CLAS Certificate Number 2003-05

Company name	**Mitutoyo Canada Inc. Calibration Laboratory**
Company address	2121 Meadowvale Mississauga, Ontario L5N 5N1
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Clients served	• All interested parties • On-site calibration services are available for the capabilities for which it is indicated in the remarks column.

Fields of calibration	• Dimensional • Mechanical
SCC accreditation (ISO/IEC 17025)	• SCC file number: 15587 • First issued 2003-10-07 • Issue 8.3e 2023-05-02

This CLAS Certificate is published by the CLAS program of the National Research Council of Canada (NRC) in cooperation with the laboratory accreditation program of the Standards Council of Canada (SCC), Canada's accreditation body for calibration and testing laboratories. The SCC accredits the capability of the named laboratory for being able to perform calibrations as per the listed Calibration and Measurement Capabilities with metrological traceability to the International System of Units (SI) or to standards acceptable to the CLAS program. See supplementary notes.

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Gauge block CLTM-7 **See note [1]**			
Steel, length			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 4 inches	(1.6 + 0.8 L) µinch (L in inches) or 2 µinch, whichever greater	I	Using automatic comparator
Metric, up to 100 mm	(0.041+ 0.0008 L) µm (L in mm) or 0.05 µm, whichever greater		Using automatic comparator
Inch, up to 1 inch	(4 + 0.7 L) µinch (L in inches)		Using manual comparator; direct comparison
Metric, up to 25 mm	(0.11+ 0.0007 L) µm (L in mm)		Using manual comparator; direct comparison

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 1 inch	(7+ 0.7 L) µinch (L in inches)		Using manual comparator; wide-range
Metric, up to 25 mm	(0.18+ 0.0007 L) µm (L in mm)		Using manual comparator; wide-range
Inch, 1 inch to 10 inches	(5 + 5.5 L) µinch (L in inches)		Using manual comparator; direct comparison
Metric, 25 mm to 250 mm	(0.13+ 0.0055 L) µm (L in mm)		Using manual comparator; direct comparison
Inch, 12 inches to 20 inches	47 µinch		Using CMM

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Metric, 300 mm to 500 mm	1.2 µm		Using CMM
Ceramic, length See note [1]			
Inch, up to 4 inches	(1.6+ 0.7 L) µinch (L in inches) or 2 µinch, whichever greater	I	Using automatic comparator
Metric, up to 100 mm	(0.04+ 0.0007 L) µm (L in mm) or 0.05 µm, whichever greater		Using automatic comparator
Gauge Block See note [2]			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Variation in length (parallelism)	1 µinch or 0.025 µm	I	Using automatic comparator
Height gauge			
Inch, up to 40 inches	(51+ 2.0 L) µinch (L in inches)	II	See note [3]
Metric, up to 1000 mm	(1.3+ 0.002 L) µm (L in mm)		
Micrometer			
Head			
Inch, up to 2 inches	30 µinch	II	See note [3]
Metric, up to 50 mm	0.6 µm		
Outside			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 6 inches	(45 + 2 L) µinch (L in inches)	II	See note [3]
Inch, > 6 inches to 20 inches	(50 + 4.2 L) µinch (L in inches)		
Metric, up to 500 mm	(1.0 + 0.0042 L) µm (L in mm)		
Depth			
Inch, up to 6 inches	(45 + 2.2 L) µinch (L in inches)	II	See note [3]
Inch, > 6 inches to 12 inches	(55 + 3.8 L) µinch (L in inches)		
Metric, up to 300 mm	(1.1 + 0.0036 L) µm (L in mm)		
Tubular inside			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 2 inches	(50 + 0.8 L) µinch (L in inches)	II	See note [3]
Inch, > 2 inches to 24 inches	(60 + 4.4 L) µinch (L in inches)		
Metric, up to 600 mm	(1.0 + 0.005 L) µm (L in mm)		
Three point internal			
Inch, up to 7 inches	(75 + 1.6 L) µinch (L in inches)	II	See note [3]
Metric, up to 175 mm	(1.3 + 0.0032 L) µm (L in mm)		
Indicator tester			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 1 inch	30 µinch	II	See note [3]
Metric, up to 25 mm	0.6 µm		
Bore gauge (2 points)			
Inch, up to 4 inches	(50 + 0.3 L) µinch (L in inches)	II	See note [3]
Metric, up to 100 mm	(1.1 + 0.0006 L) µm (L in mm)		
Indicator			
Dial			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, 0.00005 inch graduations	14 µinch	II	Up to 4 inch travel
Inch, 0.0001 inch graduations	20 µinch		
Metric, 0.001 mm graduations	0.3 µm		Up to 100 mm travel
Metric, 0.002 mm graduations	0.4 µm		
Metric, 0.02 mm graduations	3.0 µm		
Digital			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, 0.00005 inch resolution	30 µinch	II	Up to 4 inch travel
Metric, 0.0005 mm resolution	0.4 µm		Up to 100 mm travel
Metric, 0.001 mm resolution	0.7 µm		
Metric, 0.01 mm resolution	5.8 µm		
Caliper			
Outside, Inside and Depth			
Inch			
up to 24 inches	(290 + 1.6 L) µinch (L in inches)	II	See note [1]
> 24 inches to 40 inches			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
0.0005 inch resolution	(400 + 14 L) µinch (L in inches)	II	See note [1]
0.001 inch resolution	(1000 + 10 L) µinch (L in inches)		
Metric			
up to 600 mm	(5.8 + 0.002 L) µm (L in mm)	II	See note [1]
> 600 mm to 1000 mm			
0.01 mm resolution	(7.5 + 0.014 L) µm (L in mm)	II	See note [1]
0.02 mm resolution	(20 + 0.010 L) µm (L in mm)		
Depth gauge			
Dial Caliper Type			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 12 inches	0.0024 inch	II	See note [3]
Metric, up to 300 mm	60 µm		
Dial Indicator Type			
Inch, up to 12 inches	580 µinch	II	See note [3]
Metric, up to 300 mm	12 µm		
Digital Caliper Type			
Inch, up to 12 inches	290 µinch	II	See note [3]
Metric, up to 300 mm	6 µm		
Digital Indicator Type			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 12 inches	(30 + 2 L) µinch (L in inches)	II	See note [3]
Metric, up to 300 mm	(0.6 + 0.0025 L) µm (L in mm)		
Vernier Caliper Type			
Inch, up to 12 inches	1200 µinch	II	See note [3]
Metric, up to 300 mm	24 µm		
External caliper gauge			
Inch, up to 4 inches			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
0.0002 inch resolution	120 µinch	II	See note [1]
0.0005 inch resolution	290 µinch		
0.001 inch resolution	580 µinch		
0.002 inch resolution	1200 µinch		
0.005 inch resolution	2900 µinch		
Metric, up to 100 mm			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
0.005 mm resolution	2.9 µm	II	See note [1]
0.01 mm resolution	5.8 µm		
0.02 mm resolution	12 µm		
0.05 mm resolution	29 µm		
0.1 mm resolution	58 µm		
Internal caliper gauge			
Inch, up to 4 inches			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
0.0002 inch resolution	120 µinch	II	See note [1]
0.0005 inch resolution	290 µinch		
0.001 inch resolution	580 µinch		
Metric, up to 100 mm			
0.005 mm resolution	2.9 µm	II	See note [1]
0.01 mm resolution	5.8 µm		
0.02 mm resolution	12 µm		
Thickness gauge			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Inch, up to 1 inch	290 µinch	II	See note [3]
Metric, up to 25 mm	5.8 µm		
Profile projector			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Linearity of movement: Digital readout type	(1.6 + 0.021 L) μm (L in mm)	III	See note [3] On-site calibration available.
Linearity of movement: Micrometer head type	(1.6 + 0.017 L) μm (L in mm)		
Magnification error	(13+0.017 L) μm (L in mm)		
Squareness of stage	0.7 μm		
Eccentricity of screen rotation	1.6 μm		
Parallelism of stage	1.7 μm		

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Accuracy of edge finder	1.0 µm		
I-Checker			
0 mm to 100 mm	(0.13 +. 0027 L) µm , L is in mm	II	See note [1]
0 inches to 4 inches	(5.1 + 2.7 L) µinch , L is in inch		
Mu-checker: Graduation			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
0.1 µm	0.3 µm	II	See note [1]
0.5 µm	0.3 µm		
1 µm	0.4 µm		
5 µm	1.5 µm		
10 µm	2.9 µm		
50 µm	15 µm		
0.000005 inch	10 µinch		
0.00001 inch	10 µinch		
0.00005 inch	17 µinch		
0.0001 inch	30 µinch		
0.0005 inch	150 µinch		
0.001 inch	290 µinch		
Riser block			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
150 mm to 600 mm	(0.4 + 0.002 L) µm , L is in mm	II	See note [1]
6 inches to 24 inches	(16 + 2 L) µinch , L is in inch		
Height masters			
Up to 300 mm	(0.5 + 0.002 L) µm , L is in mm	II	See note [1]
Up to 12 inches	(20 + 2 L) µinch , L is in inch		
Step gauge (checkmaster)			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Up to 1010 mm	(0.39 + 0.0014 L) µm where L is the length in mm	II	See note [13]
> 1010 mm to 1710 mm	(0.61 + 0.0018 L) µm where L is the length in mm		
Up to 40 inch	(15.4 + 1.4 L) µinch where L is the length in inches		
> 40 Inch up to 70 Inch	(24 + 1.8 L) µinch where L is the length in inches		
Micrometer standard			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
5 mm to 500 mm	(0.32 + 0.002 L) µm where L is the length in mm	II	See note [13]
> 500 mm to 1000 mm	(0.69 + 0.004 L) µm where L is the length in mm		
0.2 inches to 20 inches	(12.6 + 2 L) µinch where L is the length in inches		
> 20 inches to 40 inches	(27.2 + 4 L) µinch where L is the length in inches		
Flatness for granite or steel surfaces requiring an accuracy of greater than 0.4 µm			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
1 mm x 1 mm to 900 mm x 1000 mm	(0.34 + 0.002 L) µm where L is the maximum length in mm	II	See note [15]
0.04 inches x 0.04 inches to 35 inches x 40 inches	(13 + 2 L) µinch where L is the maximum length in inches		
Cylindrical ring gauge: Diameter			
3 mm to 500 mm	(0.46 + 0.002D) µm where D is the diameter in mm	II	See note [13]
0.12 inches to 20 inches	(18.1 + 2.0D) µinch where D is the diameter in inches		
Cylindrical plug gauges: Diameter			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
3 mm to 500 mm	(0.30 + 0.002D) µm where D is the diameter in mm	II	See note [13]
0.12 inches to 20 inches	(11.8 + 2.0D) µinch where D is the diameter in inches		
Test spheres			
Diameter			
8 mm to 50 mm	0.4 µm	II	See note [13]
0.3 inches to 2 inches	16 µinch		
Form			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
8 mm to 50 mm	(0.05 + 0.007R) µm where R is the measured roundness in µm	II	See note [14]
0.3 inches to 2 inches	(2.0 + 0.007R) µinch where R is the measured roundness in µinch		
Roundness			
Diameter of 2 mm to 200 mm	(0.05 + 0.007R) µm where R is the measured roundness in µm	II	See note [14]
Diameter of 0.8 inches to 8 inches	(2.0 + 0.007R) µinch where R is the measured roundness in µinch		

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Precision squares			
50 mm to 800 mm	(0.3 + 0.003 L) µm where L is the length in mm	II	See note [15]
2 inches to 32 inches	(12 + 3 L) µinch where L is the length in inches		
Parallels: Granite or steel			
5 mm to 1000 mm			
Parallelism	(0.33 + 0.002 L) µm where L is the length in mm	II	See note [13]
Width	(0.83 + 0.001 L) µm where L is the length in mm		
0.2 inches to 40 inches			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Parallelism	(13.0 + 2 L) µinch where L is the length in inches	II	See note [13]
Width	(32.7 + 1.0 L) µinch where L is the length in inches		
Mitutoyo contracer and form tracers			
Up to 200 mm Horizontal Axis:			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Measurement of Stylus Radius	(1.21 + 0.004D) µm where D is measured Radius length in mm	III	On-site services as per FSTM-11
Detector Accuracy	(0.33 + 0.0007L) µm where L is the length in mm		
X and Y Axis	(0.63 + 0.004L) µm where L is measurement length in mm		
Straightness	0.09 µm		
Surface roughness	0.07 µm		
Coordinate measuring machines (CMM)			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Acceptance and reverification tests for CMM - CMMs used for measuring size			On-site services as per ISO 10360-2 2009 edition and 2001 edition. See note [9]
Error of Indication			
0 m to 1.5 m	(0.12 + 0.00004 L) µm where L is the length in mm	III	See note [10]
0 m to 40 m	(0.16 + 0.0006 L) µm where L is the length in mm		See note [11]
Probing Error			
10 mm to 50 mm in sphere diameter	0.14 µm	III	See note [12]

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Mitutoyo optic coordinate measuring machines			
Up to 600 mm			
Length Measurement Error: E_{UXY}	(0.25 + 0.39 x L/1000) µm at *k*=2 where L is measured Length in mm	III	On-site services according to ISO 10360-7: 2011 and FSTM-8 See note [17] See note [18]
Length Measurement Error: E_{UZ}	(0.27 + 0.60 x L/1000) µm at *k*=2 where L is measured Length in mm		
Squareness Error: E_{SQ}	(1.79 + 0.003L) µm at k=2 where L is measured Length in mm		
Probing Error: P_{F2D}	0.13 µm		
Probing Error: P_{FV2D}	0.13 µm		

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Surface roughness			
R_a up to 4.1 µm			
R_a	0.07 µm	II	See note [16]
R_{max}, R_y	0.29 µm		
R_a up to 160 µinches			
R_a	3 µinches	II	See note [16]
R_{max}, R_y	11 µinches		
Precision Glass Scales			
0 mm to 400 mm	(1.4 + 0.011L) µm, where L is Length in mm	II	See note [19]
0 inches to 15.7 inches	(55.2 + 11L) µinches, where L is Length in inches		
Precision Rulers			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
0 mm to 400 mm	(4.3 + 0.012L) µm, where L is Length in mm	II	See note [19]
0 inches to 15.7 inches	(169 + 12L) µinches, where L is Length in inches		
Hardness			
Indirect verification of Rockwell hardness testers			
HRA	Governed by the uncertainty of the standardized test block used to perform the indirect verification	III	ASTM E18 Standardized Test Blocks per ASTM E18 See notes [4], [7] and [8]. On-site calibration available.
HRB			
HRC			
HRD			
HRE			
Indirect verification of Rockwell Superficial hardness testers			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
HR15T	Governed by the uncertainty of the standardized test block used to perform the indirect verification	III	ASTM E18 Standardized Test Blocks per ASTM E18 See notes [4], [7] and [8]. On-site calibration available.
HR30T			
HR15N			
HR30N			
Indirect verification of Vickers and Knoop micro indentation hardness testers			

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
HV	Governed by the uncertainty of the standardized test block used to perform the indirect verification	III	ASTM E384 Standardized Test Blocks per ASTM E384 See notes [5], [7] and [8]. On-site calibration available.
HK			
Indirect verification of Vickers hardness testers			
HV	Governed by the uncertainty of the standardized test block used to perform the indirect verification	III	ASTM E92 Standardized Test Blocks per ASTM E92 See notes [6], [7] and [8]. On-site calibration available.

Measured Quantity & Range or Instrument	Expanded Measurement Uncertainty	Type of Service	Remarks
Indirect verification of Rockwell and Vickers portable hardness testers			
HRC	Governed by the uncertainty of the standardized test block used to perform the indirect verification	III	ASTM E18 and E92 Standardized Test Blocks per ASTM E18 & E92 See notes [4], [6], [7] and [8]. On-site calibration available.
HV			

1 The Calibration Measurement Capability (CMC) listed can be achieved only if the standards being calibrated are suitable for such a measurement. The uncertainty stated on a calibration report will reflect the uncertainty contribution of the standards that were calibrated.

2 This measured quantity is commonly known as parallelism of gauge blocks.

3 The Calibration Measurement Capability listed is based on the calibration of an instrument with a resolution of 0.001 mm. The uncertainty stated on the calibration report will reflect the uncertainty contribution of the specific instrument that was calibrated.

4 The Indirect Verification of Rockwell Hardness Testers and Rockwell Superficial Hardness Testers is performed according to the requirements of ASTM E18.

5 The Indirect Verification of Knoop and Vickers Micro Hardness Testers is performed according to the requirements of ASTM E384.

6 The Indirect Verification of Vickers Hardness Testers is performed according to the requirements of ASTM E92.

7 ASTM E18, E384 and E92 are published by the ASTM International (ASTM).

8 The uncertainty of the hardness tester being calibrated is calculated for each specific test point and is dependant on the uncertainty of the specific hardness test block used and on the performance characteristics of the hardness tester itself.

9 The conformance to specification of the CMM is made in accordance with ISO 14253-1 taking into account all test measurement uncertainties.

10 This CMC is obtained using a low expansion artefact being at least 66% of the longest spatial diagonal of the measuring volume of the CMM, and the shortest size being less that 30 mm, over a temperature ranging from 19.5 to 20.5°C.

11 This CMC is obtained using a laser interferometer measuring technique, over a temperature ranging from 19.5 to 20.5°C.

12 The reference sphere supplied with the CMM will not be used for this test.

13 Calibrated in comparison with traceable standards using a Legex CMM.

14 Calibrated in comparison with traceable standards using a roundness tester.

15 Calibrated using a Legex CMM.

16 ASME B46.1

17 For imaging probe CMM capable of 3D and 2D measurements, using the component approach.

18 Limited to unidirectional measurements.

19 Calibrated in comparison with a master glass scale

From: National Research Council Canada

Date modified:

2023-04-18

Standards Council of Canada
Conseil canadien des normes

National Research Council Canada
Conseil national de recherches Canada

Program for Accreditation of Laboratories – Canada
Programme d'accréditation des laboratoires – Canada

Calibration Laboratory Assessment Service
Service d'évaluation de laboratoires d'étalonnage

CERTIFICATE OF ACCREDITATION

CERTIFICAT D'ACCRÉDITATION

Mitutoyo Canada Inc.

Calibration Laboratory

2121 Meadowvale Boulevard, Mississauga, ON L5N 5N1

having been assessed by the National Research Council of Canada (NRC), under the authority of the Standards Council of Canada (SCC), and found to conform with the requirements of ISO/IEC 17025:2017 and conditions established by SCC, and the NRC Calibration Laboratory Assessment Service (CLAS), and having demonstrated the capability of calibrating measurement instruments and standards and providing verified traceability to the national measurement standards of Canada, in specified fields and specified uncertainty limits, is hereby recognized as an

ayant fait l'objet d'une évaluation par le Conseil national de recherches du Canada (CNRC), sous l'autorité du Conseil canadien des normes (CCN) et ayant été trouvé conforme aux exigences d'ISO/IEC 17025:2017, ainsi qu'aux conditions établies par le CCN et le Service d'évaluation de laboratoires d'étalonnage (CLAS) du CNRC, et ayant prouvé ses compétences en matière d'étalonnage des instruments de mesure et des étalons, et de raccordement aux étalons nationaux du Canada, dans des domaines précis et des limites établies d'incertitude, est de ce fait reconnu comme étant un

ACCREDITED CALIBRATION LABORATORY
For specific measurement capabilities which are hereby CERTIFIED by CLAS

LABORATOIRE D'ÉTALONNAGE ACCRÉDITÉ
CERTIFIÉ par le CLAS pour des capacités précises de mesurage

as listed in the Directory of the Canadian Calibration Network maintained by NRC and approved by SCC. The national measurement standards of Canada are realized, maintained and disseminated by NRC under the authority of the National Research Council Act and the Weights and Measurements Act. Bilateral agreements recognizing the equivalence of national measurement standards exist between NRC and other national metrology institutes. Copies of these agreements are available from NRC.

indiquées dans le Répertoire du réseau canadien d'étalonnage établi par le CNRC et approuvé par le CCN. Les étalons nationaux du Canada sont établis, maintenus et émis par le CNRC en vertu de la Loi sur le Conseil national de recherches et de la Loi sur les poids et mesures. Il existe entre le CNRC et d'autres instituts nationaux de métrologie des accords bilatéraux qui reconnaissent l'équivalence des étalons nationaux de mesure. Le CNRC tient à la disposition du public des exemplaires de ces accords.

Accredited laboratory number: / Numéro de laboratoire accrédité : 503
SCC file number: / Dossier du CCN n° : 15587
NRC CLAS Certificate No. / Numéro du certificat CNRC CLAS : 2003-05
Initial accreditation date: / Date de la première accréditation : 2003-10-07

Chief Metrologist (NRC) / Métrologiste en chef (CNRC)

Vice-President – Accreditation Services / Vice-président – Services d'accréditation
Issued on: / Délivré le : 2020-04-05

The validity of this certificate, including the date of last re-accreditation and its expiry can be confirmed by the accompanying Scope of Accreditation document in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. The accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF communiqué dated April 2017).

Pour vérifier la validité du présent certificat, y compris la date de la dernière réaccréditation et la date d'expiration du certificat, consulter la portée d'accréditation qui se trouve dans le répertoire des laboratoires accrédités dans le site Web du CCN au www.scc.ca.

Ce laboratoire est accrédité conformément à la Norme internationale reconnue ISO/IEC 17025:2017. Cette accréditation démontre la compétence technique d'un organisme pour une portée définie et l'exploitation d'un système de management de la qualité de laboratoire (cf. communiqué conjoint ISO-ILAC-IAF date de avril 2017).

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Canada

Travaux publics et Services gouvernementaux Canada

Public Works and Government Services Canada

Programme des marchandises contrôlées

Controlled Goods Program

Certificat d'inscription accordé à

Certificate of Registration issued to

Mitutoyo Canada Inc.

Exercent ses activités sous le nom / Carrying on business as

Le présent certificat confirme votre inscription au Programme des marchandises contrôlées. Votre inscription est assujettie à des conditions réglementaires et aux conditions énoncées par le ministre dans le document "Conditions de l'inscription".

This certificate confirms your registration with the Controlled Goods Program subject to conditions prescribed by regulations and any other conditions set out by the Minister in the "Conditions of Registration" document.

N° de certificat / Certificate No. 29978

Entrée en vigueur / Issued 2021/11/24 YYYY/MM/DD

Date d'expiration / Expires 2023/11/24 YYYY/MM/DD

Émis par le ministre en vertu de la *Loi sur la production de défense* / Issued by the Minister pursuant to the *Defence Production Act*

Gestionnaire / Manager

Canada