

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

**INELSEV Servis s.r.o.**  
 Calibration Laboratory  
 Litvínov - Záluží 1, PSČ 436 70

**CMC for the field of measured quantity: Flow**

Ord. number 1	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified <sup>2</sup>	Calibration principle	Calibration procedure identification <sup>3</sup>	Work-place
		min	unit	max	unit					
1	Volume or flow meters a) volume or volume flow rate b) mass or mass flow rate	0.1 m <sup>3</sup> /h	to	350 m <sup>3</sup> /h		water (15 to 40) °C	0.1 %	by gravimetry	MS 1010	
		0.1 t/h	to	350 t/h			0.1 %			

<sup>1</sup> Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

<sup>2</sup> The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02, 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 value measured. If the calibration is carried out outside the laboratory premises, the measurement uncertainty may be affected.

<sup>3</sup> 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: Pressure**

Ord. number <sup>1</sup>	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified <sup>2</sup>	Calibration principle	Calibration procedure identification <sup>3</sup>	Work-place
		min	unit	max	unit					
1	Deformation manometers, pressure transducers, digital manometers	0 kPa	to	30 kPa	Absolute pressure	Gas	2 Pa	Comparison with a reference pressure gauge	MS2010, MS2012, MS2013	
		30 kPa	to	2,000 kPa			0.03 %			
		-90 kPa	to	-20 kPa	Overpressure/ underpressure	Gas	0.03 %			
		-20 kPa	to	20 kPa			5 Pa			
		20 kPa	to	1,900 kPa			0.03 %			
		0.1 MPa	to	1.2 MPa	Overpressure	Liquid	0.36 kPa			
		1.2 MPa	to	12 MPa			0.03 %			
		12 MPa	to	60 MPa			0.06 %			

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**CMC for the field of measured quantity: Temperature**

Ord. number <sup>1</sup>	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified <sup>2</sup>	Calibration principle	Calibration procedure identification <sup>3</sup>	Work-place
		min	unit	max	unit					
1	Resistance thermometers	-30 °C	to	0 °C		0.2 °C	Comparison with a standard resistance thermometer in a liquid thermostatic bath or in a vertical block furnace	MS 3015		
		0 °C	to	95 °C		0.1 °C				
		95 °C	to	150 °C		0.2 °C				
		150 °C	to	200 °C		0.3 °C				
		200 °C	to	250 °C		0.4 °C				
		250 °C	to	300 °C		0.5 °C				
		300 °C	to	400 °C		0.6 °C				
2	Thermocouple temperature sensors (TC)	400 °C	to	600 °C		2.2 °C	Comparison with a standard thermoelectric sensor in a horizontal oven	MS 3014		
		600 °C	to	800 °C		3 °C	Comparison with a standard thermoelectric sensor in a horizontal oven			
		800 °C	to	1,000 °C		4 °C				

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