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

MSP - GLOBAL, s.r.o.,
CAB number 2286, Czech Calibration Service
Dobrá 240, 739 51 Dobrá

CMC for the field of measured quantity: Temperature

Ordinal 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]	Workplace
		min.	unit	max	unit					
1*	Resistance thermometers Pt100	0 °C	up to	200 °C			0.32 °C	Comparison with a reference thermometer in a dry block	KBP 5	
		200 °C	up to	400 °C			0.54 °C			
2*	Indicating thermometers and temperature measuring chains	0 °C	up to	200 °C			0.32 °C	Comparison with a reference thermometer in a dry block and in a horizontal furnace	KBP 15	
		200 °C	up to	400 °C			0.54 °C			
		400 °C	up to	650 °C			2.1 °C			
		650 °C	up to	1,100 °C			2.8 °C			
3*	Measuring chains – Simulation of electrical output signal:							Comparison with a reference simulator of el. quantities	KBP 4.1	
	– Type "K" thermocouples	-200 °C	up to	1,000 °C			0.6 °C			
		1,000 °C	up to	1,100 °C			0.7 °C			
	– Resistance sensors	-200 °C	up to	200 °C			0.20 °C			
		200 °C	up to	600 °C			0.34 °C			
		600 °C	up to	850 °C			0.50 °C			
	– current loops	0 mA	up to	4 mA			3 µA			
		4 mA	up to	12 mA			6 µA			
		12 mA	up to	25 mA			8 µA			

[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 applie

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

Český institut pro akreditaci, o.p.s.