



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 2020

This declaration is prolonged until
1 April 2021

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: **05-06-2020** to **01-12-2020**

Replaces annex dated: **23-10-2019**

Prolonged until 01-04-2021

HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
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					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

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HCS code	Measured quantity, Instrument, Measure	Range	CMC ¹	Remarks	Location
	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	

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 Internes laboratory.

(1) Calibrations performed at customers' premises.