
Index

A

Aerosol Containers	19
Allowable Difference	159
Assistance in Testing Operations	6
Association of Official Seed Analyst (AOSA)...	129, 133
Audit Testing.....	159
Audits	
Packages Labeled by Count	71
Test	5
Average.....	159
Average Error.....	159
Average Requirement.....	159, See Package Requirement
Average Tare.....	159

B

Baler Twine	82
Berry Baskets and Boxes.....	159
Borax.....	26
Test Procedure	27

C

Category A (Category B).....	159
Caulking Compounds.....	49
Certification Requirements for Standards and Test Equipment	7
Chamois	84, 85, 159
Measuring	87
Sample Conditioning	87
Test Equipment	85
Test Methods.....	85
Test Procedure	85, 87
Combination Quantity Declarations	159
Compliance Testing	159
Compressed Gas	
Net Contents	61
Test Equipment.....	62
Count	69, 70, 71, 73

D

Decision Criteria	159
Decreasing-Load Test.....	12
Defoaming agent	35, 38
Delivery.....	159
Deviations Caused by Moisture Loss or Gain ...See Package Requirements	

Dimensionless Units.....	16, 18, 21, 73, 82, 119, 120, 121, 122, 160
Division, value of (d).....	160
Drained Weight.....	28, 160
Encased-in-Ice, Ice Glazed, or Frozen Foods	29
Test Equipment	28
Test Procedure	29
Dry Measure.....	160
Dry Pet Food	160
Dry Tare	See Tare

E

Error	See Packages, Error
Evaluating Results	32, 38, 41, 42, 49, 53, 55, 59, 61, 64, 67, 75, 79, 80, 82, 84, 87, 89
Compliance.....	21

F

Fair Packaging and Labeling Act (FPLA).....	6
Federal Agencies	
Bureau of Alcohol and Tobacco Tax and Trade Bureau (TTB).....	6
Environmental Protection Agency (EPA).....	6
Federal Trade Commission (FTC).....	6
Food and Drug Administration (FDA)	5
U.S. Department of Agriculture (USDA)	5
U.S. Department of the Treasury.....	6
Federal Alcohol Administration Act	6
Firewood.....	65, 66, 67
Boxed	65
Bundles and Bags	67
Crosshatched	66
Evaluation of Results.....	67
Test Procedure	65
Flour	4
Food, Drug, and Cosmetic Act (FDCA).....	6
Forms.....	117
Ice Glazed Package Report.....	125
Ice Glazed Package Report – Example	126
Ice-Glazed Package Worksheet	123
Ice-Glazed Package Worksheet – Example	124
Random Package Report	119
Random Package Report – Example	120
Standard Package Report.....	121
Standard Package Report – Example	122
Worksheet for Determining the Free Liquid and Net Volume of Oysters.....	127, 128
Frozen Foods	29
Encased-in-Ice	29
Ice Glazed.....	29
Ice Glazed Package Report	125
Ice Glazed Package Report – Example	126
Ice-Glazed Package Worksheet	123

Ice-Glazed Package Worksheet – Example..... 124

G

General Tables of Units of Measurement..... 135

Glass Tumblers *See Glassware*

Glassware

Allowable Differences	42
Blown Glass.....	42
Pressed Glass	42
Stemware	42

Glossary **159**

allowable difference.....	159
audit testing.....	159
average.....	159
average error	159
average requirement.....	159
average tare	159
berry baskets and boxes	159
Category A (Category B).....	159
chamois	159
combination quantity declarations	159
compliance testing	159
decision criteria.....	159
delivery	159
dimensionless units	160
division, value of (d)	160
drained weight	160
dry measure	160
dry pet food	160
dry tare difference	160
error	160
gravimetric test procedure	160
gross weight	160
headspace	160
initial tare sample	160
inspection lot	160
label	161
linear measures	161
location of test	161
lot 161	
lot code	161
lot size	161
MAV	161
maximum allowable variation (MAV)	161
measure containers	161
metric or SI units	161
minus or plus errors	161
moisture allowance	161
mulch	162
net quantity or net contents	162
nominal	162
nominal gross weight	162
package error	162
packaged goods	162
petroleum products	162
plus errors	162
principal display panel or panels	162
production lot	162
pycnometer	162
random pack	163

random sampling	163
range	163
reasonable variation	163
rounding	163
sample	163
sample correction factor	163
sample error limit (SEL)	163
sample size (n)	163
sampling plan	163
scale tolerance	163
seat	163
seated capacity	163
SEL	163
shipment	164
slicker plate	164
standard deviation	164
standard pack	164
supplementary quantity declarations	164
tare sample	164
tare sample size	164
tare weight	164
tolerance	164
U.S. customary units	160
unit of measure	164
unreasonable errors	164
unused dry tare	164
used dry tare	164
volumetric measures	165
wet tare	165

Good Measurement Practices..... **6, 10**

Goods Labeled by Capacity **41**

Gravimetric Test Procedure **160**

Basic Test Procedure	13
Checking the Net Contents of Packaged Goods	9
Liquids	34
Test Method	9

Gross Weight..... **160**

H

Headspace..... **160**

Health and Safety..... **6**

I

Ice Cream

Cone	57
Cup	57
Displacement Vessel	56
Evaluating Results	59
Ice Pop	57
Novelties	55, 57
Sandwich	57
Test Equipment	56
Test Procedure	57

Increasing-Load Test..... **12**

Individual Package Requirement *See Package Requirements*

Initial Tare Sample..... **160**

Inspection lot..... **161**

Inspection Lot ..14, 160, See Package Requirement**L**

Label	161
Lacquers	43
Linear Measure, Area, Thickness, and Combinations of Quantities.....	69
Linear Measures	161
Location of Test	161
Lot.....	<i>See Inspection Lot</i>
Lot Code	161
Lot Size	161

M

MAV	<i>See Maximum Allowable Variation</i>
Maximum Allowable Variation	161
Maximum Allowable Variation (MAV)3, 9, 14, 21, 24, 55, 67, 70, 71, 98, 100, See Package Requirements	
Measure Containers	161
Measurement Standards and Test Equipment.6, 9, 28, 34, 43, 49, 56, 59, 62, 70, 76, 80, 82	
Metric Units	161
Milk.....	33
Minus or Plus Errors.....	161
Model Inspection Forms.....	<i>See Forms</i>
Moisture Allowance.....	161
Applying	4
Wet Tare	23
Moisture Allowances	22, 23
Moisture Loss or Gain. See Package Requirements	
Mulch	162
Mulch and Soils.....	53
Specifications.....	54

N

Net Content	162
Compressed Gas Cylinders	61
Net Quantity	162
Net Weight	
Frozen Foods.....	29, 31
Nominal	162
Nominal Gross Weight15, 20, 28, 37, 49, 59, 72, 73, 82, 162	

O

Oysters	59
Evaluation of Results	61
Test Equipment	59
Test Procedure	60
Worksheet for Determining the Free Liquid and Net Volume of Oysters	127

Worksheet for Determining the Free Liquid and Net Volume of Oysters-Example	128
--	-----

P

Package	
Error	160
Package Checking Procedures.....	1
Point-of-pack	1
Retail	1
Wholesale	1
Package Requirements	2
Average Requirement	3
Deviations Caused by Moisture Loss or Gain	3
Exceptions to the Average	3
Exceptions to the Individual	3
Individual Package Requirement	3
Inspection Lot	2
Maximum Allowable Variation (MAV)	3
Moisture Loss or Gain	3
Violation Procedure	<i>See</i>
Packaged Goods	162
Packages	
Aerosol Containers	19
Errors.....	20, 21, 22, 28, 55, 75, 162
Ice Glazed Package Report	125
Ice Glazed Package Report – Example	126
Ice-Glazed Package Worksheet	123
Ice-Glazed Package Worksheet – Example	124
Labeled by Count	69
Labeled by Count of 50 Items or Fewer	69
Labeled by Count of More than 50 Items	69, 70
Labeled by Linear or Square (Area) Measure	80
Labeled by Volume	33
Labeled with 50 Items or Fewer	69
Measure Net Contents	17
Package Requirements	2
Random Package Report	119
Random Package Report – Example	120
Random Sample Selection	16
Standard	20
Standard Package Report	121
Standard Package Report – Example	122
Test Equipment	69
Test Procedures	69
Uncompressed Volume	51
Violation Procedure	72
Paint	43, 44, 46, 47, 49
Paper Plates and Sanitary Paper Products	<i>See</i>
Paper Products	
Evaluation of Results	75
Paper Plates	74
Sanitary Paper Products	74
Test Equipment	74
Test Procedure	74
Pasta Products	23, 24
Peat Moss.....	51
Test Procedure	51
Pet Food.....	4, 23, 160

Petroleum Products	162
Plus Errors	See Minus or Plus Errors
Point-of-pack1, See Package Checking Procedures	
Point-of-sale.....	2
Polyethylene Sheeting.....	75
Average Thickness.....	80
Individual Thickness.....	80
Test Equipment.....	76
Test Procedure	76
Pressed and Blown Glass Tumblers and Stemware	42
Pressed Glass.....	See Glassware
Principal Display Panel or Panels	162
Product Testing.....	2
Production Lot	162
Pycnometer.....	162

R

Random Number Tables	17
Random Pack	163
Random Sample Selection.....	16
Random Sampling	163
Range	163
Reasonable variation	3
Reasonable Variation	163
Recordkeeping	15
Recording Data	15
Regulatory Agencies Responsible for Package	
Regulations and Applicable Requirements	5
Retail.....	See Package Checking Procedures
Return to Zero	13
Rounding	163

S

Safety	See Health and Safety
Sample	163
Correction Factor	163
Error limit (SEL).....	4
Error Limit (SEL).	163
Random.....	16
Size (n).....	163
Tare	18
Sampling	
Plan	5, 14, 15, 18, 22, 163
Audit Test.....	5
Scale Tolerance	163
Scales	
Accuracy	9
Class of Scales	11
Decreasing-Load Test	12
Gravimetric Test Method	9
Increasing-Load Test	12
Return to Zero	13
Shift Test.....	12
Tolerances	10
Verification	12

Scope

For Packages Labeled by Volume	33
General Information	1
Test Procedures – Packages Labeled by Count, Linear Measure, Area, Thickness, and Combinations of Quantities.....	69
Seat.....	163
Seated Capacity.....	163
Seed	
AOSA Rules for Testing Seeds – Section 12	
Mechanical Seed Count	133
AOSA Rules for Testing Seeds – Section 2	
Preparation of Working Samples	129
Association of Official Seed Analyst (AOSA) ..	129, 133
Labeled by Count	88
SEL	See Sample:Error Limit (SEL)
Shift Test.....	12
Shipment.....	164
SI Units	161
Slicker Plate	164
Special Test Requirements for Packages Labeled by Linear or Square Measure (Area)	75
Standard Deviation.....	164
Standard Pack.....	164
Stemware	See Glassware
Supplementary Quantity Declarations	164

T

Tare

Determination of.....	19
Dry Tare	160
Initial Tare Sample	160
Procedure	
Aerosol Containers	19
Determination of.....	17, 18
Unused Dry	17
Used Dry	17
Vacuum Packed Coffee	20
Wet Tare	17
Sample	164
Sample Size	164
Unused Dry	19, 164
Used Dry	18, 164
Weight	164
Wet	165

Test Equipment

Firewood	65
Linear or Square (area) Measure	80
Test Procedure	
Baler Twine	82
Borax	27
Chamois.....	85
Cylinders Labeled by Volume	64
Cylinders Labeled By Weight	63
Drained Weight	29
Encased-in-Ice Product.....	30
Field (Retail) Auditing	44
Goods Labeled by Capacity	
Volumetric Test Procedure	41

Gravimetric Test/Liquids	34	Test Equipment	52
Headspace Test	41	Test Procedure	52
Ice Cream	57	Unit of Measure	42, 164
Ice-Glazed Product	31	Unreasonable Errors	164
Mayonnaise, Salad Dressing, and Water Immiscible Products with no Smooth Level Surface	40		
Oils, Syrups, and other Viscous Liquids with a Smooth and Level Surface	39		
Packages Labeled by Volume	33		
Paint, Lacquers, Varnish	44		
Polyethylene Sheeting	76		
Pressed and Blown Glass Tumblers and Stemware	42		
Volumetric Test	38		
Testing Viscous Materials			
Caulking Compounds and Pastes	49		
Tolerance	164		
Traceability	6		

U

U.S. customary units	160
Uncompressed Volume Packages	52
Evaluation of Results	53

Test Equipment	52
Test Procedure	52
Unit of Measure	42, 164
Unreasonable Errors	164

V

Varnish	43
Volumetric measures	165
Volumetric Measures	
Ice Cream	56
Volumetric Test Procedure	
Goods Labeled by Capacity	41
Liquids	33, 37
Other	38
Packaged Firewood	65

W

Wet Tare	165
Wholesale	1, See Package Checking Procedures

THIS PAGE INTENTIONALLY LEFT BLANK