

**NTEP - Measuring Sector
Meeting Agenda
(Meeting Room Antelles)**

September 15, 2026, 8:00 am to 5:00 pm and September 16, 2026, 8:00 am to 12:00 pm

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Glossary of Acronyms			
CC	Certificate of Conformance	NTETC	National Type Evaluation Technical Committee
DMS	Division of Measurement Standards	OIML	International Organization of Legal Metrology
ECR	Electronic Cash Register	OWM	Office of Weights and Measures (NIST)
EVFS	Electric Vehicle Fueling Systems	PD	Positive Displacement
HB 44	NIST Handbook 44 “Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices”	Pub 14	NCWM Publication 14
LMD	Liquid Measuring Devices	RMFD	Retail Motor-Fuel Dispenser
mA	Milliamp	SI	International System of Units
MFM	Mass Flow Meters	S&T	Specifications and Tolerances
NCWM	National Conference on Weights and Measures	TG	Task Group
NIST	National Institute of Standards and Technology	VTM	Vehicle Tank Meter
NTEP	National Type Evaluation Program	W&M	Weights and Measures
This glossary is meant to assist the reader in the identification of acronyms used in this agenda and does not imply that these terms are used solely to identify these organizations or technical topics.			

Carry-over Items:

- 1. ADM-23.1 (I) Acceptance of OIML-CS Test Reports Issued for Devices Evaluated to the OIML R117 Recommendation for Issuing NTEP Certificates of Conformance.**

Source: Dmitri Karimov/ Advanced Flow Solution

Conclusion: This item was recommended by the NTEP Committee to move to the NCWM BOD for a vote during the 2026 Spring Board of Directors/NTEP Committee meeting. The item was rejected and has been withdrawn.

- 2. ADM-24.2 (I) Implement Metrological Software Version Change Policy**

Source: NTEP Administrator

Background: To encourage companies to inform NTEP of changes to software and have an easier more economical application to submit the changes.

Conclusion: This item was recommended by the NTEP Committee to move to the NCWM BOD for a vote during the 2026 Spring Board of Directors/NTEP Committee meeting. The item was accepted and will no longer appear on the report.

New Items:

1. Items that were adopted during the NCWM 2026 Annual Meeting

Block 3: LMD-26.2, VTM-26.1, LPG 26.1, CLM-26.1, MLK-26.1, WTR- 26.1. MFM-26.1, CDL 26.2, HGM-26.2

There were no items that were adopted during the NCWM 2026 Annual meeting that require developmental changes to Publication 14 Measuring Devices. Block 3 code sections will be changed as an editorial change to all applicable sections of NTEP Publication 14 Measuring Devices.

Discussion:

2. Use of Composite Meter Factor (CMF).

Source: Measurement Canada

As per Canadian W&M Regulation 288, when planning to use Composite Meter Factor (CMF), means to ensure constant (limited change) product pressure during the delivery period is required. As per Canadian Bulletin V-15, 5.3: “Therefore, the use of composite meter factors is not acceptable in trade applications. In situations where pressure compensation is desirable, additional dynamic pressure sensing elements must be provided in the metering installation.”.

As per API MPMS Ch 6.2, 8.2.1, the use of CMF is suggested for situations where the liquid product pressure over the delivery period can be considered constant. However, API MPMS Ch 12.2, 9.6.4, does not define a “Constant Pressure” condition, rather a sensitivity analysis is being recommended to increase the overall uncertainty of the process, provided that all parties involved agree to it. in addition, this is applicable to liquids governed by API MPMS Ch 11.2.1.

- Does NTEP get involved with this in any capacity specifically in relation to API Ch 12.2, 9.6.4 (increased U)?
- In order to be acceptable, should U remain within tolerance AND CMF be used instead of MF?

Use of other ATC tables

2- Use of ATC tables other than those from API (e.g. IEC)

Harmonization

1- To resolve the issue by harmonizing the process across the border, defined conditions would be required under which the use of CMF would be allowed. That could include the comparison of the U before and after the consideration of pressure variation range, the difference between the pressure at the time of proving and at the time of use in trade, etc.

2- To consider other ATC models than those provided by API, for certain products not listed specifically under API, if they are available.

CMF ban

1- There may not be an appetite to disallow CMF. However, in the lack of a better solution, this option may be considered.

Matching ATC

2- Find closest API existing ATC model

3. CC Number Continually Displayed on Not Built for Purpose Software.

Source: NTEP Administrator, Weighing Sector

Discussion:

4. Open Forum Discussion for topics, challenges and items that did not make the agenda.

Source: NTEP Administrator

Discussion:

Closing Items

1. Meeting Location and Date of 2027 Measuring Sector Meeting.

Background: This Item is included on the Sector's agenda to allow for input from Sector members on future meetings and to allow NTEP Administration to apprise the Sector of dates that have already been set.

2. Meeting Attendees.

The final list of attendees will be available from the NCWM for the 2026 Measuring Sector meeting and can be obtained by emailing info@ncwm.com and requesting the list.