

**Responses to the 2014 SMA W&M Directors Questions**  
(Non-Attributable Version)

**1. How does the inclusion of “peripherals” such as printers, PDA’s or Data Terminals affect the initial verification/inspection of weighing device/systems?**

**Northeast Weights and Measures Association**

Peripherals are not a problem; we have no requirements - as long as it’s working properly. We require a scoreboard on truck scales.

It’s only going to have an impact if it has an impact to the scale.

We make certain that all peripheral equipment and devices are working. The customer must be able to see the display. Truck scales – they must get a receipt.

We make certain that all peripheral equipment and devices are working.

The customer must be able to see display, on truck scales they must get a receipt - we do not require a score board on truck scales. We make sure everything is working properly.

The customer must be able to see display; on truck scales they must get a receipt. We require a score board on truck scale installations.

**Central Weights and Measures Association**

As long as it meets Handbook 44, it depends on the application of the scale and case by case how the customer is impacted.

Nothing in State Code - All peripherals have to work.

We don’t have any specific requirements for peripherals.

Peripherals not required in state code, if it’s there it needs to work properly, match against COC

Not required in state code

Not required in state code

As long as it meets Handbook 44, need to ensure the indications match

Not required in state code, if it’s there it needs to work properly, match against COC. If it’s more than 100 feet from the customer a scoreboard is required on truck scales.

It’s not required in state code, if it’s there it needs to work properly, match against COC

**Western Weights and Measures Association**

On initial verification, we require that all devices in the system be present. We want to see the whole system and track the weight data through the system to its final use.

The Division of Measurement Standards (DMS) recommends that initial verification inspections conducted by local (county) officials include the verification of printers and other accessories such as PDA’s, data terminals, software, card readers and other accessories that can affect the accuracy of the system and required information provided to the customer as part of the weighing systems. Type evaluations are conducted up to the “first final indication” of the measurements (and price to pay representations) used as the basis of transactions. DMS recommends that initial inspections include verification of type evaluation and verification that any other associated equipment performs according to applicable requirements in the Code of Regulations. It should be noted that DMS adopts the most current edition of NIST Handbook 44 by reference and regulations for devices not included in Handbook 44. DMS also recommends that subsequent inspections include verifying any changes to measurement performance and additional, altered and missing equipment.

We make certain that all peripheral equipment and devices are working. We also follow up on any changes made to the system.

We require a thorough evaluation including all of the peripherals used in the system.

Our state evaluates the whole system including any peripherals within the system to ensure that it is working properly and that weight data integrity is maintained. We place our emphasis on the integrity of the weight data.

We verify that every peripheral device is appropriate and working and ensure that there is no means of changing or manipulation of the weight data.

We check the operation of any peripheral devices both on the initial and subsequent evaluations.

Our staff evaluates the system including all peripherals to ensure that it working properly.

We evaluate the whole system and that includes any peripherals used in it.

#### **Southern Weights and Measures Association**

We just look at things within the scope of Handbook 44.

We require a scoreboard display for all truck scales. Other than that, we just look at Handbook 44.

We do not require a scoreboard for truck scales. As long as the equipment meets the requirements of Handbook 44, we're OK.

All peripherals have to work.

We check the software to make certain that it works properly and doesn't affect the device integrity. We also make certain that all components of the system are NTEP certified.

We check the card readers on fuel dispensers for proper operation. We make certain that the scale is visible to both buyer and seller. We also require a scoreboard display on all new truck scale installations.

We don't require a scoreboard display on truck scale installations. We simply follow Handbook 44.

If a component is part of the system, it must be NTEP certified. A second display for the driver is required on truck scale installations. Dual displays must be NTEP certified.

#### **2. Is there additional information missing that should be added to an NTEP Certificate of Conformance that would assist your State or Jurisdiction when conducting an initial verification/inspection of the weighing device/system?**

#### **Northeast Weights and Measures Association**

Pictures or diagram of where a seal should placed.

What is the next step when you find something that does not meet specifications on the COC?

The category of sealing required - so the inspector knows what to look for during the inspection.

More photos would be especially helpful and Class 3 audit trail information on the COC.

Clear audit trail instructions on the COC.

Photograph or diagram on where the seal should be located.

COC's need clear instructions on how to access an audit trail.

#### **Central Weights and Measures Association**

COC's can be very confusing, make sure the COC is the same each time. Pictures are helpful.

More detailed certificates and pictures.

Keeping all COC's the same, how to get to the audit trails. If all relevant information can't be included on the COC - add a link. Better sealing methods; add a picture of the seal, software that is NTEP approved.

We're OK with current COC's.

Keep all of the COC's the same.

Photos and screen shots for audit trails. All software's versions should be updated on the COC.

We agree with the suggestions already given.

We would like to see more photos and better identification of different versions of the device.



### **Central Weights and Measures Association**

We follow the COC; if the switch is there it needs to be sealed.

Whatever is listed on the NTEP Certificate of Conformance. We ensure that the device is sealed properly; many times our inspectors find that the seals are too loose.

We require the placed in service tech ID on the seal, however if audit trail the tech ID needs to be on the paperwork. Follow the COC

We require the placed in service reports with the Tech ID on the seal, however if an audit trail is used the Tech ID needs to be on the paperwork.

Whatever is listed on the NTEP Certificate of Conformance.

We require the placed in service Tech ID on the seal, however if audit trail the Tech ID needs to be on the paperwork.

We require the placed in service reports with the Tech ID on the seal, however if an audit trail is used the Tech ID needs to be on the paperwork.

### **Western Weights and Measures Association**

Not as far as regulations go. We may have to have seals added to peripherals in some instances.

DMS does not have any special requirements for security seals other than the requirements in Handbook 44.

Nothing outside of what is listed in NIST Handbook 44.

Nothing outside of what is listed in NIST Handbook 44.

Nothing outside of what is listed in NIST Handbook 44. We typically ask for a wire type seal in addition to the audit trail if the provisions for the seal are present.

Nothing outside of what is listed in NIST Handbook 44.

The seal must be placed correctly to provide the needed security. We like a lead-wire seal if provisions are provided although we adhere to what is listed on the NTEP Certificate of Conformance and to NIST Handbook 44.

Nothing outside of what is listed in NIST Handbook 44.

Nothing outside of what is listed in NIST Handbook 44.

### **Southern Weights and Measures Association**

We simply require that you cannot operate a device unless it has been sealed.

If the device has been designed to accept a physical seal, then the physical seal must be present regardless of whether other sealing methods are available.

Whatever the manufacturer says is what we require.

Nothing outside of what is listed in NIST Handbook 44.

Nothing outside of what is listed in NIST Handbook 44.

Nothing outside of what is listed in NIST Handbook 44.

We require that the technician use a lead wire seal marked with their unique identification.

Nothing outside of what is listed in NIST Handbook 44.

Whatever is required by NIST Handbook 44.

Whatever is listed on the NTEP Certificate of Conformance.