
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

Goods Labeled by Capacity

Gravimetric Test Procedure

 Basic Test Procedure

 Checking the Net Contents of Packaged Goods

 Liquids

 Test Method

Gross Weight

H

Headspace

Health and Safety

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.....	See Maximum Allowable Variation
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.....	See Forms
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