

Application for US/Canada Mutual Recognition Arrangement for Scale



Measurement
Canada

Mesures
Canada

An Agency of
Industry Canada

Un organisme
d'Industrie Canada

This application should be used if the device is 1) electronic computing and non-computing bench and floor scales with a capacity up to 1 000 kg (2 000 lb) 2) separate weighing/load receiving elements with a capacity up to 1 000 kg (2 000 lb) 3) separate electronic indicators (except those that are "software based," i.e., programmed by downloading parameters) or 4) mechanical scales up to 10 000 kg (20 000 lb).

Application Instructions:

- Review applicable checklist in "NCWM, Publication 14: Weighing Devices" and "Measurement Canada Engineering and Laboratory Services Directorate."
- Review "NCWM, Publication 14: Administrative Policy."
- Review applicable sections of "NIST, Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices."
- Sign application. **Unsigned applications will not be accepted.**
- **Submit payment with application.**
- Submit a copy of the amended CC with changes clearly marked.
- Submit **two digital photos** of the device via email or on CD.
- **Submit this application to NCWM in one of the following ways:**
- **Important Notice:** Canada also requires completion of a separate Canada application. **Submit this application to both NCWM and Measurement Canada.** Go to www.ic.gc.ca/eic/site/mc-mc.nsf/eng/lm04603.html

Email: info@ncwm.net

Email: ic.mcacsl-mclsae.ic@canada.ca

Mail: **National Conference on Weights and Measures**

Mail: **Measurement Canada**

Attention: Project Coordinator
1135 M Street, Suite 110
Lincoln, Nebraska 68508

Engineering and Laboratory Services Directorate
151 Tunney's Pasture Driveway
Ottawa, Ontario Canada K1A 0C9

Fax: 402.434.4878

Fax: 613.952.1754

For Use by NCWM	
Control #:	_____
Project #:	AP-AM-_____
CC #:	_____
NOA #:	_____

If completing application by hand, do so legibly and in blue ink. Illegible applications may delay processing times.

Part 1. Who Will the <u>Contact</u> Be <u>During</u> the National Type Evaluation Program (NTEP) Application Process			
Today's Date:	Are you or someone within your company a National Conference on Weights and Measures (NCWM) Member: <input type="checkbox"/> Yes <input type="checkbox"/> No	NCWM Member ID:	Member Name:
Company:			
Street Address:			
City:	State:	Zip Code:	Country:
Primary Contact Name:		Primary Contact Email Address (Required):	
Phone Number with Extension if Applicable:	Fax Number:	Web site:	
Other Authorized Contact Name:	Other Authorized Contact Email Address:	Other Authorized Contact Phone Number:	
Part 2. What <u>Contact Information</u> Do You Want to Appear on the NTEP Certificate of Conformance			
Company:			
Street Address:			
City:	State:	Zip Code:	Country:
Phone Number with Extension if Applicable:	Fax Number:		
Contact Name:	Email Address:	Web site:	

Part 3. Where Do You Want <u>ALL Billing</u> to Be Sent			
Company:		Contact Name:	
Street Address:			
City:		State:	Zip Code: Country:
Email Address (Required):		Phone Number with Extension if Applicable:	

Part 4. NTEP Fees (Due at time of application.)		
	NCWM Member	Non-Member
Application Fee (non-refundable)	\$800.00	\$1,200.00
Certificate Processing Fee	\$150.00	\$225.00
Total Fees	\$950.00 (Application & Processing Fees)	\$1,425.00 (Application & Processing Fees)
** Additional laboratory fees may apply. Annual Maintenance Fees will also apply. See Publication 14 Administrative Policy for details.		
To become an NCWM Member, please go to www.ncwm.net/about/membership/renew-join and fill out the Membership Application. One of the many benefits of becoming a member is the reduced fees for NTEP Applications and Annual Maintenance. For a complete list of membership benefits, please go to www.ncwm.net/about/membership/benefits .		

Part 5. Publications				
PUBLICATION	NCWM MEMBER UNIT PRICE	NON-MEMBER UNIT PRICE	QUANTITY	AMOUNT DUE
<input type="checkbox"/> Handbook 44 (2019 Edition) Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices," as adopted by the National Conference on Weights and Measures	\$46	\$46		\$
<input type="checkbox"/> Publication 14: Administrative Policy (2019 Edition)	\$60	\$120		\$
<input type="checkbox"/> Publication 14: Grain Moisture Meters & Near Infrared Grain Analyzers (2019 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> Publication 14: Measuring Devices (2019 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> Publication 14: Weighing Devices (2019 Edition) Technical Policy, Checklists and Procedures	\$60	\$120		\$
<input type="checkbox"/> Publication 14 CD (2019 Edition) Includes: Administrative Policy, Grain Moisture Meters & Near Infrared Grain Analyzers, Measuring Devices and Weighing Devices	1-3 CDs \$135 4-9 CDs \$100 10+ CDs \$85	1-3 CDs \$270 4-9 CDs \$200 10+ CDs \$170		\$
SHIPPING & HANDLING	USA ONLY	OUTSIDE USA	SHIPPING DUE	
For quantities larger than those listed, please contact NCWM at 402.434.4872 or elisa.stritt@ncwm.net for pricing.	Book(s): 1 = \$12.00 2-3 = \$19.00 CD(s): 1-3 = \$10.00 4-6 = \$16.00	Contact NCWM at 402.434.4872 for shipping rates.	\$	

Part 6. Payment Information																		
<input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> American Express <input type="checkbox"/> Check Enclosed (made payable to NCWM)																		
Account Number:												Expiration Date:			Security Code:			
Billing Address:												Zip Code:						
Name on Credit Card:												Total Amount Enclosed:						
												\$						

Part 7. What Laboratory Would You Like to Conduct the Evaluation (NTEP reserves the right to select the laboratory.)

First Available Measurement Canada
 US NTEP – California US NTEP – GIPSA (IL) US NTEP - Maryland US NTEP – Ohio US NTEP – New York

Part 8. General Information

Is this Evaluation to Addend An Existing CC/NOA: Yes, Provide CC Number/NOA Number: _____ No

If Amending CC, Describe the Purpose of Revision:

Part 9. Model Designation

Model Designation(s) How It/They Will Appear on the NTEP Certificate of Conformance:

Part 10. Device Type

Check One:

Electronic Computing Scale with a Capacity Less Than 1 000 kg (2 000 lb)
 Electronic Non-computing Scale with a Capacity Less Than 1 000 kg (2 000 lb)
 Mechanical Scales Up To 10 000 kg (20 000 lb)
 Separate Electronic Indicators (except those that are "software based," i.e., programmed by downloading parameters)
 Separate Weighing/Load Receiving Elements with a Capacity Up To 1 000 kg (2 000 lb)

Part 11. Units of Measurement the Device is Capable of Displaying

Check All That Apply:

<input type="checkbox"/> Assay Ton (AT)	<input type="checkbox"/> Carat (c)	<input type="checkbox"/> Dram Apothecaries (d rap or 3)	<input type="checkbox"/> Dram (dr avdp)
<input type="checkbox"/> Gamma (γ)	<input type="checkbox"/> Grain (gr)	<input type="checkbox"/> Gram (g)	<input type="checkbox"/> Hundredweight (cwt)
<input type="checkbox"/> Kilogram (kg)	<input type="checkbox"/> Microgram (μg)	<input type="checkbox"/> Milligram (mg)	<input type="checkbox"/> Ounce (oz)
<input type="checkbox"/> Ounce Troy (oz t)	<input type="checkbox"/> Pennyweight (dwt)	<input type="checkbox"/> Pound (lb)	<input type="checkbox"/> Pound Troy (lb t)
<input type="checkbox"/> Ton Metric (t)	<input type="checkbox"/> US Short Ton (T)	<input type="checkbox"/> US Long Ton (LT)	

Can units be individually sealed: Yes No

Part 12. Display Type (Only Applies to Complete Scale and Indicating Element)

Check All That Apply:

Cathode Ray Tube (CRT) Light Emitting Diode (LED) Liquid Crystal Display (LCD) Touch Screen
 7 or 14 Segment Alphanumeric

Part 13. Means of Calibration

Description	Hardware	Software	Hardware/Software
Coarse Zero	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coarse Span	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine Zero	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine Span	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Does the junction box for the load cell cables contain any resistors or potentiometers: Yes No NA

Part 14. Means of Sealing

Is there a physical seal: Yes No

Describe the means and location of physical sealing:

Is there an audit trail: Yes No

What is the audit trail category: 1 2 3

Part 15. Metrological Data (Applies to Weighing/Load Receiving Element, Indicating Element and Complete Scale)						
Model	Maximum Capacity	e	d	n _{max}	Temperature Range if Other Than -10 °C to +40 °C	Accuracy Class

Symbol Key:

- e:** A value expressed in units of weight (mass) and specified by the manufacturer of a device, by which the tolerance values and the accuracy class applicable to the device are determined.
- d:** The value of the scale division, expressed in units of mass, is the smallest subdivision of the scale for analog indication or the difference between two consecutively indicated or printed values for digital indication or printing. Also referred to as minimum graduation value, or minimum division value.
- n_{max}:** The maximum number of scale divisions for which a main element or load cell complies with the applicable requirements.

Part 16. Load Cells Used in Weighing/Load Receiving Element						
Manufacturer	Model	E _{max}	V _{min}	n _{max}	Temperature Range	Class

Symbol Key:

- E_{max}:** Largest value of quantity (mass) which may be applied to a load cell without exceeding the mpe.
- V_{min}:** The smallest load cell verification interval, expressed in units of mass into which the load cell measuring range can be divided.
- n_{max}:** The maximum number of scale divisions for which a main element or load cell complies with the applicable requirements.

Part 17. Features and Options (Only Applies to Complete Scale and Indicating Element)										
		List Each Model:								
Zero Setting Mechanisms	Automatic Zero Tracking (AZT):									
	Initial Zero Setting Mechanism (IZSM):									
	Semi-Automatic Zero (Push Button):									
	Other:									
Tare	Keyboard Tare:									
	Multiple Tare Memories:									
	Percentage Tare:									
	Programmable Tare:									
	Proportional Tare:									
	Semi-Automatic (Push Button) Tare:									
	Tare Save Key:									
Other:										
Power Supply	AC Power:									
	DC Power/Battery:									
	Power Saving Feature (Sleep Mode):									
	Power Saving Feature (Auto Shut Off):									
	Other:									
Display(s)	Alphanumeric Display:									
	Customer Display (Dual):									
	Gross/Net Display:									
	Integral Display:									
	Liquid Crystal Display:									
	Pedestal Display:									
	Remote Customer Display:									
	Separate Gross/Tare/Net Display:									
	Touch Screen:									
Other (Describe):										
Communication Ports	4-20 mA Loop:									
	Ethernet/Wireless:									
	Parallel Communication:									
	Printer:									
	RS-232: / add USB:									
Other:										
Other Characteristics	Can Be Remotely Calibrated or Configured:									
	Linearity Calibration Points:									
	Multi-deck (Multichannel) Capability:									
	Wireless Communication:									
Other:										

Part 18. Canada Weights and Measures Act

EXTRACTS FROM THE WEIGHTS AND MEASURES ACT (S.C. 1970-71, CHARTER 36) AND THE WEIGHTS AND MEASURES REGULATIONS (C.R.C. 1978, CHAPTER 1605).

ACT

- 3. 1. The Minister shall, in accordance with the regulations, approve devices, or classes, types or designs of devices for use in trade.
- 8. No trader shall use, or have in his possession for use, in trade, any devices unless
 - A. that device or class, type or design of device has been approved for use in trade pursuant to section 3

REGULATIONS

- 14. An application for the approval of a device, or of a class, type or design of device for use in trade shall be made in writing to the Minister and shall contain the following information:
 - A. a description of the commodity that a device of that class, type or design is designed to measure;
 - B. the different units of measurement registered by a device of that class, type or design;
 - C. the range of flow rate or a capacity of a device of that class, type or design; and
 - D. where the manner of installation or use affects the performance of a device of that class, type or design, the manner in which the device is to be installed or used.
- 15. 1. The application referred to in section 14 shall be accompanied by duplicate copies of:
 - A. test data relating to the actual service performance of the device or to the simulated service performance of the device;
 - B. the principal drawings and specifications to be used by the manufacturer in assembling, testing and, where applicable, installing devices of that class, type or design; and
 - C. the promotional material, bulletins, brochures, instructions and other information distributed or intended for distribution to purchasers or prospective purchasers of a device of the class, type or design to which the application relates.
 2. A person who submits an application under section 14 shall, when requested to do so by the Minister, supply to the Minister such information, test data, drawings or specifications as are necessary to enable the Minister to deal with the application.
- 16. On the request of the Minister and under any conditions that may be specified by him or her, the applicant shall make available to the Minister one or more devices of the class type or design to which the application relates, together with any information, equipment, material and services that are required to evaluate the device for approval.

NOTE: The Director, Engineering and Laboratory Services Directorate are authorized to perform the duties and exercise the powers under the provisions quoted above.

IMPORTANT: Materials to be handled as protected commercial information must be so identified.

Part 19. Signature

By checking this box, the applicant authorizes the National Type Evaluation Program to disclose to Regulatory Officials, upon their request, that this application has been submitted and whether the file is currently open or closed.

Sign Here

Applicant agrees to and accepts all of the following terms and conditions for application for a National Type Evaluation Program (NTEP) Certificate of Conformance (US) and the Notice of Approval (Canada). 1) All the devices manufactured as the type referenced will continue to conform to the same specifications and tolerances and be of the same type without technical or metrological deviation of consequence. 2) All costs incurred by the NTEP, participating laboratory(s) and Approval Services Laboratories; Measurement Canada will be paid by the applying company. 3) The NCWM policies, practices and procedures set forth in its Bylaws and publications are incorporated by reference as terms and conditions of the issuance/renewal under NTEP. 4) Applicant agrees that the law of the State of Nebraska shall control the interpretation and construction of NTEP and business relationships, including choice of law provisions. The parties agree that the exclusive legal forum of choice of the parties shall be the Lancaster County State District Court located in Lincoln, Nebraska. 5) Applicant agrees that NCWM, its officers, directors, employees and agents shall have no liability for any damages of any nature in excess of the application fee or the annual renewal fee, as applicable. This limitation of liability is a condition of any certificate of conformance or renewal certificate under the NTEP Program. **Please be aware that an electronic signature is as legally binding as a handwritten signature.**



Signature

Date

Title