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. **338/2017**

Trescal s.r.o.
with registered office Modlanská 1862, 415 01 Teplice, Company Registration No. 28692497

to the Calibration Laboratory No. **2384**
Calibration Laboratory

Scope of accreditation:

Length and moment of force 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 17025:2005

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.: 408/2014 of 19. 6. 2014, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **15. 6. 2022**

Prague: 15. 6. 2017

Český institut pro akreditaci, o.p.s.
NÁRODNÍ AKREDITAČNÍ ORGÁN
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Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

The Appendix is an integral part of
Certificate of Accreditation No. 338/2017 of 14/ 06/ 2017

Accredited entity according to ČSN EN ISO/IEC 17025:2005:

Trescal s.r.o.
Calibration Laboratory
Modlanská 1862, 415 01 Teplice

Calibration laboratory locations:

1. **Teplice** — Modlanská 1862, 415 01 Teplice
2. **Dolní Poustevna** — Nádražní 293, Dolní Poustevna, 407 82 Děčín

The Laboratory is qualified to update standards identifying the calibration procedures.

1. **Teplice**

Field of measured quantity: **length**

Calibration: Nominal calibration temperature: (20 ± 2) °C

Ordinal number	Measured quantity	Measured quantity range	Calibration measurement capability [±] [1] [µm]	Calibration procedure identification
1.	Dial indicators division 0.01 mm division 0.001 mm Microcators division 0.001 mm division 0.0001 mm Lever indicators division 0.01 mm division 0.002 mm	 up to 100 mm up to 60 mm up to 3 mm up to 0.1 mm up to 5 mm up to 5 mm	 6.1 1.1 0.8 0.5 3.1 0.9	 KP 01
2.	Slide gauges	(0 to 300) mm	18	KP 02
3.	Cylindrical gauges Ring gauges Measuring rings Plug gauges	(3 to 300) mm (3 to 200) mm (3 to 200) mm (3 to 300) mm	$0.8 + 2 \times 10^{-3} \times d$	KP 03
4.	Micrometer calliper gauges	up to 300 mm	$1.8 + 10 \times 10^{-3} \times l$	KP 04

[1] Expressed like uncertainty in accordance with the requirements of the document EA 4/02 M: 2013 at k = 2

Explanations and abbreviations:

d - diameter in millimetres
KP - calibration procedure (Calibration Laboratory internal calibration procedure)
l - length in millimetres

Accredited entity according to ČSN EN ISO/IEC 17025:2005:

Trescal s.r.o.
Calibration Laboratory
Modlanská 1862, 415 01 Teplice

Measured instruments or devices:

(In accordance with the above list of measured quantities and the ranges of measurement the following types of instruments or devices can be measured.)

Ordinal number	Measured instrument/device type
1.	Dial and digital indicator, lever indicator, microcator
2.	Slide gauge, depth gauge, height gauge
3.	Cylindrical gauge, ring gauge, measuring ring, plug gauge
4.	Micrometer calliper gauge

Český institut pro akreditaci, o.p.s.
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Accredited entity according to ČSN EN ISO/IEC 17025:2005:

Trescal s.r.o.
Calibration Laboratory
Modlanská 1862, 415 01 Teplice

2. **Dolní Poustevna**

Field of measured quantity: **length**

Calibration: Nominal calibration temperature: (20 ± 2) °C

Ordinal number	Measured quantity	Measured quantity range	Calibration measurement capability [±] [1] [µm]	Calibration procedure identification
1.	Dial indicators division 0.01 mm division 0.001 mm Microcators division 0.001 mm division 0.0001 mm Lever indicators division 0.01 mm division 0.002 mm	 up to 100 mm up to 60 mm up to 3 mm up to 0.1 mm up to 5 mm up to 5 mm	 6.1 1.1 0.8 0.5 3.1 0.9	KP 01
2.	Slide gauges	(0 to 300) mm (300 to 1000) mm	18 $30 + 10 \times 10^{-3} \times l$	KP 02
3.	Cylindrical gauges Ring gauges Measuring rings Plug gauges	(3 to 300) mm (3 to 200) mm (3 to 200) mm (3 to 300) mm	$0.8 + 2 \times 10^{-3} \times d$	KP 03
4.	Micrometer calliper gauges	up to 500 mm	$1.8 + 10 \times 10^{-3} \times l$	KP 04

[1] Expressed like uncertainty in accordance with the requirements of the document EA 4/02 M: 2013 at k = 2

Explanations and abbreviations:

d - diameter in millimetres
KP - calibration procedure (Calibration Laboratory internal calibration procedure)
l - length in millimetres

Measured instruments or devices:

(In accordance with the above list of measured quantities and the ranges of measurement the following types of instruments or devices can be measured.)

Ordinal number	Measured instrument/device type
1.	Dial and digital indicator, lever indicator, microcator
2.	Slide gauge, depth gauge, height gauge
3.	Cylindrical gauge, ring gauge, measuring ring, plug gauge
4.	Micrometer calliper gauge

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Accredited entity according to ČSN EN ISO/IEC 17025:2005:

Trescal s.r.o.
Calibration Laboratory
Modlanská 1862, 415 01 Teplice

Field of measured quantity: **force, moment of force**

Calibration: Nominal calibration temperature: (23 ± 5) °C

Ordinal number[1)]	Measured quantity	Measured quantity range	Calibration measurement capability [±] [2)]	Calibration procedure identification
1.*	Torque wrenches and screwdrivers	(1 to 1000) Nm	0.9 % MV	KP 11 (ČSN EN ISO 6789, DIN EN ISO 6789)

[1)] Asterisk at the ordinal number identifies the calibration performed outside/also outside the laboratory premises.

[2)] Expressed like uncertainty in accordance with the requirements of the document EA 4/02 M: 2013 at k = 2

Explanations and abbreviations:

KP - calibration procedure (Calibration Laboratory internal calibration procedure)
MV - Measured Value

Measured instruments or devices:

(In accordance with the above list of measured quantities and the ranges of measurement the following types of instruments or devices can be measured.)

Ordinal number	Measured instrument/device type
1.	Torque wrench, torque screwdriver