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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. 368/2025

ČEZ, a. s.
with registered office Duhová 2/1444, 140 53 Praha 4
Company Registration No. 45274649

for the Calibration Laboratory No. 2245
Calibration Laboratory – Metrology

Scope of accreditation:

Calibration in the fields of length, plane angle, mass, torque, pressure, temperature, humidity, electrical quantities, time and frequency quantities and mechanical motion 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.: 19/2024 of 18/01/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: 18/01/2029

Prague: 17/07/2025



Signed in the Czech original:
Zdeňka Drdová on 17/07/2025

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

This translation of the Czech original has been issued by: Andrea Muzikářová

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

ČEZ, a. s.
CAB number 2245, Calibration Laboratory – Metrology
JE Temelín, 373 05 Temelín

Calibration laboratory locations:

1. **Nuclear Power Plant Dukovany** Modřínová 1094, 674 01 Třebíč
2. **Nuclear Power Plant Temelín** 373 05 Temelín

CMC for the field of measured quantity: Length

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	Micrometer gauges, micrometers for external measurement	0 mm	to	100 mm			0.0012 mm	Measurement using parallel gauge blocks	J 62.03.G01	1, 2
		100 mm	to	500 mm			0.0013 mm			
		500 mm	to	700 mm			0.0014 mm			
		700 mm	to	900 mm			0.0015 mm			
		900 mm	to	1,000 mm			0.0016 mm			
	Micrometers for internal measurement	5 mm	to	45 mm			0.0019 mm	Measurement by setting rings	J 62.03.G02	1, 2
	Three-contact internal gauges	6 mm	to	200 mm			0.0019 mm			
2	Slide gauges	0 mm	to	2,000 mm			0.012 mm	Measurement using parallel gauge blocks	J 62.03.G02	1, 2
3	Indicators / dial, digital, lever	0 mm	to	5 mm		division 0.001 mm	0.00033 mm	Measurement on a dial indicator calibration instrument	J 62.03.G03	1, 2
		5 mm	to	13 mm			0.00034 mm			
		0 mm	to	50 mm		division 0.01 mm	0.0012 mm			
		50 mm	to	100 mm			0.0013 mm			
4	Weld gauges / linear scales	0 mm	to	50 mm			0.026 mm	Measuring with a slide gauge	J 62.03.G04	1, 2
			to				0.23 mm	Measurement using parallel gauge blocks		
		50 mm		60 mm						

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CMC for the field of measured quantity: Plane angle

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	Weld gauges / angular scales	0°		90°			0.1°	Measuring with an angle gauge	J 62.03.G04	1, 2
		90°		150°			1.2°	Measurement using angle gauges		

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CMC for the field of measured quantity: Mass

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*	Scales with non- automatic function, electronic	1 mg		19 kg			<p>According to the weights used for calibration, U_i can have the following values</p> <p> U_1 (1 mg) = $2.7 \cdot 10^{-3}$ mg U_2 (2 mg) = $2.7 \cdot 10^{-3}$ mg U_3 (5 mg) = $2.7 \cdot 10^{-3}$ mg U_4 (10 mg) = $3.6 \cdot 10^{-3}$ mg U_5 (20 mg) = $4.5 \cdot 10^{-3}$ mg U_6 (50 mg) = $5.3 \cdot 10^{-3}$ mg U_7 (100 mg) = $7.1 \cdot 10^{-3}$ mg U_8 (200 mg) = $8.9 \cdot 10^{-3}$ mg U_9 (500 mg) = $1.2 \cdot 10^{-2}$ mg U_{10} (1 g) = $1.4 \cdot 10^{-2}$ mg U_{11} (2 g) = $1.8 \cdot 10^{-2}$ mg U_{12} (5 g) = $2.3 \cdot 10^{-2}$ mg U_{13} (10 g) = $2.7 \cdot 10^{-2}$ mg U_{14} (20 g) = $3.6 \cdot 10^{-2}$ mg U_{15} (50 g) = $4.5 \cdot 10^{-2}$ mg U_{16} (100 g) = $7.1 \cdot 10^{-2}$ mg U_{17} (200 g) = $1.4 \cdot 10^{-1}$ mg U_{18} (500 g) = $3.6 \cdot 10^{-1}$ mg U_{19} (1 kg) = $7.1 \cdot 10^{-1}$ mg U_{20} (2 kg) = $1.3 \cdot 10^0$ mg U_{21} (5 kg) = $3.5 \cdot 10^0$ mg U_{22} (10 kg) = $7.1 \cdot 10^0$ mg </p>	Load with standard weights (according to OIML R 111-1:2004) class E2	J 62.06.W01	1,2

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		min	unit	max	unit					
2	F1, F2, M class weight							Comparison with a standard weight (according to OIML R 111-1:2004) of class E2 on reference scales	J 62.03.W02	1
		1 mg	to	5 mg			$4.6 \cdot 10^{-3}$ mg			
				10 mg			$4.9 \cdot 10^{-3}$ mg			
				20 mg			$5.3 \cdot 10^{-3}$ mg			
				50 mg			$5.8 \cdot 10^{-3}$ mg			
				100 mg			$6.8 \cdot 10^{-3}$ mg			
				200 mg			$8.0 \cdot 10^{-3}$ mg			
				500 mg			$1.0 \cdot 10^{-2}$ mg			
				1 g			$1.1 \cdot 10^{-2}$ mg			
				2 g			$1.4 \cdot 10^{-2}$ mg			
				5 g			$1.8 \cdot 10^{-2}$ mg			
				10 g			$2.1 \cdot 10^{-2}$ mg			
				20 g			$2.7 \cdot 10^{-2}$ mg			
				50 g			$3.4 \cdot 10^{-2}$ mg			
				100 g			$5.5 \cdot 10^{-2}$ mg			
				200 g			$1.1 \cdot 10^{-1}$ mg			
				500 g			$8.2 \cdot 10^0$ mg			
				1 kg			$8.2 \cdot 10^0$ mg			
				2 kg			$8.3 \cdot 10^0$ mg			
				5 kg			$8.6 \cdot 10^0$ mg			
				10 kg			$8.2 \cdot 10^1$ mg			

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CMC for the field of measured quantity: Mechanical motion

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	Effective value of linear harmonic mechanical vibrations / Vibrometers, vibration sensors acceleration velocity amplitude	3 m·s ⁻²		to 60 m·s ⁻²		30 Hz to 1 000 Hz	2.7 %	Comparison with a reference standard	J 62.09.V01	2
		0,5 m·s ⁻¹		to 320 m·s ⁻¹						
		0 µm		to 4800 µm						
2	Sensitivity of vibration sensors	0,01 mV/m·s ⁻²		to 10 000 mV/m·s ⁻²		30 Hz to 1 000 Hz	2.7 %	Comparison with a reference standard	J 62.09.V01	2

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CMC for the field of measured quantity: Torque

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	Torque / Torque wrenches, torque screwdrivers	1 N·m		to	1000 N·m		0.7 %	Calibration with a reference torque device	J 62.03.S01	1, 2

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CMC for the field of measured quantity: Pressure

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 *	Deformation and digital manometers, pressure transducers including differential, pressure measuring chains	0 kPa to 63 kPa 63 kPa to 7 MPa				gas absolute pressure	7.4 Pa 0.007 %	Comparison with a reference digital manometer	J62.03.P01, J62.03.P02, J62.03.P03	1, 2
		-100 kPa to -72 kPa -72 kPa to 0 kPa 0 Pa to 500 Pa				positive gauge pressure	0.01 % 8.5 Pa 0.2 Pa	Comparison with a standard piston pressure gauge		
		0,5 kPa to 16 kPa 16 kPa to 72 kPa					0.027 % 8.5 Pa	Comparison with a reference digital manometer		
		72 kPa to 7 MPa 7 MPa to 20 MPa					0.007 % 0.005 %	Comparison with a standard piston pressure gauge		
		0 kPa to 500 kPa				pressure difference at stat. pressure (0.1 to 20.1) MPa	0.014 %			
		70 kPa to 110 kPa				barometric pressure	0.011 %	Comparison with a reference digital manometer		
		0 kPa to 350 kPa 350 kPa to 3 MPa 3 MPa to 10 MPa 10 MPa to 100 MPa				oil gauge pressure, absolute pressure	0.042 kPa 0.009 % 0.46 kPa 0.005 %	Comparison with a standard piston pressure gauge		

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CMC for the field of measured quantity: Temperature

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	Platinum resistance thermometers	0,01 °C					0.004 °C	Direct measurement at triple point of water	J 62.03.T04	1
		-40 °C	to	0 °C			0.010 °C $(1.3 \cdot 10^{-5} \cdot t + 0.008) \text{ °C}$ $(4.8 \cdot 10^{-5} \cdot (t - 232) + 0.011) \text{ °C}$	Comparison with a reference resistance thermometer in a liquid bath.		
2*	Resistance temperature sensors	0,01 °C					0.01 °C	Direct measurement at triple point of water	J 62.03.T01	1, 2
		-40 °C	to	0 °C			0.02 °C $(5 \cdot 10^{-5} \cdot t + 0.02) \text{ °C}$ $(5 \cdot 10^{-5} \cdot (t - 232) + 0.032) \text{ °C}$ $(2 \cdot 10^{-4} \cdot (t - 400) + 0.06) \text{ °C}$	Comparison with a reference resistance thermometer in a liquid bath.		
3	Glass thermometers	-40 °C	to	100 °C			0.03 °C	Comparison with a reference resistance thermometer in a liquid bath	J 62.03.T03	1, 2
4	Thermocouple temperature sensors	-40 °C	to	0 °C			0.5 °C $(2.5 \cdot 10^{-4} \cdot t + 0.4) \text{ °C}$ $(2 \cdot 10^{-3} \cdot (t - 400) + 0.5) \text{ °C}$	Comparison with a reference resistance thermometer in a liquid bath.	J 62.03.T02	1, 2
5	Temperature sensors with transducer	-40 °C	to	0 °C			0.03 °C $(1 \cdot 10^{-4} \cdot t + 0.03) \text{ °C}$ $(4 \cdot 10^{-4} \cdot (t - 400) + 0.07) \text{ °C}$	Comparison with a reference resistance thermometer in a liquid bath.	J 62.03.T06	1, 2

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		min	unit	max	unit					
6*	Direct-indicating thermometers	0,01 °C					0.004 °C	Direct measurement at triple point of water	J 62.03.T05	1, 2
		−40 °C to 0 °C					0.02 °C	Comparison with a reference resistance thermometer in a liquid bath.		
		0 °C to 400 °C					$(1 \cdot 10^{-4} \cdot t + 0.02) \text{ °C}$			
		400 °C to 550 °C					$(2 \cdot 10^{-4} \cdot (t - 400) + 0.06) \text{ °C}$			
7*	Temperature measuring chains, including thermal sensors	−30 °C to 0 °C					0.1 °C	Comparison with a reference electronic thermometer in a vertical furnace	J 62.03.T05	1, 2
		0 °C to 400 °C					$(2.5 \cdot 10^{-4} \cdot t + 0.1) \text{ °C}$			
		400 °C to 660 °C					$1.5 \cdot 10^{-3} \cdot (t - 400) + 0.2 \text{ °C}$			

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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	70 % RH		(15 to 35) °C	2.0 % RH 2.3 % RH	Comparison with a reference humidity transducer in a climatic chamber	J 62.03.M01	1

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CMC for the field of measured quantity: Electrical 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	DC voltage / DC voltage meters and generators	0 mV	to	220 mV			11 $\mu\text{V/V}$ + 0.4 μV	Direct generation with a calibrator	J 62.03.E01.0, J 62.03.E08.0, J 62.03.E15.0	1, 2
		220 mV	to	2.2 V			6.4 $\mu\text{V/V}$			
		2.2 V	to	11 V			4.9 $\mu\text{V/V}$			
		11 V	to	22 V			4.7 $\mu\text{V/V}$			
		22 V	to	220 V			6.4 $\mu\text{V/V}$			
		220 V	to	1100 V			8.5 $\mu\text{V/V}$			
		0 mV	to	100 mV			9 $\mu\text{V/V}$ + 0.3 μV	Direct measurement using a multimeter		
		100 mV	to	1 V			6.2 $\mu\text{V/V}$			
		1 V	to	10 V			5.4 $\mu\text{V/V}$			
		10 V	to	1000 V			8.2 $\mu\text{V/V}$			
2	DC current / DC current meters and generators	0 μA	to	220 μA			80 $\mu\text{A/A}$ + 6 nA	Direct generation with a calibrator	J 62.03.E03.0, J 62.03.E10.0, J 62.03.E15.0	1, 2
		220 μA	to	2.2 mA			46 $\mu\text{A/A}$			
		2.2 mA	to	22 mA			44 $\mu\text{A/A}$			
		22 mA	to	220 mA			57 $\mu\text{A/A}$			
		220 mA	to	2.2 A			0.01 %			
		2.2 A	to	20 A			0.048 %			
		20 A	to	120 A			0.035 %			
		120 A	to	1000 A			0.65 %	Calibrator generation with current simulation using a current coil		
		0 μA	to	10 μA			0.018 % + 1.2 nA	Direct measurement using a multimeter		
		10 μA	to	100 μA			63 $\mu\text{A/A}$			
		100 μA	to	1 mA			39 $\mu\text{A/A}$			

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		min	unit	max	unit					
		1 mA	to	10 mA			38 μ A/A			
		10 mA	to	100 mA			54 μ A/A			
		100 mA	to	1 A			0.015 %			
		1 A	to	20 A			0.024 %	Measurement with a multimeter on a current shunt		
		20 A	to	100 A			0.058 %			
3	DC resistance / DC resistance meters and generators									
				0 Ω			50 $\mu\Omega$		Direct generation by calibrator/reference resistors/resistance boxes	J 62.03.E05.0, J 62.03.E12.0, J 62.03.E13.0, J 62.03.E15.0
		0.01 Ω	to	0.1 Ω			1 %			
		0.1 Ω	to	1 Ω			0.2 %			
		1 Ω	to	10 Ω			0.05 %			
		10 Ω	to	100 k Ω			0.01 %			
		100 k Ω	to	1 M Ω			0.02 %			
		1 M Ω	to	10 M Ω			0.05 %			
		10 M Ω	to	100 M Ω			0.1 %			
		100 M Ω	to	100 G Ω			1 %			
		100 G Ω	to	1000 G Ω			4 %			
				1 m Ω			0.01 %			
				10 m Ω			0.01 %			
				100 m Ω			0.01 %			
				1 Ω			0.01 %			
				1.9 Ω			0.011 %			
				10 Ω			27 $\mu\Omega/\Omega$			
				19 Ω			27 $\mu\Omega/\Omega$			
				100 Ω			12 $\mu\Omega/\Omega$			
				190 Ω			12 $\mu\Omega/\Omega$			

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		min	unit	max	unit					
				1 kΩ			8 μΩ/Ω			
				1.9 kΩ			8 μΩ/Ω			
				10 kΩ			8 μΩ/Ω			
				19 kΩ			8 μΩ/Ω			
				100 kΩ			10 μΩ/Ω			
				190 kΩ			12 μΩ/Ω			
				1 MΩ			15 μΩ/Ω			
				1.9 MΩ			21 μΩ/Ω			
				10 MΩ			46 μΩ/Ω			
				19 MΩ			55 μΩ/Ω			
				100 MΩ			0.012 %			
				10 GΩ			0.2 %			
		0.01 Ω	to	10 Ω			27 μΩ/Ω	Direct measurement using a multimeter		
		10 Ω	to	100 Ω			22 μΩ/Ω			
		100 Ω	to	10 kΩ			14 μΩ/Ω			
		10 kΩ	to	100 kΩ			15 μΩ/Ω			
		100 kΩ	to	1 MΩ			26 μΩ/Ω			
		1 MΩ	to	10 MΩ			77 μΩ/Ω			
		10 MΩ	to	100 MΩ			0.064 %			
		100 MΩ	to	1 GΩ			0.58 %			
4	AC voltage / AC voltage meters and generators	1 mV	to	22 mV		40 Hz to 20 kHz	0.41 %	Direct generation with a calibrator	J 62.03.E02.0, J 62.03.E09.0, J 62.03.E15.0	1, 2
		22 mV	to	220 mV		40 Hz to 20 kHz	0.038 %			
		220 mV	to	2.2 V		40 Hz to 20 kHz	0.015 %			
		2.2 V	to	11 V		40 Hz to 20 kHz	59 μV/V			
		11 V	to	22 V		40 Hz to 20 kHz	57 μV/V			
		22 V	to	220 V		40 Hz to 20 kHz	65 μV/V			

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CAB number 2245, Calibration Laboratory – Metrology
JE Temelín, 373 05 Temelín

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						
		220 V	to	1100 V		50 Hz to 1 kHz	97 μV/V		Direct measurement using a multimeter		
		1 mV	to	10 mV		40 Hz to 20 kHz	0.14 %				
		10 mV	to	10 V		40 Hz to 20 kHz	0.034 %				
		10 V	to	100 V		40 Hz to 20 kHz	0.040 %				
		100 V	to	1000 V		40 Hz to 20 kHz	0.080 %				
5	AC current / AC current meters and generators	10 μA	to	220 μA		40 Hz to 1 kHz	0.026 %	Direct generation with a calibrator	J 62.03.E04.0 J 62.03.E11.0 J 62.03.E15.0	1, 2	
		220 μA	to	22 mA		40 Hz to 1 kHz	0.017 %				
		22 mA	to	220 mA		40 Hz to 1 kHz	0.016 %				
		220 mA	to	2.2 A		40 Hz to 1 kHz	0.033 %				
		2.2 A	to	20 A		40 Hz to 1 kHz	0.11 %				
		20 A	to	120 A		50 Hz to 1 kHz	0.11 %				
		120 A	to	1000 A		45 Hz to 65 Hz	0.67 %	Calibrator generation with current simulation using a current coil			
		10 μA	to	100 μA		45 Hz to 5 kHz	0.11 %	Direct measurement using a multimeter			
		100 μA	to	100 mA		45 Hz to 5 kHz	0.092 %				
		100 mA	to	1 A		45 Hz to 5 kHz	0.11 %				
		1 A	to	100 A		50 Hz to 1 kHz	0.14 %	measurement with a multimeter on a current shunt			
6	Electrical power/power meters (50 Hz, up to 740 V)	0.1 kW	to	37 kW		(0.011 to 11) A cos φ = 1	0.058 %	Direct generation with a calibrator	J 62.03.E14.0	1	
						cos φ = 0.8 to 0.9	0.093 %				
						cos φ = 0.1 to 0.7	0.14 %				
		(11 to 50) A cos φ = 1	0.075 %								
		cos φ = 0.8 to 0.9	0.11 %								

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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					
						cos φ = 0.1 to 0.7	0.16 %	Calibrator generation with current simulation using a current coil		
						(50 to 1000) A cos φ = 1	0.76 %			
						cos φ = 0.8 to 0.9	0.77 %			
						cos φ = 0.1 to 0.7	0.78 %			
7	pH / pH meters (only the electrical part of the instrument)	0 pH	to	14 pH			0.001pH	Simulation of pH using voltage	J 62.03.Q01.0	1, 2
8	Conductivity / conductivity meters (only the electrical part of the instrument)	0.1 μ S	to	1 μ S			0.024 %	Simulation of conductivity using resistance	J 62.03.Q02.0	1, 2
		1 μ S	to	10 μ S			0.012 %			
		10 μ S	to	100 mS			0.012 %			
		100 mS	to	500 mS			0.058 %			
9	Measurement and simulation of temperature sensors / temperature gauges	0 Ω	to	100 Ω		OST ⁴	20 m Ω	Direct resistance generation by a calibrator/resistance box	J 62.03.T07	1, 2
		100 Ω	to	400 Ω			0.01 % + 10 m Ω			
		400 Ω	to	4000 Ω			0.015 % + 20 m Ω			
		-10 mV	to	60 mV		TC ⁵	0.007 % + 4 μ V	Direct voltage generation by a calibrator		
10	Mains impedance / Inspection instruments			25 m Ω 50 m Ω 100 m Ω 330 m Ω 500 m Ω 1 Ω			5 m Ω 5 m Ω 5 m Ω 7 m Ω 8 m Ω 10 m Ω	Direct generation with a calibrator	62.03.E15.0 kap. 7.3.6	1, 2

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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					
				1.8 Ω			18 mΩ			
				5 Ω			30 mΩ			
				10 Ω			60 mΩ			
				18 Ω			100 mΩ			
				50 Ω			300 mΩ			
				100 Ω			500 mΩ			
				180 Ω			1 Ω			
				500 Ω			2.5 Ω			
				1 kΩ			5 Ω			
				1.8 kΩ			10 Ω			
11	Leakage current / Inspection instruments	0.1 mA	to	1 mA			0.5 %	Direct generation with a calibrator	62.03.E15.0 chap. 7.3.7	1, 2
		1 mA	to	30 mA			0.32 %			

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).

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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 / Electronic counters and generators	1 Hz	to	100 Hz			$2,5 \cdot 10^{-6}$ Hz	Direct generation (measurement) by a generator (counter) controlled from a GPS receiver	J 62.03.E06.0, J 62.03.E07.0	1
		100 Hz	to	1 kHz			$1,2 \cdot 10^{-6}$ Hz			
		1 kHz	to	10 kHz			$1,5 \cdot 10^{-6}$ Hz			
		10 kHz	to	100 kHz			$1,6 \cdot 10^{-6}$ Hz			
		100 kHz	to	1 MHz			$3,6 \cdot 10^{-5}$ Hz			
		1 MHz	to	10 MHz			$3,6 \cdot 10^{-5}$ Hz			
		10 MHz	to	100 MHz			$1,5 \cdot 10^{-4}$ Hz			
		100 MHz	to	1 GHz			$3,5 \cdot 10^{-2}$ Hz			
2	Time / Inspection equipment	10 ms	to	50 ms			0.52 %	Direct generation with a calibrator	62.03.E15.0 chap. 7.3.9	1, 2
		50 ms	to	100 ms			0.27 %			
		100 ms	to	500 ms			0.07 %			
		500 ms	to	1 s			0.045 %			
		1 s	to	5 s			0.025 %			

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).

"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."