

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

SAFINA, a.s.

CAB number 2329, Thermocouple Production Department – Calibration Laboratory
Videňská 104, 252 50 Vestec

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	Work-place
		min.	unit	max.	unit					
1	Thermoelectric temperature sensors made of pure and precious metals			419.527 °C		Zn	0.3 °C	Fixed points	PP.31901.070	
				660.323 °C		Al	0.3 °C			
				961.78 °C		Ag	0.5 °C			
				1064.18 °C		Au	0.7 °C			
				1084.62 °C		Cu	0.5 °C			
				1553.5 °C		Pd	1.4 °C			
2	Thermoelectric temperature sensors made of pure and precious metals	230 °C	to	420 °C			0.5 °C	Comparison with a reference thermoelectric temperature sensor in a horizontal furnace	PP.31901.071	
		420 °C	to	660 °C			0.9 °C			
		660 °C	to	1,085 °C			1.2 °C			
		1,085 °C	to	1,100 °C			1.4 °C			
		1,100 °C	to	1,400 °C			2.2 °C			
		1,400 °C	to	1,554 °C			2.7 °C			

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).