

2022 Revision Index

On April 28, 2021, the Office of Administrative Law (OAL) approved the proposed amendments to the Device Administration – Inspections and Fees regulation in CCR Title 4, Sections 4070 through 4075. These changes are effective upon filing on April 28, 2021.

NIST Handbooks - Amendments and Editorial Changes:

See the 2022 changes to NIST Handbooks 44, 130 and 133

[NIST HB 44, 2022 Edition](#): Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices

[2021 Amendments/Editorial Changes DOCX | PDF](#)

[NIST HB 130, 2022 Edition](#) – IV. Uniform Packaging and Labeling Regulation – Chapter 4, Uniform Regulations

[2021 Amendments/Editorial Changes PDF](#)

[NIST HB 133, 2020 Edition](#) - Checking the Net Contents of Packaged Goods

Note: At the 105th and 106th NCWM Annual Meetings there were no items adopted or modifications made to NIST Handbook 133 (2020), Checking the Net Contents of Packaged Goods. The 2020 Edition of NIST Handbook 133 will be recognized as the current edition of the handbook until NCWM and NIST agree to publish a new edition.

The following table lists the codes, paragraphs, and pages in which the 105th and 106th 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 2021” or “Amended 2021”.

2021 Amendments for the 2022 Edition of Handbook 44

Specifications and Tolerances (S&T) item numbers designated with “(2021 Item)” appeared on the NCWM S&T Committee’s 2021 Agenda; these items were voted on at the 105th NCWM Annual Meeting held in January 2021 and *ratified* at the 106th NCWM Annual Meeting held in July 2021. Items without this designation appeared on the S&T Committee’s 2021 Agenda and were voted on at the 106th NCWM Annual Meeting held July 2021.

The following table lists the codes, paragraphs, and pages in which the 105th and 106th 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 2021” or “Amended 2021.”

*Specifications and Tolerances (S&T) item numbers designated with “(2020 Item)” appeared on the NCWM S&T Committee’s 2020 Agenda; these items were voted on at the 105th NCWM Annual Meeting held in January 2021 and *ratified* at the 106th NCWM Annual Meeting held in July 2021. Items without this designation appeared on the S&T Committee’s 2021 Agenda and were voted on at the 106th NCWM Annual Meeting held July 2021.

SECTION	CODE	PARAGRAPH	ACTION	PAGE
2.20.	Scales	S.1.2.2.2. S.1.2.2.3.	Deleted and renumbered subsequent paragraph from S.1.2.2.4. to S.1.2.2.2.	2-9
2.20.	Scales	S.1.8.5.	The last two paragraphs were moved from the footnotes to paragraph text after (e) in the body of the paragraph with concurrence of the NCWM S&T Committee.	2-13
2.20.	Scales	S.1.14., S.3.4.	Added	2-14, 2-18
2.20.	Scales	Table S.6.3.a.	Amended	2-23 to 2-24
2.20.	Scales	Table S.6.3.b. Note 25, Table S.6.3.b. Note 26, Table S.6.3.b.	Added	2-26

Amendments/Editorial Changes

		Note 27		
2.20.	Scales	N.1.5.	Amended	2-32
2.20.	Scales	N.7., N.7.1., N.7.2., N.7.3., N.7.4., N.7.5.	Added	2-38
2.20.	Scales	Table 7a.	Amended	2-50
2.20.	Scales	UR.5.	Amended and formatted into subparagraphs (a) and (b)	2-58
2.20.	Scales	UR.3.13.	Added	2-58
3.30.	Liquid-Measuring Devices	S.1.6.10.	Amended	3-12
		UR.4.2.	Added	3-26
3.32. LPG and Anhydrous Ammonia Liquid- Measuring Devices	LPG-20.1	S.2.5.	Amended and renumbered to include S.2.5.1. and S.2.5.2.	3-54
3.32.	LPG-20.1	S.2.6.	Renumbered existing S.2.6. to S.2.5.2.	3-54
LPG and Anhydrous Ammonia Liquid- Measuring Devices	LPG-20.1	S.2.6., S.2.6.1., and S.2.6.2.	Added new S.2.6. with content on timeout from original S.2.5. Zero-Set-Back Interlock	3-54
3.36. Water Meters	WTR-20.2 (2020 Item)*	S.1.1.4.	Amended	3-99
		S.3.2.	Added	3-103
3.37.	Mass Flow Meters	S.1.3.3.	Amended	3-112
3.40.	Electric Vehicle Fueling Systems	Table S.3.3.	Amended	3-162
3.40.	Electric Vehicle Fueling Systems	S.5.2.	Amended	3-163
3.40.	Electric Vehicle Fueling Systems	minimum measured	Added to Tentative Code	3-170

Amendments/Editorial Changes

		quantity		
3.40.	Electric Vehicle Fueling Systems	submeter	Amended	3-171
5.55.	Timing Devices	S.1.1.3.	Amended	5-41
5.56.(a) Grain Moisture Meters	GMA-20.1	Table S.2.5.	Amended	5-54
5.56.(a) Grain Moisture Meters	GMA-20.1	S.2.5.1.	Added	5-55
5.58. Multiple Dimension Measuring Devices	MDM-20.1	S.1.3., Table S.1.6., S.1.7., S.1.8., S.2., S.2.2., S.2.2.1.	Amended	5-84, 5-85, 5-85, 5-85, 5-87, 5-87, 5-87
5.58. Multiple Dimension Measuring Devices	MDM-20.1	S.2.2.2. and Acceptable Example Tables	Deleted	5-87
Appendix A	Fundamental Considerations	Section 2.1 Acceptance and Maintenance Tolerances	Amended	A-4
Appendix D	Definitions	data acquisition time	Added	D-10
Appendix D	Definitions	dimensional offset	Added	D-11
Appendix D	Definitions	point-based railroad weighing systems	Added	D-22
Appendix D	Definitions	reference vehicle	Added	D-24
Appendix D	Definitions	vehicle scale	Amended	D-29
Appendix D	Definitions	weigh-in-motion (WIM) vehicle scale	Added	D-30

Amendments/Editorial Changes

2021 HB 44 Editorial Changes to the 2022 Edition

SECTION	CODE	PARAGRAPH	ACTION	HB 44 PAGE
3.40.	Electric Vehicle Fueling Systems	N.2.	Separate “maybe” into “may” and “be”.	3-164
Appendix C	General Tables of Units of Measurement	In the second table under the section titled “Units of Capacity or Volume - Dry Volume Measure”	Correct the equivalent for dry pint in cubic inches from the erroneous value listed of “1.12 cubic inches” to the correct value of “33.600 312 5 cubic inches.”	C-13

2021 Handbook 130 Amendments / Editorial Changes

The following table lists the laws and regulations amended by the 105th (2020) and 106th (2021) National Conference on Weights and Measures (NCWM). As appropriate, the text on the cited pages indicates the changes to the law or regulation, section, or paragraph as “Added 2021” or “Amended 2021.” Unless otherwise noted, the effective date of the regulations added or amended in 2021 is January 1, 2022.

*Laws and Regulations (L&R) item numbers designated with “(2020 Item)” appeared on the NCWM L&R Committee’s 2020 Agenda; these items were voted on at the 105th NCWM Annual Meeting held in January 2021 and ratified at the 106th NCWM Annual Meeting held in July 2021. Items without this designation appeared on the L&R Committee’s 2021 Agenda and were voted on at the 106th NCWM Annual Meeting held July 2021.

Law or Regulation	Section	Action	HB 130 Page
A. Uniform Packaging and Labeling Regulation	11.19. Margarine	Amended	84
A. Uniform Packaging and Labeling Regulation	11.34. Bacon	Added	87

2021 L&R Editorial Changes

Editorial Note: There were no editorial changes to the 105th (2020) and 106th (2021) National Conference on Weights and Measures (NCWM) HB 130“A. Uniform Packaging and Labeling Regulation”

2022 Handbook 133 Amendments / Editorial Changes

Note: No New Edition of Handbook 133 At the 105th and 106th NCWM Annual Meetings there were no items adopted or modifications made to NIST Handbook 133 (2020), Checking the Net Contents of Packaged Goods.

The 2020 Edition of NIST Handbook 133 will be recognized as the current edition of the handbook until NCWM and NIST agree to publish a new edition