

2004 Amendments

The following table lists the codes, paragraphs, and pages in which the 89th 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 2004” or “Amended 2004.”

SECTION	CODE	S&T ITEM NO.	PARAGRAPH	ACTION	PAGE
Section 2	Table of Contents	324-1	2.24.	Deleted text “Tentative Code”	2-1
2.20	Scales	320-1	S.1.12.	Amended	2-9
			UR.3.9.	Amended	2-38
		320-3	Table S.6.3.a.	Amended	2-16
			Table S.6.3.b. Note 24	Added Note	2-18
		320-4	N.3.2.	Added	2-24
		320-5	N.1.5.	Amended	2-22
320-6	Table 3 Footnote 5	Added Footnote	2-14		
2.21	Belt-Conveyor Scale Systems	321-1	S.1.5.	Amended	2-46
			UR.1.	Amended	2-51
		321-2	N.2.	Amended	2-48
			N.2.1., N.2.2., N.2.3.	Added	2-48
		321-3	N.3.1.2., N.3.1.3.	Amended	2-49
			T.1.1.	Added	2-50
		321-4	N.3.1.4.	Amended	2-49
		321-5	T.3.1.1.	Amended	2-51
		321-6	UR.2.2.(b)	Amended	2-52
		321-7	UR.3.2.	Amended Added new subsection (b) and renumbered existing U.R.3.2.(b) through UR.3.2.(e) to UR.3.2.(c) through UR.3.2.(f)	2-53 through 2-54
2.24	Automatic Weighing Systems	324-1	Preface	Amended to reflect change in status of code from “tentative” to “permanent”	2-65
			A.1.	Amended	2-65
			A.1. Footnote 1, Footnote 2	Added	2-65
			A.2.(g), Footnote 3	Added	2-66
			A.4.	Deleted	2-66
			S.1.1.(a), S.1.1.1.(c)	Amended	2-66
			S.1.2.1.	Amended	2-66
			S.1.3.(b)	Amended	2-67
			S.2.1.1.	Amended	2-67
			S.2.2. Note	Amended	2-68
			S.4.1.	Deleted; subsequent paragraphs renumbered	2-68
			Table S.6.	Amended	2-69
			N.1.4.	Added	2-72
			N.2.	Title deleted	2-72
			N.2.1. and N.2.2.	Renumbered to paragraphs N.1.5. and N.1.6.	2-72
N.3.	Renumbered to N.2. Amended paragraph and note.	2-72			

SECTION	CODE	S&T ITEM NO.	PARAGRAPH	ACTION	PAGE
2.24 (cont'd)	Automatic Weighing Systems	324-1 (cont'd)	N.3.1.	Amended title Renumbered paragraph and subparagraphs to N.2.1.	2-73
			N.3.1.6.	Deleted	
			N.3.2., N.3.2.1.	Deleted	
			N.3.3	Amended title	2-73
			N.3.3.1., N.3.3.2.	Amended Renumbered to N.2.2.1. and N.2.2.2.	2-73
			N.4.	Renumbered to N.3.	2-73
			N.4.1. and N.4.2.	Amended, Renumbered to N.3.1. and N.3.2.	2-73
			N.4.3., N.4.3.1., N.4.3.2.	Deleted	
			T.2.2.	Amended	2-74
			T.3.1.1., T.3.1.2.	Amended title	2-74
			T.3.2.1.	Amended	2-74
			T.3.2.2.	Amended	2-74
			Table T.3.2.1., Table T.3.2.2.	Amended title	2-74
			T.3.3.1.1., T.3.3.1.2.	Amended title	2-75
			T.3.3.1.2.(a), (b)	Amended	2-75
			T.3.3.2.1., T.3.3.2.2.	Amended title	2-75
			T.3.3.2.2.(b)	Amended	2-75
			T.5.	Amended	2-76
			T.6.	Amended	2-76
			T.7.2.	Deleted	
			T.7.3.	Renumbered to T.7.2., Amended, and Added new note	2-76
			T.8.	Amended	2-77
			UR.3.2.	Amended	2-77
			automatic gravimetric filling machine (instrument)	Moved to Appendix D	D-2
			automatic checkweigher	Amended and moved to Appendix D	D-1
			automatic weighing systems (aws)	Amended and moved to Appendix D	D-1
			non-automatic checkweigher	Moved to Appendix D	D-13
			non-automatic weighing system	Moved to Appendix D	D-13
			systematic (average) error (\bar{x})	Moved to Appendix D	D-19
			random error(s)	Moved to Appendix D	D-16
test puck	Amended and moved to Appendix D	D-20			
weigh-labeler	Amended and moved to Appendix D	D-2			
3.30.	Liquid- Measuring Devices	330-1	S.2.2.1.	Added	3-8
		330-2	S.4.4.2.	Amended	3-12
Section 5	Table of Contents	358-7	5.58	Deleted text "Tentative Code"	5-1

SECTION	CODE	S&T ITEM NO.	PARAGRAPH	ACTION	PAGE
5.58.	Multiple Dimension Measuring Devices	358-1	S.1.6.	Amended	5-50
			Table S.1.6.	Amended	5-50
			UR.5., Table UR.5.	Added	5-55 through 5-56
		358-2	S.1.8.	Amended	5-51
			Table S.4.1.b.	Amended	5-53
		358-3	S.3.	Amended	5-52
		358-4	N.1.4.1.	Added	5-53
		358-5	T.3.	Amended	5-54
		358-6	T.5.2., T.5.2.1., T.5.2.2.	Amended	5-54
			T.7.	Deleted	
		358-7	Preface	Amended to reflect change in status of code from “tentative” to “permanent”	5-49
			billed weight	Moved to Appendix D	D-3
			“d,” dimension division value	Moved to Appendix D	D-5
			dimensional Weight (or dim, weight)	Moved to Appendix D	D-6
			measuring element	Moved to Appendix D	D-11
		330-5	Retail Device	Amended	D-17
		358-3	Measurement Field	Added	D-11
358-4	Test Object	Added	D-20		

2004 Editorial Changes

SECTION	CODE	PARAGRAPH	ACTION	PAGE
Introduction		G. d. (1)	Replace “on a high density 8.9 cm (3.5 inch) disk” with “electronic media”	2
1.10	General	G-S.1.	Reorganized paragraph for ease of use. Renumbered subsections accordingly.	1-2
		G-S.1.1.(c)	Changed references to G-S.1. subsections to correspond to reorganization of G-S.1.	1-2
2.20	Scales	T.N.8.3.1.	Inserted “when tested over the range” after the word “inclusive” for clarity of application.	2-34
		Table 7a.	Changed “Operations” to “Applications” in title of table	2-35
		UR.3.9.	Deleted term “gross” in title to be consistent with changes to S.1.12.	2-38
		UR.3.11.	Added a new note to clarify that the type of “count” for filling prescriptions differs from the “sample count” in S.1.2.3. and S.6.6.	2-39
2.24	Automatic Weighing Systems	S.3.	Added a title paragraph to describe the subject addressed in subparagraphs S.3.1. through S.3.3.	2-68
		N.3.2., Table N.3.2.	Created separate columns for “field” and “type evaluation” under the heading of “number of sample weights per test”; deleted text referring to “one half” and “but not less than 10” in N.3.2.	2-73
		T.7.2. (b) and (c) (previously T.7.3.1.)	Inserted “when tested over the range” after the word “inclusive” for clarity of application.	
Section 3	Table of Contents	3.38	Deleted text “Tentative Code” since 3.38 became permanent in 2002.	3-1
3.30.	Liquid-Measuring Devices	Table T.2.	Modified text in Application Section for Accuracy Class 0.3 and in Application Section for Accuracy Class 0.5 to follow same format.	3-15
3.34.	Cryogenic Liquid-Measuring Devices	N.4. , Table N.4.	Updated N.4. references to density and volume correction publications and add Table N.4. to list current reference sources	3-50 through 3-51
Appendix A	Fundamental Considerations	3. Testing Apparatus, Footnote 2	Changed reference to “Office of Weights and Measures” to “Weights and Measures Division”	A-2
Appendix D		package rate	Deleted definition since the term is not referenced in Handbook 44 and not a type evaluation feature.	
		retail devices	Inserted 3.37 to recognize use of term in Section 3.37.	D-17