EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. **127/2026**

ENERGIZE GROUP s.r.o.
with registered office Jižní Předměstí 2923, 301 00 Plzeň
Company Registration No. 25231146

for the Calibration Laboratory No. **2254**
CALIBRATION SERVICE CENTER

Scope of accreditation:

Calibration in the fields of electrical quantities, frequency, pressure, temperature, and air humidity to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 435/2025 of 21/08/2025, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **21/08/2030**

Prague: 17/03/2026

Signed in the Czech original:
Jan Velíšek on 17/03/2026

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová

The Appendix is an integral part of
Certificate of Accreditation No. 127/2026 of 17/03/2026

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

ENERGIZE GROUP s.r.o.
CAB number 2254, CALIBRATION SERVICE CENTER
Jižní Předměstí 2923, 301 00 Plzeň

CMC for the field of measured quantity: Pressure, mechanical stress

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min	unit	max	unit					
1*	Gauge pressure and absolute pressure[4] / deformation and digital manometers and pressure transducers	-95 kPa	to	-2.5 kPa		medium air	60 Pa	Comparison with a digital manometer	92/75-15-1	
		-2.5 kPa	to	2.5 kPa			2 Pa	Comparison with a micromanometer	92/75-15-2	
		2.5 kPa	to	20 kPa		medium nitrogen	4 Pa	Comparison with a ball manometer	92/75-15-3	
		20 kPa	to	200 kPa			2.10^{-4}			
		0.2 MPa	to	1 MPa			250 Pa			
		1 MPa	to	10 MPa			25.10^{-5}			
2*	Gauge pressure and absolute pressure[4] / deformation and digital manometers and pressure transducers	0.025 MPa	to	0.6 MPa		medium oil	300 Pa	Comparison with a piston manometer	92/75-15-1, 92/75-15-2	
		0.6 MPa	to	60 MPa			5.10^{-4}		92/75-15-3	
3*	Absolute pressure / deformation and digital manometers and pressure transducers	0 kPa	to	100 kPa		medium air	26 Pa	Comparison with a digital manometer	92/75-15-1, 92/75-15-2, 92/75-15-3	
		100 kPa	to	200 kPa			1.10^{-4} + 23 Pa			

[1] Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

[4] In the case of absolute pressure measurement (the resulting pressure is the sum of barometric pressure and gauge pressure), the CMC for absolute pressure measurement is one of the components of type B uncertainties.

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ENERGIZE GROUP s.r.o.
CAB number 2254, CALIBRATION SERVICE CENTER
Jižní Předměstí 2923, 301 00 Plzeň

CMC for the field of measured quantity: Temperature

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min	unit		max	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
1	Thermocouple S	100	°C	to	500	°C		0.70 °C	Comparison with a standard resistance sensor in a calibrating oven	92/75-14-1	
		400	°C	to	1,100	°C		1.6 °C	Comparison with a standard thermoelectric sensor in a horizontal furnace		
2	Thermocouple - base metals	0	°C	to	30	°C		0.40 °C	Comparison with a standard resistance sensor in a calibrating oven	92/75-14-1	
		30	°C	to	200	°C		0.43 °C	Comparison with a standard resistance sensor in a calibrating oven or oil bath		
		200	°C	to	500	°C		0.63 °C	Comparison with a standard resistance sensor in a calibrating oven		
		500	°C	to	1,100	°C		1.6 °C	Comparison with a standard thermoelectric sensor in a horizontal furnace		
3	Resistance thermometer	-30	°C	to	30	°C		0.27 °C	Comparison with a standard resistance sensor in a climatic chamber	92/75-14-2	
		30	°C	to	200	°C		0.16 °C	Comparison with a standard resistance sensor in oil bath		
		200	°C	to	500	°C		0.53 °C	Comparison with a standard resistance sensor in a calibrating oven		
4	Glass thermometer				0	°C		0.11 °C	Comparison with a standard resistance sensor in a Dewar flask	92/75-14-3	
		30	°C	to	200	°C		0.15 °C	Comparison with a standard resistance sensor in a calibrating oven or oil bath		
5	Analogue and digital thermometer	-30	°C	to	30	°C		0.27 °C	Comparison with a standard resistance sensor in a climatic chamber	92/75-14-4	
		30	°C	to	200	°C		0.16 °C	Comparison with a standard resistance sensor in a calibrating oven or oil bath		
		200	°C	to	500	°C		0.53 °C	Comparison with a standard resistance sensor in a calibrating oven		

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min	unit		max	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
		500 °C		to	1100 °C			1.6 °C	Comparison with a standard thermoelectric sensor in a horizontal furnace		
6*	Direct indicating thermometers and measuring chains	-30 °C		to	200 °C			0.30 °C	Comparison with a standard resistance thermometer in a calibrating oven	92/75-14-5	
		200 °C		to	500 °C			0.60 °C			
		500 °C		to	1,100 °C			1.7 °C	Comparison with a standard thermoelectric sensor		
7*	Temperature calibrators and meters								Simulation and measurement of DC voltage of thermoelectric temperature sensors	92/75-17-7	
	type R thermocouples	-50 °C		to	1,760 °C			2.1 °C			
	type S thermocouples	-50 °C		to	1,760 °C			2.1 °C			
	type B thermocouples	0 °C		to	1,820 °C			1.8 °C			
	type J thermocouples	-210 °C		to	1,200 °C			0.7 °C			
	type T thermocouples	-270 °C		to	400 °C			0.5 °C			
	type E thermocouples	-270 °C		to	1,000 °C			0.5 °C			
	type K thermocouples	-270 °C		to	1,370 °C			0.8 °C			
	type N thermocouples	-270 °C		to	1,300 °C			0.8 °C			
	Pt100 resistance sensors	-200 °C		to	850 °C			0.4 °C	Simulation and measurement of resistance of resistance temperature sensors		
	Pt200 resistance sensors	-200 °C		to	850 °C			0.3 °C			
	Pt1000 resistance sensors	-200 °C		to	850 °C			0.5 °C			
	Ni100 resistance sensors	-60 °C		to	250 °C			0.2 °C			

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[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

ENERGIZE GROUP s.r.o.
CAB number 2254, CALIBRATION SERVICE CENTER
Jižní Předměstí 2923, 301 00 Plzeň

CMC for the field of measured quantity: Air humidity

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min	unit	max	unit					
1	Analogue and digital hygrometers, humidity transducers and humidity measuring chains, including humidity probes	10 % RH	to	90 % RH		18°C to 28°C	1.4 % RH	Comparison with a reference humidity transducer in a climatic chamber	92/75-14-6	

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[3] If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).

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ENERGIZE GROUP s.r.o.
CAB number 2254, CALIBRATION SERVICE CENTER
Jižní Předměstí 2923, 301 00 Plzeň

CMC for the field of measured quantity: Electrical quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min	unit		max	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
1*	DC voltage / DC voltage meters and sources								Comparison or direct measurement with a standard multimeter	92/75-17-1, 92/75-17-6, 92/75-17-9	
		0	mV	to	10	mV		0.0050 % + 0.3 µV			
		10	mV	to	200	mV		0.0017 %			
		200	mV	to	2	V		0.0010 %			
		2	V	to	20	V		0.0009 %			
		20	V	to	1000	V		0.0014 %			
	inspection equipment	1	kV	to	5	kV		0.48 %	Measurement by a calibrator of inspection instruments		
2*	DC current / DC current meters and sources								Comparison or direct measurement with a standard multimeter	92/75-17-1, 92/75-17-6, 92/75-17-9	
		1	µA	to	10	µA		0.015 %			
		10	µA	to	200	µA		0.012 %			
		200	µA	to	20	mA		0.0082 %			
		20	mA	to	10	A		0.0062 %	Comparison or measurement with a standard multimeter with a current shunt		
		10	A	to	100	A		0.013 %			
		100	A	to	1000	A		2.4 %			
	clamp tester	1	mA	to	1000	A		0.35 %	Measurement of current simulated by a standard calibrator with current coil		

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min	unit		max	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
3*	AC voltage / AC voltage meters and sources	10	mV	to	200	mV	40 Hz to 100 Hz	0.020 % + 15 µV	Comparison or direct measurement with a standard multimeter	92/75-17-1, 92/75-17-6, 92/75-17-9	
							100 Hz to 2 kHz	0.015 % + 14 µV			
							2 kHz to 10 kHz	0.022 % + 15 µV			
							10 kHz to 30 kHz	0.040 % + 15 µV			
							30 kHz to 100 kHz	0.089 % + 15 µV			
		200	mV	to	2	V	40 Hz to 100 Hz	0.013 % + 32 µV			
							100 Hz to 2 kHz	0.012 % + 32 µV			
							2 kHz to 10 kHz	0.013 % + 32 µV			
							10 kHz to 30 kHz	0.025 % + 52 µV			
							30 kHz to 100 kHz	0.059 % + 0.24 mV			
		2	V	to	20	V	40 Hz to 100 Hz	0.013 % + 0.32 mV			
							100 Hz to 2 kHz	0.012 % + 0.32 mV			
							2 kHz to 10 kHz	0.013 % + 0.32 mV			
							10 kHz to 30 kHz	0.025 % + 0.52 mV			
							30 kHz to 100 kHz	0.059 % + 2.4 mV			
		20	V	to	200	V	40 Hz to 100 Hz	0.014 % + 3.2 mV			
							100 Hz to 2 kHz	0.012 % + 3.2 mV			
							2 kHz to 10 kHz	0.014 % + 3.2 mV			
							10 kHz to 30 kHz	0.026 % + 5.2 mV			
							30 kHz to 100 kHz	0.059 % + 24 mV			
		200	V	to	1000	V	40 Hz to 10 kHz	0.015 % + 26 mV			
							10 kHz to 30 kHz	0.031 % + 58 mV			
	inspection equipment	1	kV	to	5	kV	50 Hz, 60 kHz	0.48 %	Measurement by a calibrator of inspection instruments		

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min	unit		max	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
4*	AC current / AC current meters and sources								Comparison or direct measurement with a standard multimeter	92/75-17-1, 92/75-17-6, 92/75-17-9	
		10 µA		to	200 µA		40 Hz to 1 kHz	0.035 % + 0.024 µA			
							1 kHz to 5 kHz	0.048 % + 0.024 µA			
		200 µA		to	2 mA		40 Hz to 1 kHz	0.033 % + 0.24 µA			
							1 kHz to 5 kHz	0.038 % + 0.24 µA			
		2 mA		to	20 mA		40 Hz to 1 kHz	0.033 % + 2.4 µA			
							1 kHz to 5 kHz	0.038 % + 2.4 µA			
		20 mA		to	200 mA		40 Hz to 1 kHz	0.032 % + 24 µA			
							1 kHz to 5 kHz	0.037 % + 24 µA			
		200 mA		to	2 A		40 Hz to 1 kHz	0.075 % + 0.24 mA			
							1 kHz to 5 kHz	0.086 % + 0.24 mA			
		2 A		to	10 A		50 Hz, 60 Hz	0.035 % + 0.16 mA	Comparison or measurement with a standard multimeter with a current shunt		
		10 A		to	1000 A		50 Hz, 60 Hz	0.33 %	Comparison or measurement with a standard multimeter with a current transformer		
	clamp tester	0,1 A		to	1000 A		50 Hz, 60 Hz	0.36 % + 0.12 A	Measurement of current simulated by a standard calibrator with current coil		

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Jižní Předměstí 2923, 301 00 Plzeň

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min	unit		max	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
5*	Electrical resistance / DC resistance standards				0,1	mΩ		0.012 %	Comparison with the resistance standard by the substitution method	92/75-17-5, 92/75-17-6, 92/75-17-9	
					1	mΩ		0.0030 %			
					10	mΩ		0.0015 %			
					0,1	Ω		0.0015 %			
					1	Ω		0.0015 %			
					10	Ω		0.0015 %			
					100	Ω		0.0015 %			
					1	kΩ		0.0015 %			
					10	kΩ		0.0015 %			
					100	kΩ		0.0015 %			
	DC resistance meters and generators	0,01	Ω	to	0,1	Ω		0.015 %	Comparison or measurement using the Ohm method		
		0,1	Ω	to	1	Ω		0.011 %			
		1	Ω	to	20	Ω		0.0034 %	Comparison or direct measurement with a standard multimeter		
		20	Ω	to	200	Ω		0.0022 %			
		200	Ω	to	20	kΩ		0.0018 %			
		20	kΩ	to	200	kΩ		0.0022 %			
		200	kΩ	to	2	MΩ		0.0040 %			
		2	MΩ	to	20	MΩ		0.0076 %			
		20	MΩ	to	100	MΩ		0.058 %			
		100	MΩ	to	1	GΩ		0.65 %			
		1	GΩ	to	10	GΩ		1.2 %			
		10	GΩ	to	100	GΩ		**3.5 %**	Generation by a calibrator of inspection instruments		

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min	unit	max	unit	Parameter(s) of the measurand		Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
6*	DC resistance meters and generators	0,1 mW	to	100 kW		0.1 V to 1000 V	1 mA to 20 mA	0.0092 %	Comparison or measurement with two standard multimeters	92/75-17-5, 92/75-17-6, 92/75-17-7, 92/75-17-9	
						0.1 V to 1000 V	20 mA to 200 mA	0.0065 %	Comparison or measurement with two standard multimeters and a current shunt		
							200 mA to 10 A	0.0070 %			
							10 A to 100 A	0.013 %			
	clamp tester	0,01 W	to	1000 kW		0.1 V to 1000 V	0.1 A to 1000 A	0.36 %	Measurement of power simulated by a standard calibrator with current coil		
7*	AC power (50 Hz or 60 Hz; power factor 0.5 to 1.0 inductive) / AC wattmeters or AC power generators	0,1 W	to	12 kW		10 V to 60 V	20 mA to 10 A	0.8 mW/VA	Comparison or direct measurement with a standard wattmeter	92/75-17-6, 92/75-17-8	
							10 A to 20 A	1.3 mW/VA			
						60 V to 450 V	20 mA to 10 A	0.7 mW/VA			
							10 A to 20 A	1.2 mW/VA			
						450 V to 600 V	20 mA to 10 A	0.94 mW/VA			
							10 A to 20 A	1.7 mW/VA			
	clamp tester	0,5 W	to	600 kW		10 V to 600 V	0.1 A to 1000 A	5.8 mW/VA	Measurement of power simulated by a standard calibrator with current coil		

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ENERGIZE GROUP s.r.o.
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Jižní Předměstí 2923, 301 00 Plzeň

CMC for the field of measured quantity: Time and frequency quantities

Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Location
		min	unit	max	unit					
1*	Frequency / frequency generators	10 Hz	to	225 MHz		1 mV to 10 V	0.0014 %	Direct measurement by a standard counter	92/75-17-6	
	frequency meters	1 Hz	to	10 MHz		1 mV to 10 V	0.0050 %	Generation with calibrator		

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"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "