Number of gauge	Approximate thickness in fractions of an inch	Approximate thickness in decimal parts of an inch	Approximate thickness in millimeters	Weight per square foot in ounces avoirdupois	Weight per square foot in pounds avoirdupois	Weight per square foot in kilograms	Weight per square meter in kilograms	Weight per square meter in pounds avoirdupois
9	5/32	.15625	3.96875	100	6.25	2.835	30.52	67.27
10	9/64	.140625	3.571875	90	5.625	2.552	27.46	60.55
11	1/8	.125	3.175	80	5	2.268	24.41	53.82
12	7/64	.109375	2.778125	70	4.375	1.984	21.36	47.09
13	3/32	.09375	2.38125	60	3.75	1.701	18.31	40.36
14	5/64	.078125	1.984375	50	3.125	1.417	15.26	33.64
15	9/128	.0703125	1.7859375	45	2.8125	1.276	13.73	30.27
16	1/16	.0625	1.5875	40	2.5	1.134	12.21	26.91
17	9/160	.05625	1.42875	36	2.25	1.021	10.99	24.22
18	1/20	.05	1.27	32	2	.9072	9.765	21.53
19	7/160	.04375	1.11125	28	1.75	.7938	8.544	18.84
20	3/80	.0375	.9525	24	1.50	.6804	7.324	16.15
21	11/320	.034375	.873125	22	1.375	.6237	6.713	14.80
22	1/32	.03125	.793750	20	1.25	.567	6.103	13.46
23	9/320	.028125	.714375	18	1.125	.5103	5.493	12.11
24	1/40	.025	.635	16	1	.4536	4.882	10.76
25	7/320	.021875	.555625	14	.875	.3969	4.272	9.42
26	3/160	.01875	.47625	12	.75	.3402	3.662	8.07
27	11/640	.0171875	.4365625	11	.6875	.3119	3.357	7.40
28	1/64	.015625	.396875	10	.625	.2835	3.052	6.73
29	9/640	.0140625	.3571875	9	.5625	.2551	2.746	6.05
30	1/80	.0125	.3175	8	.5	.2268	2.441	5.38
31	7/640	.0109375	.2778125	7	.4375	.1984	2.136	4.71
32	13/1280	.01015625	.25796875	6½	.40625	.1843	1.983	4.37
33	3/320	.009375	.238125	6	.375	.1701	1.831	4.04
34	11/1280	.00859375	.21828125	5½	.34375	.1559	1.678	3.70
35	5/640	.0078125	.1984375	5	.3125	.1417	1.526	3.36
36	9/1280	.00703125	.17859375	4½	.28125	.1276	1.373	3.03
37	17/2560	.006640625	.168671875	4¼	.265625	.1205	1.297	2.87
38	1/160	.00625	.15875	4	.25	.1134	1.221	2.69

The same and no other shall be used in determining duties and taxes levied by the United States of America on sheet and plate iron and steel. But this subchapter shall not be construed to increase duties upon any articles which may be imported.

(Mar. 3, 1893, ch. 221, § 1, 27 Stat. 746.)

REFERENCES IN TEXT

This subchapter, referred to in text, was in the original ''this act'', meaning act Mar. 3, 1893, ch. 221, 27 Stat. 746, which is classified to sections 206 to 208 of this title.

§ 207. Preparation of standards by Secretary of Commerce

The Secretary of Commerce is authorized and required to prepare suitable standards in accordance with section 206 of this title.

(Mar. 3, 1893, ch. 221, § 2, 27 Stat. 746; Feb. 14, 1903, ch. 552, § 10, 32 Stat. 829; Mar. 4, 1913, ch. 141, § 1, 37 Stat. 736.)

CHANGE OF NAME

Act Mar. 4, 1913, created Department of Labor, and renamed Department of Commerce and Labor as Department of Commerce.

TRANSFER OF FUNCTIONS

Act Feb. 14, 1903, transferred National Bureau of Standards from Treasury Department to Department of Commerce and Labor.

§ 208. Variations

In the practical use and application of the standard gauge esablished[1] in section 206 of this title a variation of 2½ percent, either way may be allowed.

(Mar. 3, 1893, ch. 221, § 3, 27 Stat. 746.)

[1] So in original. Probably should be ''established''.

SUBCHAPTER IV—SCREW THREADS

§§ 208a to 212. Repealed. Pub. L. 89–554, § 8(a), Sept. 6, 1966, 80 Stat. 644, 646

Sections, acts July 18, 1918, ch. 156, §§ 1–5, 40 Stat. 912, 913; Mar. 3, 1919, ch. 96, 40 Stat. 1291; Apr. 16, 1926, ch. 148, 44 Stat. 297, created Commission for the Standardization of Screw Threads and provided for composition of Commission, its duties, and pay.

SUBCHAPTER V—STANDARDS OF ELECTRICITY

§§ 221, 222. Repealed. July 21, 1950, ch. 484, § 13, 64 Stat. 370

Sections, act July 12, 1894, ch. 131, §§ 1, 2, 28 Stat. 101, 102, related to units of electrical measure.

§§ 223, 224. Repealed. Pub. L. 110–69, title III, § 3013(c)(2), Aug. 9, 2007, 121 Stat. 598

Section 223, acts July 21, 1950, ch. 484, §§ 1–11, 64 Stat. 369; Pub. L. 88–165, Nov. 4, 1963, 77 Stat. 299, related to units of electrical measure.

Section 224, act July 21, 1950, ch. 484, § 12, 64 Stat. 370, related to establishment of values of primary electric and photometric units in absolute measure and legal values for those units.

SUBCHAPTER VI—STANDARD BARRELS

§ 231. Standard barrel for apples; steel barrels

The standard barrel for apples shall be of the following dimensions when measured without distention of its parts: Length of stave, twenty-eight and one-half inches; diameter of head, seventeen and one-eighth inches; distance between heads, twenty-six inches; circumference of bulge, sixty-four inches outside measurement, representing as nearly as possible seven thousand and fifty-six cubic inches: *Provided*, That steel barrels containing the interior dimensions provided for in this section shall be construed as a compliance therewith.

(Aug. 3, 1912, ch. 273, § 1, 37 Stat. 250.)

§ 232. Barrels below standard; marking

All barrels packed with apples shall be deemed to be below standard if the barrel bears any statement, design, or device indicating that the barrel is a standard barrel of apples, as defined in section 231 of this title, and the capacity of the barrel is less than the capacity prescribed by said section, unless the barrel shall be plainly marked on end and side with words or figures showing the fractional relation which the actual capacity of the barrel bears to the capacity prescribed by said section. The marking required by this section shall be in block letters of size not less than seventy-two point (one-inch) gothic.

(Aug. 3, 1912, ch. 273, § 4, 37 Stat. 251.)

§ 233. Penalty for violations

Any person, firm, or corporation, or association who shall knowingly pack or cause to be packed apples in barrels, or who shall knowingly sell or offer for sale such barrels in violation of the provisions of this Act shall be liable to a penalty of $1 and costs for each such barrel so sold or offered for sale, to be recovered at the suit of the United States in any court of the United States having jurisdiction.

(Aug. 3, 1912, ch. 273, § 6, 37 Stat. 251.)

REFERENCES IN TEXT

This Act, referred to in text, is act Aug. 3, 1912, ch. 273, §§ 1–6, 37 Stat. 250, 251, which is classified to sections 231 to 233 of this title and to sections 20 to 23 of Title 21, Food and Drugs.

CODIFICATION

This section is also set out as section 23 of Title 21, Food and Drugs.

§ 234. Standard barrel for fruits or other dry commodity

The standard barrel for fruits, vegetables, and other dry commodities other than cranberries shall be of the following dimensions when measured without distention of its parts: Length of stave, twenty-eight and one-half inches; diameter of heads, seventeen and one-eighth inches; distance between heads, twenty-six inches; circumference of bulge, sixty-four inches, outside measurement; and the thickness of staves not greater than four-tenths of an inch: *Provided*, That any barrel of a different form having a capacity of seven thousand and fifty-six cubic inches shall be a standard barrel. The standard barrel for cranberries shall be of the following dimensions when measured without distention of its parts: Length of staves, twenty-eight and one-half inches; diameter of head, sixteen and one-fourth inches; distance between heads, twenty-five and one-fourth inches; circumference of bulge, fifty-eight and one-half inches, outside measurement; and the thickness of staves not greater than four-tenths of an inch.

(Mar. 4, 1915, ch. 158, § 1, 38 Stat. 1186.)

§ 235. Sale or shipment of barrel of less capacity than standard; punishment

It shall be unlawful to sell, offer, or expose for sale in any State, Territory, or the District of Columbia, or to ship from any State, Territory, or the District of Columbia to any other State, Territory, or the District of Columbia or to a foreign country, a barrel containing fruits or vegetables or any other dry commodity of less capacity than the standard barrels defined in section 234 of this title, known as the third, half, and three-quarters barrel, and any person guilty of a willful violation of any of the provisions of sections 234 to 236 of this title shall be deemed guilty of a misdemeanor and be liable to a fine not to exceed $500, or imprisonment not to exceed six months, in the court of the United States having jurisdiction: *Provided*, *however*, That no barrel shall be deemed below standard within the meaning of said sections when shipped to any foreign country and constructed according to the specifications or directions of the foreign purchaser if not constructed in conflict with the laws of the foreign country to which the same is intended to be shipped.

(Mar. 4, 1915, ch. 158, § 2, 38 Stat. 1186.)

§ 236. Variations from standard permitted; prosecutions; law not applicable to certain barrels

Reasonable variations shall be permitted and tolerance shall be established by rules and regulations made by the Director of the National Institute of Standards and Technology and approved by the Secretary of Commerce. Prosecutions for offenses under this section or sections 234 or 235 of this title may be begun upon complaint of local sealers of weights and measures or other officers of the several States and Territories appointed to enforce the laws of the said States or Territories, respectively, relating to weights and measures: *Provided*, *however*, That nothing in this section or sections 234 and 235 of this title shall apply to barrels used in packing or shipping commodities sold exclusively by weight or numerical count.

(Mar. 4, 1915, ch. 158, § 3, 38 Stat. 1187; Pub. L. 100–418, title V, § 5115(c), Aug. 23, 1988, 102 Stat. 1433.)

AMENDMENTS

1988—Pub. L. 100–418 substituted ''National Institute of Standards and Technology'' for ''Bureau of Standards''.

TRANSFER OF FUNCTIONS

Functions of all other officers of Department of Commerce and functions of all agencies and employees of such Department, with a few exceptions, transferred to Secretary of Commerce, with power vested in him to authorize their performance or performance of any of his functions by any of such officers, agencies, and employees, by Reorg. Plan No. 5 of 1950, §§ 1, 2, eff. May 24, 1950, 15 F.R. 3174, 64 Stat. 1263, set out in the Appendix to Title 5, Government Organization and Employees.

§ 237. Standard barrels for lime

There is established a large and a small barrel of lime, the large barrel to consist of two hundred and eighty pounds and the small barrel to consist of one hundred and eighty pounds, net weight.

(Aug. 23, 1916, ch. 396, § 1, 39 Stat. 530.)

§ 238. Penalty for selling in barrels not marked

It shall be unlawful for any person to sell or offer for sale lime imported in barrels from a