



Organisme belge d'Accréditation
Belgische Accreditatieinstelling
Belgische Akkreditierungsstelle
Belgian Accreditation Body

Signatory to EA, ILAC and IAF
Multilateral Agreements

Accreditation Certificate No. 004-CAL

In compliance with the provisions of the Royal Decree of 31 January 2006 setting up BELAC, the Accreditation Board hereby declares, that the calibration laboratory

TRESCAL NV
Vosstraat, 200
2600 BERCHEM - Belgium

has the competence to perform the calibrations as described in the annex which is an integral part of the present certificate, in accordance with the requirements of the standard EN ISO/IEC 17025:2005. The present accreditation is the subject of regular surveillance in order to confirm the compliance with the accreditation conditions.

The Chair of the Accreditation Board BELAC,

Nicole MEURÉE-VANLAETHEM

Issue date : **2018-10-11**

Validity date : **2023-04-21**

Original version of this certificate is in Dutch.



Bijlage bij accreditatie-certificaat
Annexe au certificat d'accréditation
Annex to the accreditation certificate
Beilage zur Akkreditierungszertifikat

004-CAL

EN ISO/IEC 17025:2005

Versie/Version/Fassung	16
Uitgiftedatum / Date d'émission / Issue date / Ausgabedatum:	2018-10-11
Geldigheidsdatum / Date limite de validité / Validity date / Gültigkeitsdatum:	2023-04-21

Nicole Meurée-Vanlaethem

Voorzitster van het Accreditatiebureau
La Présidente du Bureau d'Accréditation
Chair of the Accreditation Board
Vorsitzende des Akkreditierungsbüro

**De accreditatie werd uitgereikt aan/ L'accréditation est délivrée à/
The accreditation is granted to/ Die akkreditierung wurde erteilt für:**

**TRESCAL nv
Vosstraat, 200
2600 BERCHEM**

**Voor activiteiten uitgevoerd door/ Pour des activités exécutés par/
For activities performed by/ Die tätigkeiten werden durchgeführt von:**

locatie 1	BERCHEM	Vosstraat, 200 2600 Berchem
locatie 2	WELLIN	Rue Jean Meunier, 2 6920 Halma (Wellin)

Secrétariat:
**Service public fédéral, Economie,
P.M.E., Classes moyennes et Energie**
Direction générale de la Qualité et de la Sécurité
Division Qualité et Innovation
Bd du Roi Albert II, 16 - 5^{ème} étage - B-1000 Bruxelles
Website: <http://economie.fgov.be>
Numéro d'entreprise: 0314.595.348

Accréditation B E L A C Accreditation

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Secretariaat:
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Afdeling Kwaliteit en Innovatie
Koning Albert II-laan 16 - 5^{de} verd. - B-1000 Brussel
Website: <http://economie.fgov.be>
Ondernemingsnummer: 0314.595.348

.be

BELAC
6-017
code

FORCE AND TORQUE (Berchem)

1.6 Force

Measured quantity, instrument or gauge	Range	CMC (95%)	Remarks
Push pull force measuring devices in tension and compression	0,80 N to 5 000 N	$1,0 \times 10^{-4} \times F$	dead weights, f.i. ISO376 and ISO7500-1 ³
	2 kN to 200 kN	$8,0 \times 10^{-4} \times F$	Generation and measurement by comparison with standard load cells, f.i. ISO376 and ISO7500-1 ³
	200 kN to 500 kN	$10 \times 10^{-4} \times F$	Generation and measurement by comparison with standard load cells, f.i. ISO376 and ISO7500-1 ³
	500 kN to 1,0 MN	$10 \times 10^{-4} \times F$	Measurement only by comparison with standard load cells, f.i. ISO376 and ISO7500-1 ³
Gram force gauges	0,050 N to 500 N	$0,010 \times F$	

1.6 Torque

Measured quantity, instrument or gauge	Range	CMC (95%)	Remarks
Torque tools	0,1 Nm to 2700 Nm	$8,0 \times 10^{-3} \times M$	Accuracy acc. to ISO 6789 ³
Torque measuring devices	0,1 Nm to 1 Nm	$1 \times 10^{-3} \times M$	With torque arms and weights
	1 Nm to 200 Nm	$1,0 \times 10^{-3} \times M$	
	200 Nm to 4000 Nm	$0,5 \times 10^{-3} \times M$	

³ in situ calibration also