Specifications and Tolerances (S&T) Committee
2026 Annual Meeting Agenda
Addendum Sheet

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INTRODUCTION

The S&T Committee submits its Committee Annual Meeting Agenda for consideration by National Council on Weights and Measures (NCWM). This addendum sheet contains the report items published in *NCWM Publication 16: Committee Reports for the 111th Annual Meeting*. The addendum sheet will address the following items during the Annual Meeting.

Items are grouped according to item status:

(VC) Voting Consent Calendar: The Committee has grouped these items for a single vote.

(V) Voting Item: The Committee is making recommendations requiring a vote by the active members of NCWM.

(I) Informational Item: The item is under consideration by the Committee but, not proposed for Voting.

(A) Assigned Item: The Committee assigned development of the item to a recognized subcommittee or task group.

(D) Developing Item: The Committee determined the item has merit; however, the item was returned to the submitter or other designated party for further development before any action can be taken at the national level.

(W) Withdrawn Item: The item has been removed from consideration by the Committee.

Voting Consent Calendar Item(s)

Voting Item(s)

Informational Item(s)

Assigned Item(s)

Developing Item(s)

Withdrawn Item(s)

Details of All Items
(In order by Reference Key)

GEN – GENERAL CODE

GEN-25.1 W G-S.5.6. Recorded Representations

GEN-25.1
Comments:
No changes.

GEN-26.1 V G-S.5.6. Recorded Representations and Appendix D – Definitions: electronic receipt.

GEN-26.1
Comments:
The Committee edited the item to remove stricken words to follow item development guidelines. **electronic receipt. – A version of a recorded representation in electronic form accessed or delivered via email, Dynamic QR Code, Short Message Service (SMS) or approved Mobile Device application installed on a Smart Phone or Tablet. A Toll-Free Customer Support Number may also be utilized to request an electronic receipt via email or SMS.** **(Added 20XX)**

SCL – SCALES

SCL-24.2 D Multiple Sections Regarding Tare

SCL-24.2
Comments:
No changes.

SCL-22.2 A UR.3.1.X. Required Minimum for Cannabis Products.

SCL-22.2
Comments:
No changes.

SCL-25.1 VC ~~S.5.2., S.6., and~~ UR.3.1. and Table 8

SCL-25.1
Comments:
The Committee has edited the title of the item as S.5.2 and S.6 are no longer proposed to be amended and Table 8 has now been included ~~S.5.2., S.6., and~~ UR.3.1. **and Table 8**

SCL-25.3 W UR.3.15. Zero-Balance Recorded Weight for Forklift Scales

SCL-25.3
Comments:
No changes.

LMD – LIQUID MEASURING DEVICES

LMD-24.2 V N.4.1. Normal Tests.

LMD-24.2
Comments:
No changes.

LMD-26.1 A S.2. Measuring Elements, S.4. Marking Requirements, N.4. Testing Procedures, U.R.6. ~~Temperature~~ Volume Compensation and Correction Wholesale, and T.5. Density Correction Systems.

LMD-26.1
Comments:
No changes.

HGV – HYDROCARBON GAS VAPOR-MEASURING DEVICES

HGV-25.1 D S.1.1.4. Advancement of Indicating and Recording Elements., S.11.5. Proving Indicator., S.2.2. Provision for Sealing., S.4.3. Temperature Compensation., S.4.4. ~~Badge~~Identification., N.3. Test Drafts., N.4.1. Normal Tests., and Appendix D. Definitions register

HGV-25.1
Comments:
No changes.

WTR – WATER METERS CODE

WTR-26.2 VC S.1.1.4. Advancement of Indicating and Recording Elements.

WTR-=26.2
Comments:
No changes.

EVF – ELECTRIC VEHICLE FUELING SYSTEMS

EVF-26.2 A 3.40 Electric Vehicle Fueling System A.2. Exemptions, S.1 Primary Indicating and Recording Element, S.1.2. EVSE Indication Elements, S.1.3.2 EVSE Values of Smallest Units, S.2.3. EVSE Provision for Power Loss, S.2.4.2. Equipment Capacity and Type of Voltage, S.2.4.4. Agreement Between Indications, S.2.5.1. Money-Value Divisions Digital, S.7 Totalizer for EVSE Systems, N.3.2. Type Evaluation of a DC EVSE

EVF-26.2
Comments:
No changes.

FMT – FARM MILK TANKS

FMT-26.1 VC S.1.4. General.

FMT-26.1
Comments:
The Committee edited the item to correct formatting of 2m3 to $2m^3$, added "physical" before address, and added a double asterisk (**) to the Nonretroactive date. **S.4.1. General. – A volume chart shall show volume values only, *over the entire range of the volume of the tank from 5% of capacity or $2m^3$ (500 gal) whichever is less, to its maximum capacity.** All letters and figures on the chart shall be distinct and easily readable. The chart shall be substantially constructed, and the face of the chart shall be so protected that its lettering and figures will not tend easily to become obliterated or illegible. *The volume chart shall also include the physical address where the tank was most recently gauged.*** *[*Nonretroactive as of January 1, 1986]* *[**Nonretroactive as of January 1, 20XX]* **(Amended 1985 and 20XX)**

FMT-25.1 VC UR.1. Installation

FMT-25.1
Comments:
The Committee edited the item, correcting the spelling of permanent, removing the extra period (.) after calibration, and including the asterisk (*) before the Nonretroactive date. **UR.1. Installation** – A stationary tank shall be rigidly installed in level without the use of removable blocks or shims under the legs. ***A permanent means shall be in place to prevent any readjustment or shifting out of level after the equipment's calibration. A stationary tank shall not move during the loading or unloading process.*** * If such tank is not mounted permanently in position, the current position on the floor for each leg shall be clearly and permanently defined. ***[*Nonretroactive as of January 1, 20XX]*** **(Amended 20XX)**

TIM – TIMING DEVICES

TIM-26.1 VC S.1.1.3. Value of Smallest Division

TIM-26.1
Comments:
No changes.

MDM – MULTIPLE DIMENSION MEASURING DEVICES

MDM-25.1 V Multiple Sections Regarding Adding Volumetric Measuring Devices to Section 5.58.

MDM-25.1
Comments:
The Committee edited Table T.3.1 to include "Volumetric Measuring Devices" to provide clarity.

Table T.3.1. Volumetric Measuring Devices

Maintenance Tolerances

(All values in this table are in measuring divisions)

1	2	3	4
0 – 200[1]	201 – 400	401- 800	801 +

[1] See S.1.7. Minimum Measurement (12 d).

(Added 20XX)

MDM-26.1 V S.1.5.2. Devices Capable of Measuring Irregularly Shaped Objects

MDM-26.1
Comments:
The Committee made the following editorial changes, adding an asterisk (*) after plane and replacing the parenthesis ( ) with brackets [] in the Nonretroactive requirement to conform with formatting. The Committee created a second version to align with MDM-25.1 if adopted. **If MDM-25.1 is not adopted, the following version will be voted on** **S.1.5.2. Devices Capable of Measuring Irregularly-Shaped Objects. –** For devices capable of measuring irregularly shaped objects, the value of the division size (d) shall be the same for the length axis (x) and the width axis (y) and may be different for the height axis (z), provided that electronic rotation of the object to determine the smallest hexahedron is calculated in only a two-dimension horizontal plane, retaining the stable side plane as the bottom of the hexahedron. ***For multi-interval devices, if the measuring interval for each axis is determined automatically according to the actual dimension being measured, then the division size (d) for each dimension (length, width, height) shall not differ by the orientation of the measured item in the x-y plane.**** ***[*Nonretroactive as of January 1, 20XX]*** (Added 2008) **(Amended 20XX)** **If MDM-25.1 is adopted, the following version will be voted on** **(c)** For devices capable of measuring irregularly shaped objects, the value of the measuring division size (d) shall be the same for the length axis (x) and the width axis (y) and may be different for the height axis (z), provided that electronic rotation of the object to determine the smallest hexahedron is calculated in only a two-dimension horizontal plane, retaining the stable side plane as the bottom of the hexahedron. ***For multi-interval devices, if the measuring interval for each axis is determined automatically according to the actual dimension being measured, then the division size (d) for each dimension (length, width, height) shall not differ by the orientation of the measured item in the x-y plane.**** ***[*Nonretroactive as of January 1, 20XX]*** (Added 2008) (Amended 2026)

OTH – OTHER ITEMS

OTH-25.1 A 2.26 Weigh-in-Motion Systems Used for Vehicle Direct Enforcement

OTH-25.1
Comments:
No changes.

OTH-26.1 VC Appendix D Definitions – interference test.

OTH-26.1
Comments:
No changes.

OTH-26.2 VC Appendix D Definitions – scale division, value of (d).

OTH-26.2
Comments:
No changes.

ITEM BLOCK 1 (B1) – TRANSPORTATION-FOR-HIRE SYSTEMS

B1: TNS-25.1 I Section 5.60. Transportation Network Measurement Systems – Tentative Code

B1: TNS-25.1
Comments:
No changes.

B1: TXI-25.1 I 5.54 ~~Taximeters~~ Transportation-For-Hire Systems

B1: TXI-25.1
Comments:
No changes.

ITEM BLOCK 2 (B2) – REFERENCES TO TYPE EVALUATION

B2: CDL-26.1 VC A.4. Type Evaluation.

B2: CDL-26.1
Comments:
No changes.

B2: HGM-26.1 VC A.4. Type Evaluation.

B2: HGM-26.1
Comments:
No changes.

B2: EVF-26.1 VC A.4. Type Evaluation.

B2: EVF-26.1
Comments:
No changes.

B2: EMS-26.1 VC A.4. Type Evaluation.

B2: EMS-26.1
Comments:
No changes.

B2: GMA-26.1 VC A.3. Type Evaluation.

B2: GMA-26.1
Comments:
No changes.

ITEM BLOCK 3 (B3) – METHOD OF SEALING, CATEGORY 3

B3: SCL-26.1 V Table S.1.11. Categories of Device and Methods of Sealing

B3: SCL-26.1
Comments:
The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either". The Committee also corrected the Nonretroactive and Table Added dates.

Table S.1.11.
Categories of Device and Methods of Sealing

Categories of Device	*Methods of Sealing*
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*
Category 2: *Remote configuration capability, but access is controlled by physical hardware. The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode.*	*The hardware enabling access for remote communication must be at the device and sealed using a physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ~~***A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.***~~ ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (Note: Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1995]
(Table Added 1993) **(Amended 20XX)**

B3: BCS-26.1 V Table S.2.6. Categories of Device and Methods of Sealing

B3: BCS-26.1

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.6.
Categories of Device and Methods of Sealing

Categories of Devices	*Methods of Sealing*
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*
Category 3: *Remote configuration capability.*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ~~***A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.***~~ ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1999]
(Table Added 1998) **(Amended 20XX)**

B3: AWS-26.1 V Table S.1.3. Categories of Device and Methods of Sealing

B3: AWS-26.1

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either". The Committee also added (Amended 20XX) to the item.

Table S.1.3.
Categories of Device and Methods of Sealing

Categories of Device	Methods of Sealing
Category 1: No Remote configuration capability.	Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.
Category 2: Remote configuration capability, but access is controlled by physical hardware. The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode.	The hardware enabling access for remote communication must be at the device and sealed using a physical seal or two event counters: one for calibration parameters and one for configuration parameters.
Category 3: Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).	An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter. ~~**A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.**~~ **The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.** The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)

(Amended 20XX)

B3: LMD-26.2 V Table S.2.2. Categories of Device and Methods of Sealing

B3: LMD-26.2

Comments:

The Committee struck the second sentence and added a comma (,) after the word inspection struck the word "either", and added the words "transmitted and "in" to combine two statements to harmonize language used in all other block items.

Table S.2.2.
Categories of Device and Methods of Sealing

Categories of Device	*Methods of Sealing*

Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*
Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*[The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.]** *[*Nonretroactive as of January 1, 1996]*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *[Nonretroactive as of January 1, 1995]* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.* *[Nonretroactive as of January 1, 2001]*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter. The event logger information shall be available at the time of inspection,* ***either*** *as a printed copy or* ***transmitted*** *in* ***an*** *electronic format.* ***The information may be printed by the device, printed by another on-site device, or transmitted electronically.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (****Note:*** *Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1995]
(Table Added 1993) (Amended 1995, 1998, 1999, 2006, 2015, ~~and~~ 2022**, and 20XX**)

B3: VTM-26.1 V Table S.2.2. Categories of Device and Methods of Sealing

B3: VTM-26.1
Comments:
The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.2.2. ***Categories of Device and Methods of Sealing***	
Categories of Device	***Methods of Sealing***
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an onsite device.*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ~~***A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.***~~ ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1995]
(Table Added 2006) (Amended 2016 **and 20XX**)

B3: LPG-26.1 V Table S.2.2. Categories of Device and Methods of Sealing

B3: LPG-26.1

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.2.2.
Categories of Device and Methods of Sealing

Categories of Device	*Methods of Sealing*
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ***~~A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.~~*** ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1995]
(Table Added 2006) (Amended 2016 **and 20XX**)

B3: CLM-26.1 V Table S.2.5. Categories of Device and Methods of Sealing

B3: CLM-26.1

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.2.5.
Categories of Device and Methods of Sealing

Categories of Device	*Methods of Sealing*
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ***~~A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.~~ The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1995]
(Table Added 2006) (Amended 2016 **and 20XX**)

B3: MLK-26.1 V Table S.2.3. Categories of Device and Methods of Sealing

B3: MLK-26.1

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.2.3.
Categories of Device and Methods of Sealing

Categories of Device	*Methods of Sealing*
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ~~***A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.***~~ ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1995]
(Table Added 2006) (Amended 2016 **and 20XX**)

B3: WTR-26.1 V Table S.2.1. Categories of Device and Methods of Sealing

B3: WTR-26.1
Comments:
The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.2.1.
Categories of Device and Methods of Sealing

Categories of Device	***Method of Sealing***
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ***~~A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.~~*** ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 2019]
(Table Added 2018) **(Amended 20XX)**

B3: MFM-26.1 V Table S.3.5. Categories of Device and Methods of Sealing

B3: MFM-26.1

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.3.5.
Categories of Device and Methods of Sealing

Categories of Device	*Methods of Sealing*
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*[The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.]** *[*Nonretroactive as of January 1, 1996]*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *[Nonretroactive as of January 1, 1995]* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.* *[Nonretroactive as of January 1, 2001]*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ***~~A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.~~*** ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[Nonretroactive as of January 1, 1995]
(Table Added 1995) (Amended 1995, 1998, 1999, 2006, ~~and~~ 2016**, and 20XX**)

B3: CDL-26.2 V Table S.2.5. Categories of Device and Methods of Sealing

B3: CDL-26.2
Comments:
The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.2.5.
Categories of Device and Methods of Sealing

Categories of Device	*Methods of Sealing*
Category 1: *No remote configuration capability.*	*Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.*

Category 2: *Remote configuration capability, but access is controlled by physical hardware.* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*The hardware enabling access for remote communication must be onsite. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.*
Category 3: *Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).* *The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.*	*An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter.* ***~~A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.~~*** ***The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.*** *The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)*

[*Nonretroactive as of January 1, 1995*]
(Table Added 2006) (Amended 2016 **and 20XX**)

B3: HGM-26.2 V Table S.3.3. Categories of Device and Methods of Sealing

B3: HGM-26.2

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either".

Table S.3.3.
Categories of Device and Methods of Sealing

Categories of Device	Method of Sealing
Category 1: No remote configuration capability.	Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.

Category 2: Remote configuration capability, but access is controlled by physical hardware. The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.	The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information through an on-site device.
Category 3: Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password). The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.	An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter. ~~**A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.**~~ **The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.** The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)

(Amended 2016 **and 20XX)**

B3: EVF-26.3 V Table S.3.3. Categories of Device and Methods of Sealing

B3: EVF-26.3

Comments:

The Committee added a comma (,) after the word inspection and struck the word "either" from this item to harmonize language between items in this block.

Table S.3.3.
Categories of Device and Methods of Sealing

Categories of Device	Method of Sealing
Category 1: No remote configuration capability.	Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.

Category 2: Remote configuration capability, but access is controlled by physical hardware. The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.	The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring EVSE or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual EVSEs at a location. If the counters are located in the system controller rather than at the individual EVSE, means must be provided to generate a copy of the information through an on-site device; this information may be provided electronically in lieu of or in addition to a hard copy at the time of inspection.
Category 3: Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password). The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode.	An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter. The event logger information **shall**~~**may**~~ be ~~**provided electronically in lieu of or in addition to a hard copy**~~ **available** at the time of inspection**, as a printed copy or transmitted in an electronic format**~~**provided the event logger information is retained in the system for future reference**~~. The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the ~~**EVSE**~~**device**, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)

(Amended 2021 **and 20XX)**

B3: EMS-26.2 V Table S.2.2. Categories of Device and Methods of Sealing

B3: EMS-26.2

Comments:

The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word “either”. The Committee also added (Amended 20XX) to the item.

Table S.2.2.
Categories of Device and Methods of Sealing

Categories of Device	Method of Sealing
Category 1: No remote configuration capability.	Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.

Category 2: Remote configuration capability, but access is controlled by physical hardware.	The device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode or shall not operate while in this mode. The hardware enabling access for remote communication must be on-site. The hardware must be sealed using a physical seal or an event counter for calibration parameters and an event counter for configuration parameters. The event counters may be located either at the individual measuring device or at the system controller; however, an adequate number of counters must be provided to monitor the calibration and configuration parameters of the individual devices at a location. If the counters are located in the system controller rather than at the individual device, means must be provided to generate a hard copy of the information.
Category 3: Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password). The device shall clearly indicate that it is in the remote configuration mode and record such message or shall not accumulate kWh while in this mode.	An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter. ~~**A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.**~~ **The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.** The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)

(Amended 20XX)

B3: MDM-26.2 V Table S.2.2. Categories of Device and Methods of Sealing

B3: MDM-26.2
Comments:
The Committee amended the language, to align with comments heard during open hearings, by adding a comma and removing the word "either". The Committee also added (Amended 20XX) to the item.

Table S.1.11.
Categories of Devices and Methods of Sealing for Multiple Dimension Measuring Systems

Categories of Devices	Methods of Sealing
Category 1: No remote configuration.	Seal by physical seal or two event counters: one for calibration parameters and one for configuration parameters.

Category 2: Remote configuration capability, but access is controlled by physical hardware. Device shall clearly indicate that it is in the remote configuration mode and record such message if capable of printing in this mode.	The hardware enabling access for remote communication must be at the device and sealed using a physical seal or two event counters: one for calibration parameters and one for configuration parameters.
Category 3: Remote configuration capability access may be unlimited or controlled through a software switch (e.g., password).	An event logger is required in the device; it must include an event counter (000 to 999), the parameter ID, the date and time of the change, and the new value of the parameter. ~~**A printed copy of the information must be available on demand through the device or through another on-site device. The information may also be available electronically.**~~ **The event logger information shall be available at the time of inspection, as a printed copy or transmitted in an electronic format.** The event logger shall have a capacity to retain records equal to 10 times the number of sealable parameters in the device, but not more than 1000 records are required. (**Note:** Does not require 1000 changes to be stored for each parameter.)

(Amended 20XX)

ITEM BLOCK 4 (B4) – ELECTRIC VEHICLE ~~FUELING SYSTEMS~~ SUPPLY EQUIPMENT

B4: OTH-26.3 VC Section 3 Table of Contents

B4: OTH-26.3
Comments:
No changes.

B4: OTH-26.4 VC Section 3 Table of Contents

B4: OTH-26.4
Comments:
The Committee made editorial changes provided by NIST to remove the strikethrough of "Supply Equipment" and replace it with an underline. **Section 3.** 3.30. Liquid-Measuring Devices ..... 3-3 3.31. Vehicle-Tank Meters ..... 3-29 3.32. Liquefied Petroleum Gas and Anhydrous Ammonia Liquid-Measuring Devices ..... 3-45 3.33. Hydrocarbon Gas Vapor-Measuring Devices ..... 3-63 3.34. Cryogenic Liquid-Measuring Devices ..... 3-75 3.35. Milk Meters ..... 3-87 3.36. Water Meters ..... 3-97 3.37. Mass Flow Meters ..... 3-107 3.38. Carbon Dioxide Liquid-Measuring Devices ..... 3-123 3.39. Hydrogen Gas-Measuring Devices ..... 3-139 3.40. Electric Vehicle ~~**Fueling Systems**~~**Supply Equipment** ..... 3-151 3.41. Non-Utility Electricity-Measuring Systems – Tentative Code 3-165

B4: EVF-26.4 VC Section 3.40. Electric Vehicle ~~Fueling Systems~~ Supply Equipment

B4: EVF-26.4
Comments:
No changes.

B4: EMS-26.3 VC A. Application

B4: EMS-26.3
Comments:
No Chnages.

B4: TIM-26.2 VC S.1.4. Recorded Representations

B4: TIM-26.2
Comments:
No changes.

Mark Lovisa, Louisiana | Committee Chair
Brett Willhite, Minnesota | Vice-Chair
Alison Wilkinson, Maryland | Member
Scott Dolan, Vermont | Member
Nathan Waldron, Nevada | Member
Éric Turcotte, Measurement Canada | Canadian Technical Advisor
Loren Minnich, NIST OWM | NIST Technical Advisor
Juana Williams, NIST, OWM | NIST Technical Advisor
Darrell Flocken, NCWM | NTEP Technical Advisor
Allen Katalinic, NCWM | NTEP Technical Advisor
Brian Terry, Arkansas | Committee Coordinator

Specifications and Tolerances Committee