



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. 619/2025

Hexagon Manufacturing Intelligence Czech Republic s.r.o.
with registered office Boudníkova 2538/13, Libeň, 180 00 Praha 8
Company Registration No. 27897958

for the Calibration Laboratory No. **2397**
Calibration Laboratory

Scope of accreditation:

Calibration in the field of length to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 24/2025 of 21/01/2025, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **28/11/2030**

Prague: 28/11/2025



Signed in the Czech original:
Jan Velíšek on 28/11/2025

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová

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

Hexagon Manufacturing Intelligence Czech Republic s.r.o.

CAB number 2397, Calibration Laboratory
Boudníkova 2538/13, Libeň, 180 00 Praha 8

Calibration laboratory locations:

1. Workplace Prague	Boudníkova 2538/13, Libeň, 180 00 Praha 8
2. Workplace Bratislava	Tuhovská 10722/29, 831 06 Bratislava – Vajnory

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						
1*	Coordinate measuring machines	Spatial length	0 m	Parameter(s) of the measurand	(0,25·L + 0,25) µm	Measurement with parallel gauge blocks and step gauge	KP1 – SMS1	1	
			to 6 m						
		Sensing system error	0 mm		0,1 µm	Measurement using a calibration ball			
	Coordinate measuring machines	Spatial length	0 m		(0,5·L + 0,06) µm	Laser interferometer measurements	KP2 – SMS2		
			to 30 m						
		Sensing system error	0 mm		0,1 µm	Measurement using a calibration ball			
	Coordinate measuring machines a laser sensor	Dimension sensing	10 mm		1,9 µm	Measurement using a calibration ball	KP5 – LASER		
			to 50 mm						
		Sensing of shape and scatter of sensing	0 mm		2,0 µm	Measurement using white plate standard			
2*	Optical measuring machines with a multisensor	Spatial length	0 mm		(1,1·L + 0,3) µm (0,2·L + 0,2) µm	Measurement with parallel gauge blocks Glass ruler measurement	KP3 – OPTIKA	1	

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		min	unit						
	Sensing system error	0 mm	to	1 mm		0,1 µm	Measurement using a calibration ball		
3	Measuring arms						KP4 – RAMENA; ČSN EN ISO 10360-12; STN EN ISO 10360-12; EN ISO 10360-12	1, 2	
	Spatial length	0 m	to	4,5 m		(2,1·L + 1,2) µm	Measurement using a step gauge		
	Form sensing deviation	0 mm	to	1 mm		1,0 µm	Measurement using a calibration ball		
	Size sensing deviation	-1 mm	to	1 mm		1,0 µm			
	Position sensing deviation	0 mm	to	1 mm		1,0 µm			
4	Laser trackers			Length			KP7 – TRAKČNÍ LASER 2; ČSN EN ISO 10 360-10; EN ISO 10 360-10	1	
	Distance measurement deviation	-0.05 mm	to	0.05 mm	1.5 m to 53 m	5 µm			
	Two face measurement deviation						KP6 – TRAKČNÍ LASER 1; KP7 – TRAKČNÍ LASER 2; ČSN EN ISO 10 360-10; EN ISO 10 360-10		
		-0.4 mm	to	0.4 mm	1.5 m to 53 m	6 µm			
	Spatial length deviation in probe sensing	-0.5 mm	to	0.5 mm	1.5 m to 25 m	12 µm	Measurement using a scale bar		
	Spatial length deviation in reflector sensing	-0.5 mm	to	0.5 mm	1.5 m to 25 m	9 µm			
	Size sensing deviation						KP7 – TRAKČNÍ LASER 2; ČSN EN ISO 10 360-10; EN ISO 10 360-10		
	Form sensing deviation	-0.2 mm	to	0.2 mm	2 m to 20 m	6 µm	Measurement using a calibration ball		
		0 mm	to	0.4 mm	2 m to 20 m	8 µm	Measurement using a calibration ball		

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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					
Plane sensing deviation Orientation deviation Distance offset Absolute distance meter modulation frequency	0 mm to 0.5 mm	2 m to 20 m	12 µm	Measurement using a reference plate by an optical sensor (scanning)	KP6 – TRAKČNÍ LASER 1; KP7 – TRAKČNÍ LASER 2; ČSN EN ISO 10 360-10; EN ISO 10 360-10		KP6 – TRAKČNÍ LASER 1; KP7 – TRAKČNÍ LASER 2; ČSN EN ISO 10 360-10; EN ISO 10 360-10	
	0 mm to 0.2 mm	2 m to 10 m	10 µm	Multi-position measurement with a switching tactile probe				
	-2.0 mm to 2.0 mm	1.5 m to 15 m	7 µm	Measurement by self-calibration procedure				
	0 kHz to 25 MHz		0.75 Hz	Rubidium frequency standard measurement				

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).

L measured length (m)

"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."