

## 2006 Amendments

The following table lists the codes, paragraphs, and pages in which the 91<sup>st</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 2006" or "Amended 2006."

SECTION	CODE	S&T ITEM NO.	PARAGRAPH	ACTION	PAGE
1.10	General	310-1	G-S.1.	Amended	1-2
		310-2	G-S.1.1.	Amended	1-3
2.20	Scales	320-6	T.N.4.5.1.	Amended	2-32
		320-7	T.N.4.6.(b), Table T.N.4.6.	Amended	2-33
			T.N.4.7.	Added	2-34
		320-9	UR.2.6.1.	Amended	2-38
		320-10	UR.3.7.	Amended	2-40
2.21	Belt-Conveyor Scale Systems	321-1	N.1.1.	Amended	2-49
3.30	Liquid-Measuring Devices	320-1	S.1.2.	Amended	3-3
		330-3	S.2.2., Table S.2.2.	Amended	3-8– 3-9
		330-5	Table T.2.	Amended	3-15
3.31	Vehicle-Tank Meters	331-1	S.1.1.3.	Amended	3-21
		331-2	S.2.2.	Amended	3-23
			Table S.2.2.	Added	3-24

SECTION	CODE	S&T ITEM NO.	PARAGRAPH	ACTION	PAGE
3.32	LPG & Anhydrous Ammonia Liquid Measuring Devices	332-1	S.2.2.	Amended	3-34
			Table S.2.2.	Added	3-35
		332-2	S.4.3.	Added, renumbered subsequent paragraph	3-36
3.34	Cryogenic Liquid- Measuring Devices	334-1	S.2.5.	Amended	3-52
			Table S.2.5.	Added	3-52
3.35	Milk Meters	335-1	S.2.3.	Amended	3-59
			Table S.2.3.	Added	3-60
3.37	Mass Flow Meters	337-1	S.3.5., Table S.3.5.	Amended	3-74– 3-75
		337-2	S.4.1.	Amended	3-75
			S.5.1.	Added, Renumbered subsequent paragraph	3-77
3.38	Carbon Dioxide Liquid-Measuring Devices	338-1	S.2.5.	Amended	3-85
			Table 2.5.	Added	3-86
Appendix D	Definitions	320-7	$D_{min}$	Added	D-6
			$E_{min}$	Added	D-7

## 2006 Editorial Changes

SECTION	CODE	PARAGRAPH	ACTION	PAGE
Introduction		Section M	Changed "Issue(s)" to "Item(s)"	4
		NCWM Form 15	Changed "Issue" to "Item," and "Informational Issue" to "Information Item"	7
1.10	General	G-S.5.3.1.	Deleted "[Made Retroactive 1990]"	1-4
		G-S.5.6.	Deleted "[Made Retroactive 1990]"	1-5
		Table 1.	Changed title of table to clarify that it applies to Paragraph G-S.5.6.1.	1-5
2.20	Scales	S.1.2.	Moved individual examples from the end of the paragraph to the subparagraphs with which the examples are associated.	2-3 – 2-4
		S.2.1.3.3.	Replaced references to "automated zero-setting mechanism" with "zero-tracking" for consistency with S.2.1.3.	2-10
		S.5.4.	Reorganized paragraph for clarity.	2-13
		N.3.2.	Added reference to Table 4 after "test load" to clarify the use of the term.	2-25
		T.N.4.5.1.	Moved the first sentence "However . . . 0.2e" from part (b) to the end of part (a). Added "in (a)" following "conditions in part (b)." .	2-32
		T.N.4.5.2.	Moved the first sentence "However . . . 0.6e" from part (b) to the end of part (a). Added "in (a)" following "conditions" in part (b).	2-33
		UR.3.9.	Changed numbering of paragraph from "(1), (2) . . ." to "(a), (b) . . ." for consistency.	2-40
2.24	Automatic Weighing Systems	N.1.1.(a)	Changed number of paragraph from "(i), (ii) . . ." to "(1), (2), . . ." for consistency.	2-74
		T.3.2.2.	Corrected table title replacing "Dynamic" with "Automatic"	2-76
		T.3.3.1.2.(a)	Changed "must" to "shall" for consistency with use in other paragraphs.	2-77
		T.3.3.1.2.(b)	Changed number of paragraph from "(i), (ii), (iii) . . ." to "(1), (2), (3) . . ." for consistency.	2-77
		T.3.3.2.2.(b)	Changed number of paragraph from "(i), (ii), (iii) . . ." to "(1), (2), (3) . . ." for consistency.	2-77 – 2-78
3.30	Liquid-Measuring Devices	S.1.6., S.1.7.	Inserted "Additional" at the beginning of the title to clarify that these are in addition to other operating requirements specified in S.1.	3-5, 3-7
		S.2.2.	Added the phrase "or interchange" following "adjustment" for consistency among the Section 3.30. codes.	3-8
		S.2.2.1.	Changed numbering of paragraph from "(1), (2) . . ." and "(a), (b) . . ." to be consistent with other paragraphs.	3-8

SECTION	CODE	PARAGRAPH	ACTION	PAGE
		S.4.4.2.	Moved “required” so that it appears after “information” in lead sentence.	3-12
		UR.3.3.	Deleted reference to paragraph becoming retroactive in 1999. Change numbering of paragraph from “(1), (2) . . . and “(a), (b) . . .” to be consistent with other paragraphs.	3-17
3.31	Vehicle-Tank Meters	S.1.1.1.	Changed “Note” to correctly reference UR.2.2. instead of UR.2.2.1.	3-21
		S.2.2.	Added the phrase “or interchange” following “adjustment” for consistency among the Section 3.30. codes.	3-23
		T.2.	Deleted “Maintenance and Acceptance” since Table 1 also includes Special Test Tolerances.	3-28
		T.4.	Replace “range of test results for the” with the “difference between ” in the lead paragraph to clarify the application of the paragraph.	3-29
			Edited the “Note” to reference correctly Table 1 instead of T.2.	3-29
3.32	LPG and Anhydrous Ammonia Liquid-Measuring Devices	S.1.1.2.	Added metric equivalents.	3-31
		S.2.2.	Added the phrase “or interchange” following “adjustment” for consistency among the Section 3.30. codes.	3-34
		Table T.2.	Change “Vehicle-Tank” to “Vehicle-Mounted” in the “Application” column.	3-38
		UR.2.6.	Added “or as otherwise specified by the customer” to be consistent with other codes.	3-40
3.33	Hydrocarbon Gas Vapor-Measuring Devices	S.2.2.	Added the phrase “or interchange” following “adjustment” for consistency among the Section 3.30. codes.	3-43
3.35	Milk Meters	S.2.3.	Added the phrase “or interchange” following “adjustment” for consistency among the Section 3.30. codes.	3-59
3.36	Water Meters	S.2.1.	Added the phrase “or interchange” following “adjustment” for consistency among the Section 3.30. codes.	3-66
3.37	Mass Flow Meters	S.1.3.2.	Deleted “hyphens” and replaced them with “(a), (b)” . . . for consistency.	3-71
		S.3.5.	Added the phrase “or interchange following “adjustment” for consistency among the Section 3.30. codes.	3-74
		S.5.	Changed “designation” to “identifier”	3-76
		UR.3.3.	Deleted reference to paragraph becoming retroactive in 1999 and deleted italics.	3-80

SECTION	CODE	PARAGRAPH	ACTION	PAGE
5.58	Multiple Dimension Measuring Devices	S.1.7.	Added “Except for entries of tare,” before “the minimum length . . . “ for clarity	5-51
		S.1.8.	Deleted “Except for entries of tare,” for clarity.	5-51
		S.1.8.(a), (b)	Replaced “display” and “displayed” with “indicate” and “indicated”	5-51
		S.1.9.	Replaced “display” and “displayed” with “indicate” and “indicated”	5-51
		Table S.4.1.a.	Replaced “side” with “axis” in “Minimum and Maximum Dimensions for Each Side: for clarity. Added “(or each axis and range)” to the end of “Value of Measuring Division, d” for clarity.	5-52
		Table S.4.1.b., Note 3	Replaced “can be shown as follows” with “. . . shall be marked. For example:”	5-53
		Table S.4.1.b., Note 7	Added “speed” following “dimensions.”	5-53
5.59	Electronic Livestock, Meat, and Poultry Evaluation Systems and/or Devices	UR.4.	Replaced “a national standard” with “the appropriate SI standard” in the last sentence.	5-58
Appendix C	Section 5, Tables of Equivalents	Units of Length, 1 mile (mi) international	Deleted the underline from the term “ <u>feet</u> ” in the equivalent value.	C-13
		Units of Area, 1 acre	Underlined the term “feet” in the equivalent value.	C-14
Appendix D	Definitions	automatic zero-setting mechanism	Replaced the definition with “See zero-tracking.” Moved the definition to “zero-tracking.”	D-2
		decimal submultiples	Added a definition to complement the definition of binary submultiples and to eliminate confusion over the difference between the uses of the two terms.	D-6
		multi-interval	Removed the parentheses in the first reference to “segments” and deleted the “s” in the second reference. Inserted “each partial” prior to “weighing range” to clarify application.	D-12
		zero-tracking	Replaced “See automatic zero-setting mechanism” with the definition from “automatic zero-setting mechanism.”	D-23