



# SCALE MANUFACTURERS ASSOCIATION

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## SMA Positions on the NCWM Specifications and Tolerances Committee Report 93rd NCWM Annual Meeting, July, 2008

### 310 GENERAL CODE

#### 310-1 V G-S.8. Provision for Sealing Electronic Adjustable Components, G-S.8.1. Access to Calibration and Configuration Adjustments, and G-S.8.2. Automatic or Semi-automatic Calibration Mechanism.

The SMA does recognize the need for clarification of G-S.8. We believe that part (a) changes the original intent of the physical security seal and the wording of part (b) could be accomplished by rewording G-S.8.1.

SMA recommends the following wording to replace the current recommendation:

Reword G-S.8.1 **Access To Calibration and Configuration Adjustments. - A device shall be so designed that access to calibration and configuration mode shall be protected by an approved category 1,2, or 3 method of sealing, and shall clearly indicate to the operator when in this mode.**

***[\*Nonretroactive as of January 1, 20XX.]***

#### 310-2 D Appendix D – Definition of Electronic Devices, Software-Based

The SMA supports moving this item to developmental.

#### 310-3 V G-A.1. and Appendix D – Definition of Equipment

No Position

#### 310-4 V G-N.3. Verification of Testing Standards

The SMA supports this item.

### 320 SCALES

#### 320-1 V S.1.1.1.(b) Digital Indicating Elements

The SMA supports this item.

#### 320-2 V S.1.2.1. Weight Units, S.2.3. Tare, and T.N.2.1. General

The SMA supports this item but recommends adding “or segment” to the sentence in S.2.3 Tare

**S.2.3. Tare. – On any scale (except a monorail scale equipped with digital indications *and multi-interval scales or multiple range scales when the value of tare is determined in a lower range or segment*), the value ...**

Rationale: This is consistent with other uses of the word segment for multi-interval scales.

**320-3 W S.1.7. Capacity Indication, Weight Ranges, and Units Weights**

The SMA supports the withdrawal of this item.

**320-4 V S.2.1.5. Initial Zero-Setting Mechanism**

The SMA supports this item.

**320-5 V S.2.4. Level-Indicating Means and S.2.4.1. Vehicle On-Board Weighing Systems**

The SMA supports this item with the following editorial changes.

S.2.4. Level-Indicating Means. – **Except for portable wheel-load weighers and portable axle-load scales, a portable scale shall be equipped with level-indicating means if its weighing performance is changed by an amount greater than the appropriate acceptance tolerance when it is moved from a level position and rebalanced in a position that is out of level up to and including 5 % on a slope or grade (rise over run). ~~up to and including in any upright direction by 5 %~~.** The level-indicating means shall be readable without removing any scale parts requiring a tool.

**320-6 V S.2.1.6. Combined Zero-Tare (“0/T”) Key, S.2.3. Value of Tare Indication and Recorded Representations, S.2.4. Preset Tare Mechanism, Appendix D; Definitions for Tare Mechanism, Gross Weight Value, Net Weight, Net Weight Value, Tare, and Tare Weight Value**

The SMA opposes this as a Voting Item and recommends that the item be made Informational to allow for further development and evaluation.

Rationale: The proposal is significantly different from that which was published in Publication 15 for the 2008 Interim Conference.

### **324 AUTOMATIC WEIGHING SYSTEMS**

**324-1 V S.1.2. Value of Division Units and T.2.1. General**

The SMA supports this item but recommends adding “or segment” to the sentence in S.2.2 Tare

**S.2.2. Tare.** – *On any scale (except a monorail scale equipped with digital indications and multi-interval scales or multiple range scales when the value of tare is determined in a lower range or segment), the value ...*

Rationale: This is consistent with other uses of the word segment for multi-interval scales.

**324-2 V S.2.2. Value of Tare Indication and Recorded Representations and S.2.3. Preset Tare Mechanism**

The SMA opposes this as a Voting Item and recommends that the item be made Informational to allow for further development and evaluation.

Rationale: The proposal is significantly different from that which was published in Publication 15 for the 2008 Interim Conference.

### **360 OTHER ITEMS**

**Item 360-2: Developing Items**

**Part 1, Item 1 General Code: G-S.1. Identification – (Software)**

The SMA supports the Software Sector’s efforts.

**Part 1, Item 2 Appendix D – Definition of Electronic Devices, Software-Based**

The SMA takes no position at this time.

**Part 2, Item 1 Scales: S.1.4.6. Height and Definition of Minimum Reading Distance, UR.2.10. Primary Indicating Elements Provided by the User, UR.2.11. Minimum Reading Distance and Definitions of Minimum Reading Distance and Primary Indications**

No Comment.