



NÁRODNÍ AKREDITAČNÍ ORGÁN

EA MLA Signatory  
Český institut pro akreditaci, o.p.s.  
Olšanská 54/3, 130 00 Praha 3

issues

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

# CERTIFICATE OF ACCREDITATION

No. 93/2021

**TORQUE s.r.o.**  
with registered office **Leontiny Mašínové 4, Prostřední Nová Ves, 507 81 Lázně Bělohrad,**  
**Company Registration No. 27539814**

to the Calibration Laboratory No. 2312  
TORQUE Calibration Laboratory

Scope of accreditation:

Calibration of torque and plane angle meters 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

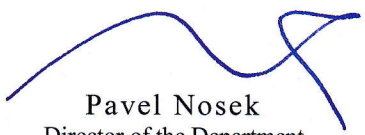
In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations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

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 53/2020 of 20. 1. 2020, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **3. 2. 2026**

Prague: 3. 2. 2021



  
**Pavel Nosek**  
Director of the Department  
of Testing and Calibration Laboratories  
Czech Accreditation Institute  
Public Service Company



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

**TORQUE s.r.o.**  
TORQUE Calibration Laboratory  
Prostřední Nová Ves 137, 507 81 Lázně Bělohrad

**CMC for the field of measured quantity: Plane angle**

Ord. number	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified <sup>2</sup>	Calibration principle	Calibration procedure identification <sup>3</sup>	Work-place
		min. unit	max. unit					
1	Rotation angle sensors	0°	to 360°		0.05 °	Comparison with a rotation angle sensor	MK-02-05-1 (VDI/VDE 2648-1)	
		0°	to 360°		0.1 °	Comparison with a rotation angle sensor	MK-02-06-1 (VDI/VDE 2648-1)	
2*	Rotation angle meters for torque meters, nutrunners with rotation angle measurement, nutrunner systems, torque wrenches with rotation angle measurement	0°	to 360°		0.1 °	Comparison with a rotation angle sensor	MK-02-07-1 (VDI/VDE 2648-2) MK-02-08-1 (VDI/VDE 2648-2)	

<sup>1</sup> Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

<sup>2</sup> 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.

<sup>3</sup> 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).





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

**TORQUE s.r.o.**  
TORQUE Calibration Laboratory  
Prostřední Nová Ves 137, 507 81 Lázně Bělohrad

**CMC for the field of measured quantity: Torque**

Ord. number	Calibrated quantity / Subject of calibration	Nominal range		Parameter(s) of the meas. quantity	Lowest expanded measurement uncertainty specified <sup>2</sup>	Calibration principle	Calibration procedure identification <sup>3</sup>	Work-place
		min. unit	max. unit					
1	Torque sensors and meters	0.01 Nm	to 1,600 Nm		0.060 %	Comparative measurement using length arm and weights	MK-02-01-1 (EURAMET cg-14)	
		0.01 Nm	to 1,600 Nm		0.10 %	Comparative measurement using length arm and weights	MK-02-02-1 (EURAMET cg-14)	
2*	Torque measuring devices, torque wrenches and screwdrivers	0.01 Nm	to 1,600 Nm		0.25 %	Comparative measurement using length arm and weights	MK-02-03-1 (ČSN EN ISO 6789-1, EN ISO 6789-2; ISO 5393)	
3*	Torque measuring devices, controlled nutrunners, nutrunner systems, torque wrenches and screwdrivers, pneumatic and electric nutrunners	0.01 Nm	to 1,600 Nm		0,25 %	Comparison with a torque sensor	MK-02-03-1 (ČSN EN ISO 6789-1, EN ISO 6789-2; ISO 5393)	
		0.01 Nm	to 1,600 Nm		0.25 %	Comparison with a torque sensor	MK-02-04-1 (ISO 5393)	

<sup>1</sup> Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

<sup>2</sup> 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.

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