National Type Evaluation Program (NTEP) Committee
2027 Interim Meeting Agenda

Mr. Kevin Schnepp, Committee Chair
California

INTRODUCTION

The NTEP Committee (hereinafter referred to as the "Committee") will address the following items in Table A during the Interim Meeting. Table A identifies the agenda items by reference key, title of item, page number and the appendices by appendix designations. The first four digits of an item's reference key are assigned from the Subject Series List. The acronyms for organizations and technical terms used throughout the agenda are identified in Table

B. In some cases, background information will be provided for an item. The fact that an item appears on the agenda does not mean it will be presented to the National Council on Weights and Measures (NCWM) for a vote. The Committee will review its agenda and may withdraw some items, present some items for information meant for additional study, issue interpretations, or make specific recommendations for change to the publications *NCWM Publication 14, Administrative Policy* and *NCWM Publication 14, Technical Policy, Checklists, Test Procedures*. Changes to *NCWM Publication 14, Administrative Policy* are by recommendation of the Committee and a majority vote of the Board of Directors. Changes to *NCWM Publication 14, Technical Policy, Checklists, Test Procedures* are by recommendation of the National Type Evaluation Committee (NTEP) sectors and a majority vote of the NTEP Committee. The Committee may also take up routine or miscellaneous items brought to its attention after the preparation of this document. The Committee may decide to accept items for discussion that are not listed in this document, providing they meet the criteria for exceptions as presented in *NCWM Policy 3.1.4. Handbooks, Procedures to Modify Handbooks*. The Committee has not determined whether the items presented will be Voting or Informational in nature; these determinations will result from their deliberations at the Interim Meeting.

An "Item Under Consideration" is a statement of proposal and not necessarily a recommendation of the Committee. Suggested revisions are shown in **bold face print** by ~~**striking out**~~ information to be deleted and **underlining** information to be added. Requirements that are proposed to be nonretroactive are printed in ***bold faced italics***. Additional letters, presentations and data may have been part of the committee's consideration. Please refer to www.ncwm.com/publication-15 to review these documents.

All sessions are open to registered attendees of the meeting. If the Committee must discuss any issue that involves proprietary information or other confidential material, that portion of the session dealing with the special issue may be closed if (1) NCWM Chairman or, in their absence, NCWM Chairman-Elect approves; (2) the Executive Director is notified; and (3) an announcement of the closed meeting is posted on or near the door to the meeting session and at the registration table. If possible, the posting will be done at least a day prior to the planned closed session.

Note: *It is policy to use metric units of measurement in publications; however, recommendations received by NCWM technical committees and regional weights and measures associations have been printed in this publication as submitted. Therefore, the report may contain references to inch-pound units.*

Subject Series List

International.....INT Series
Activity Reports..... ACT Series
Conformity Assessment Program.....CAP Series
NCWM Publication 14, Administrative Policy..... ADM Series
Other Items..... OTH Series

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Table B
Glossary of Acronyms and Terms

Acronym	Term	Acronym	Term
CC	Certificate of Conformance	NCWM	National Council on Weights and Measures
CIML	International Committee of Legal Metrology	NIST	National Institute of Standards and Technology
DoMC	Declaration of Mutual Confidence	NTEP	National Type Evaluation Program
IV	Initial Verification	OIML	International Organization of Legal Metrology
MAA	Mutual Acceptance Arrangement	OIML-CS	International Organization of Legal Metrology – Certificate System
MC	Measurement Canada	OWM	Office of Weights and Measures
MDMD	Multiple Dimension Measuring Devices	R	Recommendation
MRA	Mutual Recognition Arrangement	VCAP	Verification Conformity Assessment Program

Details of All Items
(In order by Reference Key)

INT – INTERNATIONAL

INT-1 I Mutual Recognition Arrangement (MRA)

The MRA between Measurement Canada (MC) and NTEP labs originated April 1, 1994. Since that time, the original MRA has expanded, and a second MRA covering measuring devices was developed. On July 20, 2021, NCWM Chair Hal Prince and Measurement Canada Acting President Nathalie Campeau signed a renewal MRA that provides for continued cooperation between the two organizations and continuation of the beneficial partnership. The new MRA will be effective for 5 years.

The scope of the current MRA includes:

- gasoline and diesel dispensers.
- high-speed dispensers.
- gasoline and diesel meters intended to be used in fuel dispensers and truck refuelers;
- electronic computing and non-computing bench, counter, floor, and platform scales with a capacity up to 13 1000 kg (2000 lb);
- weighing/load receiving elements with a capacity of up to 1000 kg (2000 lb);
- electronic weight indicating elements (except those that are software based, i.e., programmed by downloading parameters); and
- mechanical scales up to 10 000 kg (20 000 lb).

MC, NTEP, and all our mutual stakeholders agree that the MRA is a benefit for the North American weights and measures industry. The NTEP Committee appreciates the efforts and cooperation of Measurement Canada and is working with MC to continue the cooperative arrangement.

The current agreement was renewed on July 26th, 2026, and expires on July 26, 2031.

INT-2 I OIML-Certification System (CS)

Implementation of the (new) International Organization of Legal Metrology – Certification System (OIML-CS) officially began in January 2018, replacing the previous OIML MAA and basic certificate systems. NCWM signed the OIML MAA Declaration of Mutual Confidence (DoMC) for Recommendation (R) 60 "Load Cells" as a Utilizing Participant in 2006 and NCWM signed the OIML-CS Utilizer Declaration for R 60 in January 2018. A Utilizer is a participant in the system that does not issue any OIML Certificates of Conformance (CC) or OIML Test Reports but does utilize the reports issued by OIML-CS Issuing Authorities and Authorized Testing Laboratories.

Dr. Ehrlich serves on the Management Committee of the OIML-CS, and Mr. Gibson serves on the OIML-CS Review Committee. The US (NTEP) supports the OIML-CS process and has agreed to continue accepting OIML-CS R 60 test data for load cells with the provision that any use of manufacturer test data is clearly identified on the test report section of the certificate because NTEP cannot use manufacturer test data towards issuance of an NTEP certificate. The OIML-CS criteria align with the NTEP Committee's recommendations, and the instructions provided by the NCWM Board of Directors.

Dr. Ehrlich has requested, on multiple occasions, that NCWM review its policy regarding participation in the OIML-CS (and previously participation in the OIML-MAA) for R76 (Non-Automatic Weighing Instruments). The NCWM has continued to follow a policy that was established in 2006 to not participate in R76 until NCWM can do so as an Issuing Authority. In 2016, the Board revisited the 2006 discussions leading to that decision, including considerations for NTEP labs' workload, potential lost expertise, concerns with quality of evaluations at some foreign labs, etc. Since there were no new developments to affect its decision, the NCWM Board of Directors agreed to maintain existing policy. Dr. Ehrlich suggested that if there was no possibility in sight that the NCWM could become an Issuing Authority, then it should consider becoming a Utilizer for OIML R76 under the OIML-CS. Some U.S. manufacturers support current NCWM policy on this, but others would prefer a change.

The instruments under what is called "Scheme A", where accreditation or peer review is required of the Issuing Authority and its Test Labs. In addition to R60 and R76, some of the instruments and systems in the OIML-CS that are probably of the most interest to NCWM members include: OIML R21 (Taximeters), R46 (Active Electrical Energy Meters), R49 (Water meters), R51 (Automatic catch-weighers), R59 (Moisture meters for cereal grains and oilseeds), R61 (Automatic gravimetric filling instruments), R85 (Level gauges for stationary storage tanks), R106 (Automatic rail-weighbridges), R117 (fuel dispensers and other liquid flow systems), OIML R129 (Multi-dimensional measuring instruments), and R137 (Gas meters).

With Dr. Ehrlich retirement Katya Delak has replaced him as the Program Leader for International Legal Metrology at NIST OWM with Isabel Chavez Baucom taking the role of the OIML Management Committee contact.

Information regarding the OIML-CS can be found at www.oiml.org. Katya Delak and Isabel Chavez Baucom represent the U.S. interests in this work and regularly provides updates to the NCWM Board of Directors on these activities.

ACT – ACTIVITY REPORTS

ACT-1 I NTEP Participating Laboratories and Evaluations Reports

The NTEP laboratories/evaluators meeting was held in March of 2026 at the NTEP Laboratory in Columbus, Ohio.

NTEP continues to routinely survey customers pertaining to NTEP administration and laboratories customer service. The survey is released to active Certificate of Conformance (CC) holders. The NCWM Board of Directors routinely reviews the results of the survey to form a continuous improvement plan for NTEP. With any survey, the challenge is to develop a document that is concise enough that customers will respond, while also providing a meaningful set of data. To date, the NCWM Board of Directors is finding general approval of NTEP services.

The Committee reviewed NTEP statistics through September 2026. The review of statistics shows that incoming

applications have increased over previous years, creating a manageable but increased evaluation backlog. While the backlog is larger than in previous years, the application processing, evaluation times, and certificate issuing is consistent with previous years. See Appendix A for NTEP statistics.

ACT-2 I NTEP Sector Reports

All NTEP Sector Reports are available to members at the time *NCWM Publication 15* is published. The NTEP Committee is committed to ensuring electronic versions of sector reports are available with *NCWM Publication* 15. Please note the sector summary reports will only be available in the electronic version of *NCWM Publication 15* and at www.ncwm.com/interim-archive; they will not be available in printed versions of *NCWM Publication 15*.

NTEP Weighing Sector:
The NTEP Weighing Sector met on August 18th and 19th 2026, see the Sectors web page for a copy of the meeting summary. The next meeting is scheduled for August 17th and 18th. Refer to the Sectors web page for additional details. For questions on the status of sector work or to propose items for a future meeting, please contact either the Chair and/or the NTEP Administrator.

Sector Chair	**NTEP Administrator**
Ms. Jessica Ferree	Mr. Jeff Gibson
Metter-Toledo, LLC	Ph: 740-507-6343
jessica.ferree@mt.com	jeff.gibson@ncwm.com

NTEP Grain Moisture Meter and NIR Protein Analyzer Sectors:
The Grain Moisture Sector met on August 11th, 2026, see the Sectors web page for a copy of the meeting summary. The 2027 meeting is scheduled for Tuesday, August 10, 2027, at the FGIS facility in Kansas City Missouri. For questions on the status of sector work or to propose items for a future meeting, please contact the sector Chair and/or the NTEP Administrator.

Sector Chair	**NTEP Administrator**
Mr. Jimmy Williams	Mr. Jeff Gibson
Missouri	Ph: 740-507-6343
jimmy.williams@mda.mo.gov	jeff.gibson@ncwm.com

NTEP Measuring Sector:
The Measuring Sector met on September 15th and 16th 202, see the Sectors web page for a copy of the meeting summary . The 2027 Measuring Sector Meeting is scheduled for September 14th and 15th, 2026. Refer to the Sectors web page for additional details. For questions on the status of sector work or to propose items for a future meeting, please contact the sector Chair and/or the NTEP Administrator.

Sector Chair	**NTEP Administrator**
Mr. Brent Price	Mr. Jeff Gibson
Gilbarco Inc	Ph: 740-507-6343
brent.price@gilbarco.com	jeff.gibson@ncwm.com

NTEP Software Sector:
A joint meeting of the Software and the Measuring Sector was held on September 16th and 17th, 2026 refer to the Sectors web page for a copy of the meeting summary. The next meeting for the Software Sector is scheduled in conjunction with the Measuring Sector on September 16-17, 2026. Refer to the Sectors web page for additional details. For questions on the status of sector work or proposed items for a future meeting, please contact the sector Chair and/or the NTEP Administrator:

Sector Chair	NTEP Administrator
Mr. James Pettinato Guidant Measurement jim.pettinato@guidantmeasurement.com	Mr. Jeff Gibson Ph: 740-507-6343 jeff.gibson@ncwm.com

NTEP Multiple Dimension Measuring Devices (MDMD) Work Group:
The NTEP MDMD Work Group meeting was held on May 6th, 2026, refer to the Sectors web page for a copy of the meeting summary. The 2027 meeting is scheduled for May 12th. Refer to the Sectors web page for additional details. For questions on the status of work group or to propose items for a future meeting, please contact the sector Chair and/or the NTEP Administrator.

Workgroup Chair	NTEP Administrator
Mr. Chris Senneff Avery Weigh-Tronix csenneff@awtx-itw.com	Mr. Jeff Gibson Ph: 740-507-6343 jeff.gibson@ncwm.com

NTEP Electric Vehicle Supply Equipment (EVSE) Work Group:
The NTEP EVSE Work Group has not met in several years. At the conclusion of the 2027 NCWM Annual Meeting it is anticipated that the Work Group will need to schedule a meeting to update the NTEP Publication 14 EVSE Checklist to include any items adopted during the Annual Meetings. As the Work Group Meeting is not yet scheduled, please contact the Work Groups Chair and/or the NTEP Administrator for additional information:

Workgroup Chair	NTEP Administrator
Mr. Andrei Moldoveanu NEMA And_Moldoveanu@nema.org	Mr. Jeff Gibson Ph: 740-507-6343 jeff.gibson@ncwm.com

CAP – CONFORMITY ASSESSMENT PROGRAM

CAP-1 I Conformity Assessment Program

The Conformity Assessment Program was established to ensure devices produced after the device has been type evaluated and certified by NTEP continue to meet the same requirements. This program has three major elements: 1) Certificate Review (administrative); 2) Initial Verification (inspection and performance testing); and 3) Verified Conformity Assessment (influence factors). This item is included on the Committee's agenda to provide an update on these elements.

Certificate Review:
Certificates are constantly under review by NTEP staff and laboratories. Many active certificates are amended annually because of manufacturer submission for evaluation or issues reported by the states pertaining to information on the certificate. When the devices are re-evaluated and certificates are amended, all information is reviewed, and necessary steps are taken to ensure compliance and that accurate, thorough information is reported on the certificate to keep certificate information up to date, the Committee continues to offer an opportunity for active certificate holders to update contact information that is contained in the "Submitted By" box on certificates. This is offered during the payment period of their annual maintenance fee. Many CC holders have taken advantage of the opportunity for hundreds of NTEP certificates.

Initial Verification (IV):
The IV initiative is ongoing. Field enforcement officials perform an initial inspection and test on new installations on a routine basis. The Committee recognized that the states do not want IV reporting to be cumbersome.

An IV report form was developed multiple years ago. The Committee desired a simple form, perhaps web-based for use by state and local regulators. The form was approved by the Committee and distributed to the states. A completed

form can be submitted via mail, e-mail, fax, or online. The forms are available on the Conformity Assessment Program web page at www.ncwm.com/conformity-assessment, or on the Forms web page at www.ncwm.com/helpful-forms, or by contacting the NCWM at info@ncwm.com or the NTEP Administrator at jeff.gibson@ncwm.com.

NTEP has acknowledged that the state, county, and city regulators have not bought into the IV report form. Industry representatives stated that IV is very important to ensure conformity assessment and the NCWM should push harder for reporting of non-compliance issues found during IV.

NTEP is open to suggestions on how to improve the reporting of non-compliant devices found during initial verification.

VCAP:
NCWM has been concerned about production meeting type and protecting the integrity of the NTEP Certificate of Conformance (CC) since the inception of NTEP. The NCWM Board of Directors has consistently reconfirmed its belief that conformity assessment is vital to NTEP's continued success.

Nine weighing device categories subject to influence factors, as defined in *Handbook 44*, were identified and are subject to VCAP audits. Certificate holders for these device types are required to have an on-site audit of the manufacturer's quality system and random on-site and/or review of a production device by an outside auditor to verify compliance with VCAP. The NTEP Committee and NCWM Board agreed not to include weighing/load receiving elements using NTEP load cells in the list of device categories subject to VCAP. However, the Board notified certificate holders that they have no intention of amending the table of devices subject to influence factor testing found in the Weighing Devices Section of *NCWM Publication 14*.

The Committee has received letters, questions, and many other inquiries pertaining to VCAP. The Committee has worked diligently to answer the questions submitted in a very timely manner. The Committee knows that additional questions will be posed as VCAP progresses. Certificate holders and other interested parties are encouraged to submit written questions to the NTEP Committee. The Committee is pleased to report that it has been successful in answering all the questions to date. Clerical changes and additions have been made to affected VCAP documents as deemed necessary.

Load cells traceable to NTEP certificates were selected for the initial assessment effort. NCWM elected to require a systems audit checklist that is to be completed by an outside auditor and submitted to NCWM per Section 21.3.3.3.5 of the VCAP requirements. A VCAP Systems Audit Checklist for Manufacturers and a VCAP Systems Audit Checklist for Private Label Certificate Holders have been developed and are available on the website at www.ncwm.com/vcap. Additionally, the Committee developed a new *NCWM Publication 14,* Administrative policy to distinguish between the requirements for parent NTEP certificate holders (21.3.2) and private label certificate holders. The requirements in 21.3.3.7 track the private label checklist requirements: traceability of the private label NTEP CC to its parent NTEP CC, traceability of the parent NTEP CC to a VCAP audit, purchase and sales records, plan to report non-conforming product and non-conforming product in stock, plan to conduct internal audits to verify non-compliance action, and internal audit records.

VCAP Audits:
The Committee had discussions about the required number of audits for facilities that manufacture multiple device types. For example, if a company had successful audits for two device types, they might submit a request for a delay from audit requirements for remaining device types, stating that they are all subjected to the same processes and will be audited in the next cycle. The Committee agreed to the request in principal and directed the NTEP Administrator propose a change to the VCAP Policy language. This change was adopted by the NCWM Board in 2013.

ADM – NCWM PUBLICATION 14, ADMINISTRATIVE POLICY

ADM-25.1 I Addition of Water Meters to the Verified Conformity Assessment Program

Source:
NTEP Administrator

Purpose:
Modify the current Verified Conformity Assessment Program Policy to include water meters in the list of covered devices.

Original Justification:
California has reported a high failure rate related to the performance of NTEP-certified water meters. The Verified Conformity Assessment Program is designed to require additional in-house testing and document verification to show proper control of design changes and component purchasing guidelines. By adding these devices to the Verified Conformity Assessment Program, NTEP would perform audits to ensure continued compliance. This will result in fewer failures during the initial verification inspection.

Item Under Consideration:
Amend Pub 14 Administrative Policy as follows.

21.1.3. NTEP Verified Conformity Assessment Program Procedures

Many NTEP-certified devices must meet *NIST Handbook 44* requirements for influence factors. It is not possible to verify these requirements during the Initial Verification in the field. Therefore, manufacturers of metrological devices (instruments) and/or components (modules) which are ~~**subject to influence factors, as defined in *NIST Handbook 44***~~**identified in paragraphs 21.1.3.1., and 21.1.3.7**, must have a Verified Conformity Assessment Program (VCAP) in place to ensure that these metrological devices and/or components are produced to perform at a level consistent with that of the device and/or component previously certified. The Verified Conformity Assessment Program audit will be at one or more sites as required to verify compliance.

For weighing devices that are subject to influence factors **and other devices identified in paragraphs 21.1.3.1., and 21.1.3.7**, NTEP will require an initial on-site audit of the manufacturer's quality system and on-site random testing and/or review of a production device(s) (instrument(s)) by the Registrar to verify that all items listed below are currently implemented and functioning to verify compliance to the appropriate sections of *NIST Handbook 44*.

…

21.1.3.1. Devices that Must Meet this Requirement are Limited to the List Below:

- Load Cell (T.N.8.)
- Indicating Elements (T.N.8.)
- Weighing/Load Receiving Elements 2000 lb capacity and less with non-NTEP Load Cells (T.N.8.)
- Complete Scales 2000 lb capacity and less (T.N.8.)
- Automatic Weighing Systems 2000 lb capacity and less (T.7.)
- Belt-Conveyor Scales (weigh-belt systems only) 2000 lb capacity and less (T.3)
- Automatic Bulk Weighing Systems 2000 lb capacity and less (T.7.)
- Multiple Dimension Measuring Devices (T.5.1.)
- Grain Test Scales (T.N.8)
- **Water Meters**

21.1.3.7. Devices that Must Meet this Requirement <u>are Limited</u> to the List Below:

- Load Cell (T.N.8.)
- Indicating Elements (T.N.8.)
- Weighing/Load Receiving Elements 2000 lb capacity and less with non-NTEP Load Cells (T.N.8.)
- Complete Scales 2000 lb capacity and less (T.N.8.)
- Automatic Weighing Systems 2000 lb capacity and less (T.7.)
- Belt-Conveyor Scales (weigh-belt systems only) 2000 lb capacity and less (T.3)
- Automatic Bulk Weighing Systems 2000 lb capacity and less (T.7.)
- Multiple Dimension Measuring Devices (T.5.1.)
- Grain Test Scales (T.N.8)
- **<u>Water Meters</u>**

Previous Status:

2025: Informational
2026: Informational

Comments in Favor:

Regulatory:

- 2026 Interim: Orange County, CA is collecting data, but some of the data is in different formats. They request refined data collection county by county. They want to see if there is an issue with new compared to old devices.
- 2026 Interim: San Diego County agreed, stating that it is hard to merge data from multiple jurisdictions. They stated that it is not an industry-wide problem. Utility companies don't all have the same processes. Submeters are only checked by weights and measures.
- 2026 Interim: The State of California agrees with the counties, and has concerns, not just for accuracy, but also specifications.
- 2026 Annual Meeting: The State of Maryland supported the item, stating that the purpose is to promote uniformity among manufacturers.
- California supported Maryland's comments, and emphasized that is is not only accuracy, but deviation if design of devices from what was evaluated by NTEP, including additional category of sealing. The state is not opposed to forming a task group to look into the issues.

Industry:

-

Advisory:

-

Comments Against:

Regulatory:

-

Industry:

- 2026 Interim: A representative of Guidant requested that the item be withdrawn, and questioned field testing is sufficient.
- 2026 Interim: A representative of AWWA requested that the item be withdrawn, stating that there is no data available to investigate the details. He provided written details.
- 2026 Interim: A representative of Endress + Hauser voiced surprise that this was under consideration. It is unsure whether VCAP will solve the problem. A group is needed to investigate and provide data. There are "sinners and saints" do brand identification is important.
- The Meter Manufacturers Association opposed the item.
- Badger Meter asked that the item be withdrawn and questions what is driving meters into VCAP.

- Murry Equipment stated that VCAP will not solve the problem and would like to see what the root cause is. We should follow data and review it with manufacturers before adding the meters to VCAP. It would be an increased load for manufacturers and NTEP.

Advisory:
•

Neutral Comments:
Regulatory:
•

Industry:
•

Advisory:
•

Item Development:
The item remains Informational status.

ADM-27.1 21.1. Main Elements, part 3.1.. Devices that Must Meet this Requirement are Listed Below.

Source:
National Council on Weights and Measures

Purpose:
Remove the exemption for Weighing/Load Receiving Elements 2000 lb or less using NTEP Certified Load Cells.

Item under Consideration:
Amend NCWM Publication 14 Administrative Policy as follows:

3. NTEP Verified Conformity Assessment Program Procedures

Many NTEP certified devices must meet *NIST Handbook 44* requirements for influence factors. It is not possible to verify these requirements during the Initial Verification in the field. Therefore, manufacturers of metrological devices (instruments) and/or components (modules) which are subject to influence factors, as defined in *NIST Handbook 44*, must have a Verified Conformity Assessment Program (VCAP) in place to ensure that these metrological devices and/or components are produced to perform at a level consistent with that of the device and/or component previously certified. The Verified Conformity Assessment Program audit will be at one or more sites as required to verify compliance.

For weighing devices that are subject to influence factors, NTEP will require an initial on-site audit of the manufacturer's quality system and on-site random testing and/or review of a production device(s) (instrument(s)) by the Registrar to verify that all items listed below are currently implemented and functioning to verify compliance to the appropriate sections of *NIST Handbook 44*.

It is important for NTEP to know the types of devices included in the VCAP audit and it is for this reason that the certificate holder shall prepare a controlled quality management system (QMS) document listing the range of parameters that cover the devices included in the audit. The certificate holder shall include in this document all certificates and device parameters (For example: different models, capacities, e-min, n-max, sizes etc.) for the applicable device category. For example, in a load cell audit, a range of capacities of the load cells included in the audit shall be listed in the report. This document shall be available for the VCAP auditor and NTEP upon request and may be included as an annex to the audit report if desired.

3.1. Devices that Must Meet this Requirement are Limited to the List Below:

- Load Cell (T.N.8.)
- Indicating Elements (T.N.8.)
- Weighing/Load Receiving Elements 2000 lb capacity and less ~~**with non-NTEP Load Cells (T.N.8.)**~~
- Complete Scales 2000 lb capacity and less (T.N.8.)
- Automatic Weighing Systems 2000 lb capacity and less (T.7.)
- Belt-Conveyor Scales (weigh-belt systems only) 2000 lb capacity and less (T.3)
- Automatic Bulk Weighing Systems 2000 lb capacity and less (T.7.)
- Multiple Dimension Measuring Devices (T.5.)
- Grain Test Scales (T.N.8.)

Previous Status:

2027: New Proposal

Original Justification:

NCWM Publication 14 NTEP Administrative Policy requires influence testing for Weighing/Load Receiving elements less than 2000 lb. The use of NTEP certified load cells exempts the device from VCAP requirements. Using NTEP certified load cells should not exempt the device manufacturer from having the quality management system audited. This is the only remaining device type that has influence testing during evaluation that is then exempted from VCAP.

Manufacturers may oppose this proposal because it may add increased time and expense for this device type.

The submitter requests that this be an Informational Item in 2027.

Comments in Favor:

Regulatory:

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Industry:

•

Advisory:

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Comments Against:

Regulatory:

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Industry:

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Advisory:

•

Neutral Comments:

Regulatory:

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Industry:
•

Advisory:
•

Item Development:
New Proposal in 2027

Regional Associations' Comments:
New Proposal in 2027

Additional letters, presentations and data may have been submitted for consideration with this item. Please refer to https://www.ncwm.com/publication-15 to review these documents.

ADM-27.2 21.1. Main Elements, part 3.1.. Devices that Must Meet this Requirement are Listed Below.

Source:
National Council on Weights and Measures

Purpose:
Add Digital Controller Elements to the list of items subject to VCAP due to influence testing.

Item under Consideration:
Amend NCWM Publication 14 Administrative Policy as follows:

4. NTEP Verified Conformity Assessment Program Procedures

Many NTEP certified devices must meet *NIST Handbook 44* requirements for influence factors. It is not possible to verify these requirements during the Initial Verification in the field. Therefore, manufacturers of metrological devices (instruments) and/or components (modules) which are subject to influence factors, as defined in *NIST Handbook 44*, must have a Verified Conformity Assessment Program (VCAP) in place to ensure that these metrological devices and/or components are produced to perform at a level consistent with that of the device and/or component previously certified. The Verified Conformity Assessment Program audit will be at one or more sites as required to verify compliance.

For weighing devices that are subject to influence factors, NTEP will require an initial on-site audit of the manufacturer's quality system and on-site random testing and/or review of a production device(s) (instrument(s)) by the Registrar to verify that all items listed below are currently implemented and functioning to verify compliance to the appropriate sections of *NIST Handbook 44*.

It is important for NTEP to know the types of devices included in the VCAP audit and it is for this reason that the certificate holder shall prepare a controlled quality management system (QMS) document listing the range of parameters that cover the devices included in the audit. The certificate holder shall include in this document all certificates and device parameters (For example: different models, capacities, e-min, n-max, sizes etc.) for the applicable device category. For example, in a load cell audit, a range of capacities of the load cells included in the audit shall be listed in the report. This document shall be available for the VCAP auditor and NTEP upon request and may be included as an annex to the audit report if desired.

4.1. Devices that Must Meet this Requirement are Limited to the List Below:

- Load Cell (T.N.8.)
- Indicating Elements (T.N.8.)

- Weighing/Load Receiving Elements 2000 lb capacity and less with non-NTEP Load Cells (T.N.8.)
- Complete Scales 2000 lb capacity and less (T.N.8.)
- Automatic Weighing Systems 2000 lb capacity and less (T.7.)
- Belt-Conveyor Scales (weigh-belt systems only) 2000 lb capacity and less (T.3)
- Automatic Bulk Weighing Systems 2000 lb capacity and less (T.7.)
- Multiple Dimension Measuring Devices (T.5.)
- Grain Test Scales (T.N.8.)
- **Digital Controller Elements (T.N.8.1.)**

Previous Status:

2027: New Proposal

Original Justification:

NTEP Publication 14 requires influence testing for Digital Controller Elements due to the Analog to digital converter in the device and should be part of VCAP.

Manufacturers may oppose this proposal because it may add increased time and expense for this device type.

The submitter requests that this be an Informational Item in 2027.

Comments in Favor:

Regulatory:

-

Industry:

-

Advisory:

-

Comments Against:

Regulatory:

-

Industry:

-

Advisory:

-

Neutral Comments:

Regulatory:

-

Industry:

-

Advisory:

-

Item Development:
New Proposal in 2027

Regional Associations' Comments:
New Proposal in 2027

Additional letters, presentations and data may have been submitted for consideration with this item. Please refer to https://www.ncwm.com/publication-15 to review these documents.

ADM-27.3 21.1. Main Elements, part 3.2. Requirements, The CC Holder's Control Facility Requirements., 3.4. ~~Certification Body's Responsibilities and~~ NCWM Technical Employee Responsibilities:, and 3.9. ~~Certification Body's Responsibilities and~~ NCWM Technical Employee Responsibilities:

Source:
National Council on Weights and Measures

Purpose:
Remove the ability of an external accreditation body to perform VCAP audits.

Item under Consideration:
Amend NCWM Publication 14 NTEP Administrative Policy as follows:

3.2. Requirements, The NTEP CC Holder's Control Facility Responsibilities:

…

3.2.16.1. Audits shall be scheduled as a stand-alone audit; not part of ISO, FM, UL, etc. ~~**The audit may be in conjunction with but not part of these audits.**~~

…

3.4. ~~Certification Body's Responsibilities and~~ NCWM Technical Employee Responsibilities:

~~**3.4.1. The selected Certification Body is to be accredited by ANSI-ASQ National Accreditation Board (ANAB) or by a Signatory of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition. The ANSI, ANAB and ILAC are accreditation bodies for management systems. ANAB and ILAC accredit certification bodies (CBs) for ISO 9001 quality management systems (QMS), ISO 17025 laboratory testing facilities and ISO 14001 environmental management systems (EMS).**~~

~~**The auditor representing the Certification Body shall have successfully completed the NCWM, Verified Conformity Assessment Program Training. (Effective January 1, 2026.)**~~

~~**3.4.2. Training by NCWM may be conducted in person, or via electronic format, at the trainer's discretion. A Train-the-Trainer method may be used by Certification Bodies that have an internal training program, however; all training performed through an internal training program must be conducted in person.**~~

~~**3.4.3. The selected Certification Body shall have international auditors available.**~~

3.4.4~~.~~**1.** The ~~**Certification Body or**~~ NCWM technical employee is required to notify NCWM when a major breakdown of the NTEP CC holder's VCAP program is found.

3.4.5~~.~~**2.** The ~~**Certification Body or**~~ NCWM technical employee shall submit a completed "Systems Audit

Checklist" to NCWM. Submitted documents must contain a clear statement of compliance because of the VCAP audit.

…

3.9. ~~Certification Body's Responsibilities and~~ NCWM Technical Employee Responsibilities:

~~**3.9.1. The selected Certification Body (auditor) shall be accredited to the ISO 9001:2018 standard for providing audits and certifications of management systems.**~~

3.9.~~**2.** .**1.**~~ The~~ **~~Certification Body or~~** NCWM Technical Employee is required to notify NCWM when a major breakdown of the NTEP private label CC holder's VCAP program is found.

3.9.~~**3.**~~**2.** The~~ **~~Certification Body or~~** NCWM Technical Employee shall submit a completed "VCAP Systems Audit Checklist for Private Label Certificate Holders" to NCWM. Submitted documentation must contain a clear statement of compliance as a result of the VCAP audit.

Previous Status:

2027: New Proposal

Original Justification:

The VCAP auditors of the NTEP program are uniquely suited for auditing as they have experience with the NTEP evaluation process and device types. In some cases, this could increase increased time and expense for audits. The submitter requests that this be an Informational Item in 2027.

Comments in Favor:

Regulatory:

-

Industry:

-

Advisory:

-

Comments Against:

Regulatory:

-

Industry:

-

Advisory:

-

Neutral Comments:

Regulatory:

-

Industry:

-

Advisory:

-

Item Development:
New Proposal in 2027

Regional Associations' Comments:
New Proposal in 2027

Additional letters, presentations and data may have been submitted for consideration with this item. Please refer to https://www.ncwm.com/publication-15 to review these documents.

OTH – OTHER, A PLACE TO CAPTURE NON-TECHNICAL COMMENTS OR SUGGESTIONS INTENDED TO IMPROVE THE NATIONAL TYPE EVALUATION PROGRAM.

1 Mr. Kevin Schnepp, California | NTEP Committee Chair
Mr. Jason Flint, New Jersey | NCWM Chair
Mr. Paul Floyd, Louisiana | NCWM Chair Elect
Mr. Daniel Walker, Ohio | Member
Mr. Jeff Gibson, NCWM | NTEP Administrator

National Type Evaluation Program Committee

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