

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

Komerční železniční výzkum, spol. s r.o.
CAB number 2422, Calibration Workplace
U Kapličky 1199, 165 00 Praha 6 - Suchdol

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	Equipment for measuring track parameters					gauge (760 to 1,676) mm		Measuring with a reference device	KŽV/2.2023, Part A	
	directional deviation	-25 mm	to	25 mm		0.15 mm				
	height deviation	-25 mm	to	25 mm		0.15 mm				
	collapse deviation	-25 mm	to	25 mm		0.25 mm				
	gauge deviation	-25 mm	to	40 mm		0.20 mm				
	elevation deviation	-180 mm	to	180 mm		0.25 mm				
	odometer wheel diameter	70 mm	to	180 mm		0.04 mm	Measuring with a slide gauge			
2	Equipment for measuring track parameters					gauge (760 to 1,676) mm		Comparison with parallel gauge blocks	KŽV/2.2023, Part B	
	directional deviation	0 mm	to	20 mm		0.12 mm				
	height deviation	0 mm	to	10 mm		0.12 mm				
	collapse deviation	0 mm	to	20 mm		0.12 mm				
	gauge deviation	-20 mm	to	10 mm		0.08 mm				
	elevation deviation	0 mm	to	150 mm		0.08 mm				

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."