD-07-3 (State Gazette, issue 63/2014) Ordinance No 24 (State Gazette, issue 95/2003) Technical Specifications
9.	Artificial lighting	New and/or existing sites and equipment	Illumination	Methodical instructions for measurement and evaluation of artificial lighting inside buildings, 40-85, Standardization Publisher, 1985; РПК 09.00	Ordinance No 49 (State Gazette, issue 7/1976) Ordinance No 24 (State Gazette, issue 95/2003) Ordinance No 2 (State Gazette, issue 15/2007) Ordinance No 9 (State Gazette, issue 46/1994) Ordinance No 3 (State Gazette, issue 15/2007) Ordinance No 26 (State Gazette, issue 103/2008) БДС EN 12464-1 Technical Specifications
10.1	Noise in work environment	New and/or existing sites and equipment	Daytime noise level exposure; Average weekly noise level exposure; Peak noise level pressure; Noise level, Noise level equivalent	БДС EN ISO 9612 БДС ISO 1999 РПК 10.00	Ordinance No 6 (State Gazette, issue 70/2005) Technical Specifications
10.2	Noise inside residential and public buildings	New and/or existing sites and equipment	Noise level, Noise level equivalent	БДС 15471 РПК 10.00	Ordinance No 6 Annex No 2 Table No 1 (State Gazette, issue 58/2006) Ordinance No 7, Art.138 (State Gazette, issue 88/1999) Ordinance No 24 (State Gazette, issue 95/2003) Ordinance No 9 (State Gazette, issue 46/1994) Ordinance No 6 (State Gazette, issue 16/1977) Technical Specifications
11.1	Chemical agents - airborne dust in work environment	New and/or existing sites and equipment	Concentration of airborne dust in work environment: - inhalation fraction - respiratory fraction	БДС EN 689 БДС EN 482 БДС 2200 РПК 11.01	Ordinance No 13 (State Gazette, issue 8/2004) Technical Specifications

11.2	Chemical agents – airborne gas and vapors in work environment	New and/or existing sites and equipment	Concentration of airborne gas and vapors in work environment by the express linear-colorimetric test method –tubes indicators	БДС EN 689 БДС EN 482 РПК 11.02	Ordinance No 13 (State Gazette, issue 8/2004) Technical Specifications
12.	Electrical installations inside buildings	New and/or existing sites and equipment	Conductor continuity; Electrical wiring insulation resistance; protection by SELV, PELV or circuit separation; resistance/impedance of floor and walls; Automatic switch off of power supply; additional protection; polarity test; phase sequence test; functional and operational test; voltage drop	БДС HD 60364-6 РПК 12.00	Ordinance No 16-116 (State Gazette, issue 26/2008) Ordinance No 3 (State Gazette, issue 90 and 91/2004) БДС HD 60364-6 БДС HD 60364-5-52 Technical Specifications
13.	Electrical installations and equipment up to and more than 1000 V	New and/or existing sites and equipment	Resistance of protecting and grounding installations	РПК 13.00	Ordinance No 16-116 (State Gazette, issue 26/2008) Ordinance No 3 (State Gazette, issue 90 and 91/2004) Technical Specifications
14.	Electrical installations and equipment up to and more than 1000 V	New and/or existing sites and equipment	Resistance of lightning and grounding installations	РПК 14.00	Ordinance No 16-116 (State Gazette, issue 26/2008) Ordinance No 4 (State Gazette, iss 6/2011) Ordinance No 3 (State Gazette, issue 90 and 91/2004) Technical Specifications
15.	Electrical installations and equipment up to 1000 V	New and/or existing sites and equipment	Zs impedance of the phase-protecting conductor loop	РПК 15.00	Ordinance No 3 (State Gazette, issue 90 and 91/2004) Ordinance No 16-116 (State Gazette, issue 26/2008) Technical Specifications
16.	Electrical installations and equipment up to 1000 V	New and/or existing sites and equipment	Protecting circuit breakers: - triggering current - resistance of the protective earth conductor	РПК 16.00	Ordinance No 3 (State Gazette, issue 90 and 91/2004) Ordinance No 16-116 (State

					Gazette, issue 26/2008) Technical Specifications
17.	Electrical installations and equipment up to 1000 V	New and/or existing sites and equipment	Insulation resistance	БДС 1986, point 3.3 a), b), d), e) НИЕМС-1995 РПК 17.00	Ordinance No 3 (State Gazette, issue 90 and 91/2004) Ordinance No 16-116 (State Gazette, issue 26/2008) Technical Specifications

** The introduction of a new version of standards / documents or standards / documents that replace them is allowed. An up-to-date list of standards / documents with their dated versions is provided by the Conformity assessment bodies.*

Ordinance No 16-116 on the technical operation of electrical equipment (State Gazette, issue 26/2008, rev.42/2015)

Ordinance No 3 on the structure of electrical installations and electrical conductor lines (State Gazette, issue 90 and 91/2004, rev.42/2015)

Ordinance No 4 on the lightning protection of buildings, external installation and outdoor areas (State Gazette, issue 6/2011)

Ordinance No 7 on the minimum requirements for health and safety at the work place and the safe handling of work equipment (State Gazette, issue 88/ 1999, rev.95/2016)

Ordinance No 6 on ensuring normal acoustic setting in residential and public buildings and areas (State Gazette, issue 16/1977)

Ordinance No 13-1971 on the construction and technical norms and rules for fire safety (State Gazette, issue 96/2009, rev.63/2018)

Methods for exercising ongoing control of HVAC/ Ministry of Labor and Social Policy, 1993;

НИЕМС-1995 Norms for testing electrical machinery and equipment – 1995 – Energy Power Committee;

Ordinance No 13 on the protection of staff from the risks of exposure to chemical agents at the work place (State Gazette, issue 8/2004, rev. 5/2020)

Ordinance No 2 on the health requirements with regard to computers and internet clubs for public use (State Gazette, issue 15/2007)

Ordinance No 3 on the health requirements for daycare centers and kindergartens (State Gazette, issue 15/2007, rev.85/2012)

Ordinance No 6 on the minimum requirements for ensuring the health and safety of staff risking exposure to noise (State Gazette, issue 70/2005)

Ordinance No 6 on the indicators of environmental noise, taking into account the degree of discomfort in different parts of the day, the limit values of noise indicators in the environment, in the premises of residential and public buildings, in zones and territories intended for residential construction, recreational zones and territories and zones with mixed purpose, the methods of assessing the performance levels of noise, and harmful effects of noise on human health (SG No 58/ 2006, rev.24/2022)

Ordinance No 9 on the health and hygiene requirements for using personal computers for educational purposes and for extracurricular activities (State Gazette, issue 46/1994)

Ordinance No 24 on the health and hygiene requirements for nightclubs (State Gazette, issue 95/2003, rev.100/2003)

Ordinance No 49 on the artificial lighting inside buildings (State Gazette, issue 7/1976, rev.64/1976)

Ordinance No RD-07-3 on the minimum requirements for microclimate in work environment (State Gazette, issue 63/2014)

Methodical instructions for measurement and evaluation of artificial lighting inside buildings, 40-85, Methods, volume IV, Standardization Publisher, 1985;

Ordinance No 15 on the engineering standards and rules for designing, building and operating sites and equipment intended for the production, transmission and distribution of heat energy (State Gazette, issue 68/2005, rev.6/2016)

Ordinance No 26 on the structure and operation of nurseries and bay catering and the relevant health requirements (State Gazette, issue 103/2008, rev.53/2022)

Technical specifications

I ORDER

To issue a Certificate of accreditation with registration № 94 OKC/26.07.2024 valid until 26.07.2028 with the present Order annexed as an integral part of it.

The Certificate of accreditation together with the Order to be received by the Managing Director/ Representative of „AERO CONTROL” EOOD, PLOVDIV, the head of the Inspection Body or another authorized person in the premises of the EA BAS.

Upon receipt of the issued certificate, the accredited entity is obliged to return to the EA BAS the originals of the Certificate of accreditation with Reg. № 94 OKC/11.04.2023 and the annex to it – Order № A 158/11.04.2023 of the EA BAS.

This Order shall be notified to „AERO CONTROL” EOOD, PLOVDIV within 3 (three) days from its issuance.


Eng. Irena Borislavova

Executive Director of EA BAS



