RAAD VOOR ACCREDITATIE

Dutch Accreditation Council RvA
PO Box 2768 NL-3500 GT Utrecht

The Dutch Accreditation Council RvA, by law appointed as the national accreditation body for The Netherlands, hereby declares that accreditation has been granted to:

TRESCAL Hengelo B.V.
Calibration Laboratory
Hengelo

The organisation has demonstrated to be able to generate technical valid results in a competent way and work according to a management system.

This accreditation is based on an assessment against the requirements as laid down in EN ISO/IEC 17025:2017.

The accreditation covers the activities as specified in the authorized annex bearing the registration number.

The accreditation is valid provided that the organisation continues to meet the requirements.

The accreditation with registration number:

K 018

is granted on 15 September 1980

This declaration is valid until
1 December 2028

The board of the Dutch Accreditation Council,
on its behalf,

mr. J.A.W.M. de Haas

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **K 018**

of **TRESCAL Hengelo B.V.**
Calibration Laboratory

This annex is valid from: **24-04-2025** to **01-12-2028** Replaces annex dated: **02-10-2024**

HCS code	Measured quantity, Instrument, Measure	Range	CMC[1]	Remarks	Location
TF 0 0	TIME AND FREQUENCY				
TF 2 0	Relative time				HLO
	Electronic chronometers	24 h	0.1 s / 24 h	Direct measurement	
	Mechanical chronometers	24 h	5 s / 24 h	Direct measurement	
TF 2 1	Time and Frequency				HLO
	10 Hz – 225 MHz		$3 \cdot 10^{-6} \cdot f$	Measure	
TF 2 2	Time interval				HLO
	1 µs – 1000 s		$3 \cdot 10^{-6} \cdot t$	Measuring; period applicable to repetitive signals	
	6 min^{-1} – 100.000 min^{-1}		$4 \cdot 10^{-6} \cdot n$	By comparison with frequency references with n = number of revolutions min^{-1}	
TQ 0 0	TORQUE				HLO, OS
TQ 1 2	Torque wrenches	0.1 – 1350 Nm	$1.5 \cdot 10^{-2} \cdot M + 0.5 \cdot r$		

Remarks:
R = reading accuracy of the instrument

Temperature conditions for electrical calibrations is nominal 23 °C; temperature conditions for geometrical and torque calibrations is nominal 20 °C, temperature conditions for pressure and temperature calibrations is nominal 21 °C

$p_e = p - p_{amb}$: p_e is overpressure, p_{amb} is ambient pressure

This list of calibrations is, unless otherwise stated, applicable for calibrations performed inside the laboratory.

[1] $P_e = P - P_{amb}$: P_e is overpressure, P_{amb} is ambient pressure