

**2007 Amendments**

The following table lists the codes, paragraphs, and pages in which the 92<sup>nd</sup> National Conference on Weights and Measures made amendments. In the column headed "Action," changes are noted as "added," "amended," "deleted," or "renumbered." Each code, section, or paragraph that has been changed will be noted as "Added 2007" or "Amended 2007."

SECTION	CODE	S&T ITEM NO.	PARAGRAPH	ACTION	PAGE
1.10	General	310-1A	G-S.2.	Amended	1-3
		310-2	G-S.5.6.1., Table 1	Amended	1-5
		310-3	G-S.8.1.	Added	1-6
2.20	Scales	320-6	N.1.3.1.	Deleted, renumbered successive paragraphs and updated corresponding code references in the paragraphs	2-19
			N.1.3.3.3.	Added	2-21
		N.1.3.7. (previously N.1.3.8.)	Amended	2-22	
		320-7	N.1.3.5.1. (previously N.1.3.6.1.)	Amended	2-21
2.24	Automatic Weighing Systems	324-2	Table S.7.b. Note 5	Amended	2-73
			T.2.3.	Added, renumbered existing T.2.3. to T.2.4.	2-76
3.30	Liquid-Measuring Devices	330-1	S.1.2.3.	Amended	3-4
		330-2	S.1.6.5.5.	Amended	3-7
			S.1.6.5.6	Added	3-7
		310-3	S.2.2.1., Note 2	Note 2 Added	3-9
		330-3	S.3.1.	Amended	3-12
3.31	Vehicle-Tank Meters	331-1	S.2.5., S.2.5.1., S.2.5.2., S.2.5.3., S.2.5.4., S.2.5.5.	Added	3-26 to 3-27
			S.5.6.	Added	3-28
			N.4.1.3., N.5	Added	3-29, 3-30
			T.2.1.	Added	3-32

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<b>SECTION</b>	<b>CODE</b>	<b>S&amp;T ITEM NO.</b>	<b>PARAGRAPH</b>	<b>ACTION</b>	<b>PAGE</b>
3.31	Vehicle-Tank Meters	331-1	UR.2.5., UR.2.5.1., UR.2.5.2.	Added	3-33
3.56(a)	Grain Moisture Meters	356(a)-1	S.1.2., Table S.1.2.	Amended	5-28
3.57	Near-Infrared Grain Analyzer	357-1	S.1.2., Table S.1.2.	Amended	5-46
Appendix D	Definitions	320-6	bench scale [2.20]	Deleted	D-3
			counter scale [2.20]	Deleted	D-5
		356(a)-1 & 357-1	all class [5.56(a), 5.57]	Added	D-1
			grain class [5.56(a), 5.57]	Added	D-8
			grain type [5.56(a), 5.57]	Added	D-9
			multi-class [5.56(a), 5.57]	Added	D-12

**2007 Editorial Changes**

SECTION	CODE	PARAGRAPH	ACTION	PAGE
Intro			Content updated to reflect the change in term from “issue(s)” to “item(s)”; Updated Form 15; and Updated content to reflect current practices.	1-8
2.20	Scales	S.1.7.(a)	Replaced "total platform" with "gross" for consistency in wording with corresponding requirements in other device codes and for clarity.	2-6
		S.2.1.3.	Replaced the term “automatic zero-setting mechanism” with the term “automatic zero-tracking mechanism” to eliminate the potential that the term “automatic zero-setting mechanism” could be confused with the OIML R76 term and definition of “automatic zero-setting device.”	2-10
		S.2.1.3.1., S.2.1.3.2, and S.2.1.3.3.	Deleted the term “zero-tracking” and replaced it with “automatic zero-tracking mechanism” for consistency among all Section 2.20 code requirements for this feature.	2-10
		N.1.3.2. (previously N.1.3.3.)	Added language for the shift test load and test pattern that was eliminated with the deletion in 2007 of Scales Code paragraph N.1.3.1.	2-19
		N.1.5.	Replaced the reference to "automatic zero-setting mechanism (AZSM)" with the term "automatic zero-tracking mechanism (AZT)" for consistency among Section 2.20 code requirements for this feature.	2-22
		Table T.1.1.	Added reference in the column titled “Other Applicable Requirements” to paragraphs T.N.8.1.4. (Operating Temperature) and T.N.9. (Radio Frequency Interference (RFI) and Other Electromagnetic Interference Susceptibility).  Added footnote <sup>4</sup> which clarifies that paragraph T.N.8.1.4. Operating Temperature is nonretroactive and effective for unmarked devices manufactured after January 1, 1981.	2-27
		T.4.	Deleted paragraph T.4. and placed a reference to paragraph T.N.9. Radio Frequency Interference (RFI) and Other Electromagnetic Interference Susceptibility in Table T.1.1. Tolerances for Unmarked Scales in the column titled “Other Applicable Requirements.”	2-28
		T.5.	Deleted paragraph T.5. and placed a reference to paragraph T.N.8.1.4. Operating Temperature in Table T.1.1. Tolerances for Unmarked Scales in the column titled “Other Applicable Requirements.”	2-28
		UR.1.3.1.	Deleted reference to a "nonretroactive January 1, 1986" enforcement date, which does not apply to devices excluded from the requirement.	2-37
		Scale Code Index		Replaced the term "automatic-zero setting mechanism" with the term "automatic zero-tracking mechanism" for consistency among Section 2.20 code requirements for this feature.

### 2007 Editorial Changes

SECTION	CODE	PARAGRAPH	ACTION	PAGE
2.22	Automatic Bulk Weighing Systems	S.2.1.	Replaced the term “automatic zero-setting mechanism” with the term “automatic zero-tracking mechanism” to eliminate the potential that the term “automatic zero-setting mechanism” could be confused with the OIML R76 term and definition of “automatic zero-setting device.”	2-58
2.24.	Automatic Weighing Systems	S.2.1.1.	Replaced the term “automatic zero-setting mechanism” with the term “automatic zero-tracking mechanism” to eliminate the potential that the term “automatic zero-setting mechanism” could be confused with the OIML R76 term and definition of “automatic zero-setting device.”	2-69
3.30	Liquid-Measuring Devices	S.2.6.	Added “(e.g., thermometer well)” to the language to be consistent with paragraph S.2.7.4.	3-11
		Table T.2.	Reformatted table for clarity and consistency with similar tolerance tables in Sections 3.31 and 3.37.	3-16
3.31	Vehicle-Tank Meters	Table 1.	Reformatted table for clarity and consistency with similar tolerance tables in Sections 3.30 and 3.37.	3-31
3.32	LPG and Anhydrous Ammonia Liquid-Measuring Devices	N.5.	Replaced “test measure” with “prover” to be consistent with other measuring device codes.  Added language regarding the use of appropriate adjustment tables to be consistent with LMD Code Paragraph N.5.	3-42
3.37	Mass Flow Meters	Table T.2.	Reformatted table for clarity and consistency with similar tolerance tables in Section 3.30 and 3.31.	3-83
5.56(a)	Grain Moisture Meters	S.2.6.	Changed “test weight per bushel” to “test weight per volume” to facilitate the use of SI measurements.	5-31
		N.1.2.	Changed “test weight per bushel” to “test weight per volume” to facilitate the use of SI measurements.	5-32
		Table T.2.1.	Added “Class” to column heading.	5-33
		Table T.3.	Changed “Soybeans, barley, rice, sunflower, sorghum” to “Soybeans, all barley classes, all rice classes, sunflower, sorghum,” consistent with changes to Table S.1.2.	5-33
5.57	Near-Infrared Grain Analyzers	Table T.2.	Changed table to include headings consistent with changes to Table S.1.2.	5-50
Appendix D	Definitions	automatic zero-setting mechanism [2.20]	Replaced the term “automatic zero-setting mechanism” with “automatic zero-tracking mechanism” to be consistent with applicable Scales Code paragraphs and added references to the 2.22 ABWS and 2.24 AWS Codes.	D-2
		zero-setting mechanism	Changed the sub definition of “automatic zero setting mechanism” to read “automatic zero-tracking mechanism” to be consistent with applicable Scales Code paragraphs, and added references to the 2.22 ABWS and 2.24 AWS Codes.	D-23

**2007 Editorial Changes**

SECTION	CODE	PARAGRAPH	ACTION	PAGE
Appendix D	Definitions	zero-setting mechanism	Changed the language in the sub definition of “automatic zero-tracking mechanism” to eliminate the potential that the term “automatic zero-setting mechanism” could be confused with the OIML R 76 term and definition of “automatic zero-setting device.”	D-23

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