The Appendix is an integral part of
Certificate of Accreditation No. 704/2020 of 18/11/2020

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

MAVIS Nový Bor s.r.o.
MAVIS Calibration Laboratory
Svatopluka Čecha 152, Arnultovice, 473 01 Nový Bor

CMC for the field of measured quantity: Temperature

Ord. number [1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified[2]	Calibration principle	Calibration procedure identification[3]	Work-place
		min.	unit	max.	unit					
1	Resistance temperature sensors			0.01	°C		0.08 °C	Direct measurement at triple point of water	F-QL-2	
		-30	°C to -22 °C				0.18 °C	Comparison with a standard thermometer in a vertical furnace		
		-22	°C to 50 °C				0.14 °C	Comparison with a reference thermometer in a liquid bath		
		50	°C to 150 °C				0.14 °C	Comparison with a standard thermometer in a vertical furnace		
		150	°C to 300 °C				0.28 °C			
		300	°C to 500 °C				0.47 °C			
		500	°C to 660 °C				0.57 °C			
2	Thermocouple temperature sensors	-30	°C to -22 °C				0.7 °C	Comparison with a standard thermometer in a vertical furnace	F-QL-1	
		-22	°C to 50 °C				0.7 °C	Comparison with a reference thermometer in a liquid bath		
		50	°C to 300 °C				0.7 °C	Comparison with a standard thermometer in a vertical furnace		
		300	°C to 660 °C				1.3 °C			
		660	°C to 1,000 °C				1.7 °C	Comparison with a standard thermometer in a horizontal furnace		
		1,000	°C to 1,200 °C				2.1 °C			
		1,200	°C to 1,550 °C				2.9 °C			

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Ord. number [1]	Calibrated quantity / Subject of calibration	Nominal range				Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified[2]	Calibration principle	Calibration procedure identification[3]	Work-place
		min.	unit	max.	unit					
3	Indicating thermometers and temperature measuring chains	-30 °C	to	-22 °C			0.2 °C	Comparison with a standard thermometer in a vertical furnace	F-QL-3	
		-22 °C	to	50 °C			0.2 °C	Comparison with a reference thermometer in a liquid bath		
		50 °C	to	300 °C			0.4 °C	Comparison with a standard thermometer in a vertical furnace		
		300 °C	to	660 °C			0.7 °C	Comparison with a standard thermometer in a vertical furnace		
		660 °C	to	1,000 °C			1.9 °C	Comparison with a standard thermometer in a horizontal furnace		
		1,000 °C	to	1,200 °C			2.3 °C			
		1,200 °C	to	1,550 °C			3.0 °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, 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.

[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).