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. **612/2025**

Carl Zeiss spol. s r.o.
with registered office Radlická 3201/14, Smíchov, 150 00 Praha 5
Company Registration No. 49356691

for the Calibration Laboratory No. **2398**
Calibration Laboratory Carl Zeiss IQS

Scope of accreditation:

Calibrations 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.: 518/2024 of 02/10/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **25/11/2030**

Prague: 25/11/2025

Signed in the Czech original:
Jan Velíšek on 25/11/2025

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

This translation of the Czech original has been issued by: Andrea Muzikářová

The Appendix is an integral part of
Certificate of Accreditation No.: 612/2025 of 25/11/2025

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

Carl Zeiss spol. s r.o.
CAB number 2398, Calibration Laboratory Carl Zeiss IQS
Radlická 3201/14, Smíchov, 150 00 Praha 5

Calibration laboratory locations:

1. **Praha - Radlická (does not perform calibrations)** Radlická 3201/14, Smíchov, 150 00 Praha 5
2. **Nupaky** Komerční 524, Nupaky, 251 01, Praha - Východ

The laboratory provides opinions and interpretations of the calibration results.

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*	Coordinate measuring machines Carl Zeiss with contacting probing	0 mm	to	3030 mm			(0.23·L + 0.06) µm	Step gauge and calibration ball measurement (ČSN EN ISO 10360-2. ČSN EN ISO 10360-3. ČSN EN ISO 10360-4. VDI/VDE 2617 Blatt 2.1. VDI/VDE 2617 Blatt 2.2. VDI/VDE 2617 Blatt 4)	KP001-ZEISS-10360. KP002-ZEISS-2617	2
2*	Carl Zeiss coordinate measuring machines with computed tomography sensors							Reference standard measurement METROTOM Check (VDI/VDE 2630 Blatt 1.3)	KP003-ZEISS-2630	2
	- ball centre distance U (SD)	0 mm	to	870 mm			0.31 µm			
	- ball diameter U (PS)	0 mm	to	330 mm			0.48 µm			
	- shape deviation U (PF)	0 mm	to	3 mm			0.44 µm			
	- total length error U (EL)	0 mm	to	900 mm			0.78 µm			

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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	max	unit					
3*	Carl Zeiss optical 3D systems							PSA reference standard measurement (ISO 10360-13)	KP004-ZEISS-10360	2
	- determination of ball centre distance deviation U (SD)	0 mm	to	1000 mm			0.16 µm			
	- determination of length error deviation U (E)	0 mm	to	1000 mm			0.27 µm			
	- determination of dimension measurement deviation U (PS)	0 mm	to	60 mm			0.15 µm			
	- determination of dimension measurement deviation U (PF)	0 mm	to	60 mm			0.19 µm			

[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. "