
Index

A

Aerosol Containers	25
Allowable Difference.....	245
Animal Bedding	99
Test equipment.....	99
Test procedure.....	99
Volume calculations.....	101
Worksheet	191
Assistance in Testing Operations.....	12
Association of Official Seed Analyst (AOSA)	213, 217
Audit Testing.....	245
Audits	
Packages Labeled by Count	117
Test	11
Average	245
Average Error	245
Average Requirement....	245, See Package Requirement
Average Tare.....	245

B

Baler Twine	132
Berry Baskets and Boxes	245
Borax.....	33
Test Procedure	33

C

Category A (Category B).....	245
Caulking Compounds.....	61
Certification Requirements for Standards and Test Equipment	13
Chamois	134, 245
Test Methods.....	134
Chitterlings.....	39
Evaluation of Results – Compliance	43
Fresh and Frozen.....	41
Frozen	41
Purge	39, 44
Test Equipment.....	39
Test Procedure	40
Worksheet – Category A.....	199
Worksheet – Category A– Example.....	200
Worksheet – Category B	201
Worksheet – Category B – Example	202
Combination Quantity Declarations	245
Compliance Testing	245
Compressed Gas	
Net Contents	78
Test Equipment.....	80

Count..........**115, 116, 118, 119, 120**

D

Decision Criteria.....	245
Decreasing-Load Test	18
Defoaming agent.....	49, 52
Delivery	245
Deviations Caused by Moisture Loss or Gain.....	See Package Requirements
Dimensionless Units 21, 22, 24, 26, 27, 120, 131, 132, 187, 188, 189, 190, 246	
Division, value of (d).....	246
Drained Weight	35, 246
Encased-in-Ice, Ice Glazed, or Frozen Foods	36, 39
Test Equipment	35
Test Procedure	35
Dry Measure	246
Dry Pet Food.....	246
Dry Tare.....	See Tare

E

Error.....	See Packages, Error
Evaluating Results....	39, 52, 55, 56, 61, 70, 72, 76, 78, 82, 99, 121, 125, 129, 132, 133, 136, 138
Compliance.....	27
Exceptions for Multiunit Packages	153

F

Fair Packaging and Labeling Act (FPLA).....	11
Federal Agencies	
Bureau of Alcohol and Tobacco Tax and Trade Bureau (TTB).....	11
Environmental Protection Agency (EPA).....	11
Federal Trade Commission (FTC).....	11
Food and Drug Administration (FDA)	11
U.S. Department of Agriculture (USDA).....	11
U.S. Department of the Treasury.....	11
Federal Alcohol Administration Act.....	11
Firewood	82
Boxed	87
Bundles and bags.....	94
Evaluation of Results.....	99
Test Procedure	82
Flour	10
Food, Drug, and Cosmetic Act (FDCA).....	11
Forms	185
Chitterlings Worksheet – Category A.....	199
Chitterlings Worksheet – Category A – Example.....	200
Chitterlings Worksheet – Category B	201

Chitterlings Worksheet – Category B – Example	202
Determining the Free Liquid and Net Volume of Oysters Worksheet	197, 198
Ice Glazed Package Report	195
Ice Glazed Package Report – Example	196
Ice-Glazed Package Worksheet.....	193
Ice-Glazed Package Worksheet – Example.....	194
Peat Moss Labeled by Volume Package Worksheet – Dimensional Procedure	203
Random Package Report.....	187
Random Package Report – Example.....	188
Softwood Lumber Worksheet	205, 207
Standard Package Report	189
Standard Package Report – Example	190
Structural Plywood Sheets and Wood-Based Structural Panels Worksheet.....	209, 211
Frozen Foods.....	36, 39
Encased-in-Ice	36, 39
Ice Glazed	36, 39
Ice Glazed Package Report	195
Ice Glazed Package Report – Example	196
Ice-Glazed Package Worksheet.....	193
Ice-Glazed Package Worksheet – Example.....	194

G

General Tables of Units of Measurement	219
Glass Tumblers	See Glassware
Glassware	
Allowable Differences	56
Blown Glass.....	56
Pressed Glass	56
Stemware	56
Glossary	245
allowable difference.....	245
audit testing.....	245
average.....	245
average error	245
average requirement.....	245
average tare.....	245
berry baskets and boxes	245
Category A (Category B).....	245
chamois	245
combination quantity declarations	245
compliance testing	245
decision criteria.....	245
delivery	245
dimensionless units	246
division, value of (d).....	246
drained weight.....	246
dry measure.....	246
dry pet food	246
dry tare difference.....	246
error	246
gravimetric test procedure.....	246
gross weight	246
headspace	246
initial tare sample.....	246
inspection lot	246
label	246
linear measures	247
location of test.....	247

lot	247
lot code	247
lot size	247
MAV	247
maximum allowable variation (MAV)	247
measure containers	247
metric or SI units	247
minus or plus errors	247
moisture allowance	247
mulch	247
net quantity or net contents	248
nominal	248
nominal gross weight	248
package error	248
packaged goods	248
petroleum products	248
plus errors	248
principal display panel or panels	248
production lot	248
pycnometer	248
random pack	248
random sampling	248
range	249
reasonable variation	249
rounding	249
sample	249
sample correction factor	249
sample error limit (SEL)	249
sample size (n)	249
sampling plan	249
scale tolerance	249
seat	249
seated capacity	249
SEL	249
shipment	249
slicker plate	249
standard deviation	249
standard pack	250
supplementary quantity declarations	250
tare sample	250
tare sample size	250
tare weight	250
tolerance	250
U.S. customary units	250
unit of measure	250
unreasonable errors	250
unused dry tare	251
used dry tare	251
volumetric measures	251
wet tare	251
Good Measurement Practices.....	12, 16
Goods Labeled by Capacity	55
Gravimetric Test Procedure	246
Basic Test Procedure	19
Checking the Net Contents of Packaged Goods	15
Liquids.....	48
Test Method	15
Gross Weight	246

H

Headspace	246
------------------------	------------

Health and Safety.....	12
I	
Ice cream	
Novelties.....	72
Ice Cream	
Cone.....	74
Cup.....	74
Displacement Vessel.....	73
Evaluating Results	76
Ice Pop	74
Novelties.....	74
Sandwich.....	74
Test Equipment.....	73
Test Procedure	74
Ice Glazed	
Ice Glazed	36
Meat, Poultry, or Similar.....	36, 37, 38
Seafood	36, 37, 38
Increasing-Load Test.....	18
Individual Package Quantity	147
Individual Package Requirement	7
Initial Tare Sample	246
Inspection Lot	6, 20, 246, 247
L	
Label	246
Lacquers	57
Linear Measure, Area, Thickness, and Combinations of Quantities.....	115, 151
Linear Measures	247
Location of Test.....	247
Lot Code	247
Lot Size	247
Lumber	145, 146, 147, 148
M	
Mass Standards.....	19
MAV..... <i>See Maximum Allowable Variation</i>	
Maximum Allowable Variation (MAV).....	7, 15, 19, 27, 31, 72, 99, 116, 117, 152, 153, 163, 165, 247, See Package Requirements
Measure Containers.....	247
Measurement Standards and Test Equipment	12, 15, 35, 48, 57, 61, 73, 77, 80, 117, 122, 129, 132
Metric Units.....	247
Milk.....	47
Minus or Plus Errors.....	247, 248
Model Inspection Forms.....	<i>See Forms</i>
Moisture Allowance.....	247
Applying	9
Wet Tare	29
Moisture Allowances.....	28, 29
Moisture Loss or Gain.....	9
Mulch.....	247
Mulch and Soils.....	70
Evaluation of Results	72
Specifications.....	70

Test Equipment	70
Test Procedure.....	72
Multiunit	8, 13, 25, 42, 45, 113, 152, 153

Multiunit Packages	
Exceptions	153
Multiunit Packages with Only a Total Quantity Declaration	153
Test Procedure	152
Total Quantity MAV.....	8, 13, 25, 42, 45, 113

N

Net Content.....	248
Compressed Gas Cylinders.....	78
Net Quantity	248

Net Weight	
Frozen Foods.....	36, 38
Ice Glazed.....	36
Seafood.....	36

Nominal.....	248
Nominal Gross Weight.....	21, 25, 26, 35, 51, 61, 76, 118, 119, 131, 248

O

Oysters	76
Determining the Free Liquid and Net Volume of Oysters Worksheet.....	197
Determining the Free Liquid and Net Volume of Oysters Worksheet – Example.....	198
Evaluation of Results.....	78
Test Equipment	77
Test Procedure	77

P

Package Checking Procedures	5
Point-of-pack	5
Retail	5
Wholesale	5

Package Requirements.....	6
Average Requirement.....	7
Deviations Caused by Moisture Loss or Gain	9
Exceptions to the Average	9
Exceptions to the Individual	9
Individual Package	44
Individual Package	7
Inspection Lot	6
Maximum Allowable Variation (MAV)	7
Moisture Loss or Gain	9

Packaged Goods	248
Packages	

Aerosol Containers	25
Average Requirement	44
Errors	26, 27, 28, 35, 44, 72, 121, 246, 248
Ice Glazed Package Report	195
Ice Glazed Package Report – Example	196
Ice-Glazed Package Worksheet	193
Ice-Glazed Package Worksheet – Example	194
Labeled by Count	115
Labeled by Count of 50 Items or Fewer	115

Labeled by Count of More than 50 Items.....	115, 116
Labeled by Linear or Square (Area) Measure	129
Labeled by Volume.....	47
Measure Net Contents.....	22
Package Requirements.....	6
Random Package Report.....	187
Random Package Report – Example.....	188
Random Sample Selection	22
Standard	26
Standard Package Report	189
Standard Package Report – Example	190
Test Equipment.....	115
Test Procedures.....	115
Uncompressed Volume.....	63
Violation Procedure	118
Paint.....	57, 58, 59, 61
Paper Plates and Sanitary Paper Products.....	See Paper Products
Paper Products	
Evaluation of Results	121
Paper Plates.....	120
Sanitary Paper Products	120
Test Equipment.....	120
Test Procedure	121
Pasta Products.....	29, 30
Peat Moss.....	63
Dimensional Test Procedure for Compressed Quantity	63
Peat Moss Labeled by Volume Package Worksheet –	
Dimensional Procedure	203
Safety	65
Test Equipment.....	63
Test Procedure	64
Pesticides.....	7
Pet Food.....	10, 29, 246
Petroleum Products	248
Plywood	139, 141, 142
Point-of-pack.....	5
Point-of-sale.....	5
Polyethylene	
Test Procedure	126
Polyethylene Sheeting.....	122
Average Thickness.....	129
Bags, Liners	122
Individual Thickness.....	129
Test Equipment.....	122
Test Procedure	123
Pressed and Blown Glass Tumblers and Stemware	57
Pressed Glass.....	See Glassware
Principal Display Panel or Panels.....	248
Product Testing.....	6
Production Lot	248
Purge.....	41, 44
Pycnometer.....	248

R

Random Number Tables	22
Random Pack.....	248
Random Sample Selection	22
Random Sampling	248
Range	249
Reasonable variation	7

Reasonable Variation.....	249
Recordkeeping.....	20
Recording Data.....	21
Regulatory Agencies Responsible for Package	
Regulations and Applicable Requirements	11
Retail	See Package Checking Procedures
Return to Zero	19
Rounding.....	249

S

Safety	See Health and Safety
Sample	249
Correction Factor.....	249
Error limit (SEL)	9
Error Limit (SEL).....	249
Random	22
Size (n)	249
Tare	23
Sampling	
Plan.....	10, 20, 23, 28, 249
Audit Test	11
Scale Tolerance.....	249
Scales	
Accuracy	16
Class of Scales.....	17
Decreasing-Load Test.....	18
Gravimetric Test Method	15
Increasing-Load Test	18
Return to Zero	19
Shift Test	18
Tolerances	16
Verification.....	17
Scope	
For Packages Labeled by Volume	47
General Information	5
Test Procedures – Packages Labeled by Count, Linear	
Measure, Area, Thickness, and Combinations of	
Quantities.....	115, 151, 152
Seafood	36
Seat	249
Seated Capacity	249
Seed	
AOSA Rules for Testing Seeds – Section 12	
Mechanical Seed Count	217
AOSA Rules for Testing Seeds – Section 2	
Preparation of Working Samples	213
Association of Official Seed Analyst (AOSA) ..	213, 217
Labeled by Count	137
SEL	See Sample:Error Limit (SEL)
Shift Test	18
Shipment	249
SI Units	247
Slicker Plate	249
Softwood Lumber	145, 146, 205, 207
Special Test Requirements for Packages Labeled by	
Linear or Square Measure (Area).....	122
Standard Deviation	249
Standard Pack	250
Stemware	See Glassware
Structural Plywood	139, 141, 142, 209, 211
Supplementary Quantity Declarations	250

T**Tare**

Determination of.....	25
Dry Tare.....	246
Initial Tare Sample.....	246
Procedure	
Aerosol Containers.....	25
Determination of.....	22, 23
Unused Dry	23
Used Dry.....	23
Vacuum Packed Coffee.....	25
Wet Tare.....	23
Sample	250
Sample Size	250
Unused Dry.....	25, 251
Used Dry.....	23, 251
Weight	250
Wet.....	251

Test Equipment

Animal bedding.....	99
Firewood.....	82
Linear or Square (area) Measure.....	129
Test Procedure	
Animal bedding.....	99
Baler Twine	132
Borax	33
Cylinders Labeled By Weight.....	81
Drained Weight.....	35
Encased-in-Ice Product	37
Goods Labeled by Capacity	
Volumetric Test Procedure.....	55
Gravimetric Test/Liquids	48
Headspace Test	55
Ice Cream.....	74
Ice-Glazed Product.....	38
Individual Package Quantity	151
Mayonnaise, Salad Dressing, and Water Immiscible Products with no Smooth Level Surface	54
Multiunit Packages.....	152
Multiunit Packages Exempt from Total Quantity Statement.....	148
Oils, Syrups, and other Viscous Liquids with a Smooth and Level Surface.....	54
Packages Labeled by Volume	47
Polyethylene Sheeting.....	123
Pressed and Blown Glass Tumblers and Stemware.....	56
Softwood Lumber	145
Structural Plywood and Wood-Based Structural Panels	139
Variety Packages Containing Individual Packages with Varying Net Weights.....	154
Volumetric Test	52

Testing Viscous Materials

Caulking Compounds and Pastes	61
Tolerance.....	250
Total Quantity	152
Total Quantity MAV	8, 45, 113, 147, 149, 150, 151
Multiunit package.....	13, 25, 42, 45, 113
Variety package.....	13, 25, 42, 45, 113
Traceability.....	12

U

U.S. customary units	250
Uncompressed Volume Packages.....	69
Evaluation of Results.....	70
Test Equipment	69
Test Procedure.....	69
Unit of Measure.....	57, 250
Unreasonable Errors.....	250

V

Varnish.....	57
Variety package.....	8, 13, 25, 42, 45, 113, 152, 153
Volumetric measures.....	251
Volumetric Measures	
Distilled Water	53
Ice Cream	73
Reverse Osmosis Water.....	53
Volumetric Test Procedure	
Goods Labeled by Capacity.....	55
Liquids.....	47, 52
Other.....	52
Packaged Firewood	82

W

Wet Tare	251
Wholesale	5
Wood-Based Panels	142, 209, 211
Worksheet	
Borax Audit Worksheet.....	204
Chitterlings Worksheet – Category A.....	199
Chitterlings Worksheet – Category A – Example.....	200
Chitterlings Worksheet – Category B.....	201
Chitterlings Worksheet – Category B – Example.....	202
Determining the Free Liquid and Net Volume of Oysters	197
Determining the Free Liquid and Net Volume of Oysters – Example.....	198
Ice-Glazed Package Worksheet	193
Ice-Glazed Package Worksheet – Example	194
Peat Moss Labeled by Volume Package Worksheet – Dimensional Procedure.....	203
Softwood Lumber Worksheet.....	205, 207
Structural Plywood Sheets and Wood-Based Structural Panels Worksheet	209, 211

THIS PAGE INTENTIONALLY LEFT BLANK