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Date:		Ra	ndon	1 Packag	e Report		Sampling Plan:				lumber:			
Location (name, addres	s):		Prod	uct/Brand Id	lentity:			Manufact	urer:		Container Description:			
			Lot C	Codes:										
1. Labeled Quantity:	2. Unit of N	Measu	ıre:	3. MAV:	(Look up the	MAV fo	or each	n package	5. Inspect	ion Lot Size:	6. Sample Size (n):			
(Enter weight for each					us error (–), conter this value									
package in Column 1 below.)				below.)	mer mis value	in the r	50X 4 (column						
7. Initial Tare	8. Number	of M.	AVs	9. Range	of Package	10. R	Range	of Tare	11. Rc/Rt	: 12. Total N		l No. of Tare		
Sample Size:	Allowed:			Errors (Re	e):	Weig	hts (R	t):	(Box 9 ÷ B	ox $10 =)$	Samples	Samples:		
13. Avg. Tare Wt:				I		13a.	Пт	are Correct	ion			inal Gross Wt:		
								Moisture All			(Labeled V 13a=)	Vt + Box 13 - Box		
☐ Used Dry Tare ☐	Wet Tare		Unuse	d Dry Tare				Not Applicat	ole		154)			
	Pkg 1		kg 2	Pkg 3	Pkg 4	Pkg	g 5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10		
a. Gross Wt														
b. Tare Wt c. Net Wt														
d. Package Error														
u. Fackage Effor						Б				D 1 E		4. MAV		
Product Descri	intion Lat Co	odo II	Init Dui		Money	Errors	-	4	umn 1 led Net	Package E	rrors	Dimension-		
Froduct Descri	ipuon, Lot Ct	bue, C	int rii	ce	_	+			eight	_	+	less		
1.												Units		
2.														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
11.														
13.														
14.														
15.														
16.														
									Totals					
15. Total Error:	16. Numbe minus (–) e				17. Is Box	_	ter tha	an Box 8?	18. Avg. err		19. Avg.	error in nits: (Box 18 ×		
	package erro				☐ Yes, lot		10		(Box 15 ÷ Bo		Box 2 =)	mits. (Box 16 ^		
	Column 4.)		_		- 78				·		L			
20. Does Box 18 = zero (+)?	(0) or Plus			ite Sample Deviation:	22. Sample	Corre	ction I	factor:	23. Comput	te Sample Error I	.imit: (Box	$(21 \times Box 22 =)$		
Yes, lot passes, go to	Box 25	Star	iiuai u i	oc viacion.										
No, go to Box 21														
24. Disregarding the sig	gns, is Box 18	large	r than	Box 23?			25. 1	Disposition o	of Inspection	Lot:				
☐ Yes, lot <u>f</u> a	ails, go to Box	25	□ No,	lot passes, go	o to Box 25			[Approved	ı [Rejecte	d		
Comments:							Offic	cial's Signat	ure:					
						-	Ackı	nowledgeme	nt of Report:					

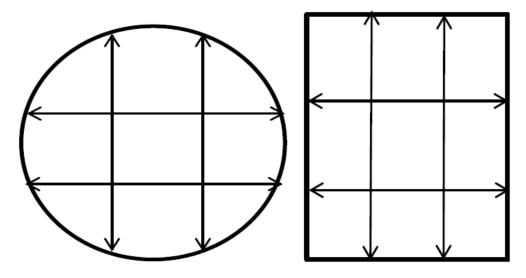
Date: January 20, 2010 Random Package Report –					nple Sampling Plan: 🗹 A 🗆 B					mber:	
Location (name, addres	s):	Product/B	rand Identi	ty:		Manufac	turer:		Container	Description:	
L&O Market	,	Ground C		•		Meat De	pt L&O M	larket		/soaker and	
MacCorkle Ave.		Lot Codes	:						plastic wro	ар	
Charleston, WV 2517	1	1, 19, 99									
1. Labeled Quantity:	2. Unit of M	leasure:		(Look up the				tion Lot Size:	6. Sample	Size (n):	
(Enter weight for each package in Column 1	0.00	1 <i>lh</i>		nus error (-), c enter this value			3	23		12	
below.)	0.00	1 10	below.)							12	
7. Initial Tare	8. Number	of MAVs		of Package	10. Range		11. Rc/Rt		12. Total No. of Tare		
Sample Size:	Allowed:)	Errors (R	(c): 10	Weights (R	(t): 1	$(Box 9 \div B)$	30x 10 = 10	Samples:	2	
13. Avg. Tare Wt:		•		10		Tare Corre	rtion	10	14. Nomin	al Gross Wt:	
	0.02	0 lb				Moisture Al			,	+ Box 13 - Box	
Used Dry Tare	Wet Tare	☐ IInus	ed Dry Tar	e	$\overline{\checkmark}$	Not Applica	able		13a=)	Wt + 0.020 lb	
2 esca bry rare	Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg 5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10	
a. Gross Wt	1.852 lb	1.223 lb	,	, ,	,	.,		V		, and the second	
b. Tare Wt	0.020 lb	0.021 lb									
c. Net Wt	1.832 lb	1.202 lb									
d. Package Error	-18	-8				-					
Product Descri	intion Lat Co	do Unit Duia		Money	Errors		lumn 1 eled Net	Package	Errors	4. MAV Dimensionless	
Product Descri	ipuon, Lot Co	de, Unit Pric	e	_	+		eieu Nei /eight	-	+	Units	
1. Ground Chuck – 1,	19. 99 – \$1.	79 per lb					85 lb	18			
2.		<i>P</i>					21 lb	7			
3.						1.	56 lb	8			
4.						1.	98 lb	14			
5.				\$ 0.04			07 lb	23		44	
6.							55 lb	16			
7.				0001		ł	1.02 lb				
8.				\$ 0.04		1.44 lb 1.33 lb		25		56	
9.							03 lb	16 20		70	
11.						1	73 lb	14		70	
12.							16 lb	11			
13.											
14.											
15.											
16.						<u></u>		1			
15 T-4-1F	16 N 3	£	-kl-	17 I D	16 1	D- 00	Totals		10. 4		
15. Total Error:		r <mark>of unreaso</mark> r rors: (Comp		Yes, lot	16 greater the	an Box 8?	18. Avg. er dimensionle			rror in labeled x 18 × Box 2 =)	
- 174	package erro	r with the M		✓ No, go t			(Box 15 ÷ B	ox 6 =)		,	
	Column 4.)	0			IO DOX 10		-	- 14.5	_	0.014 lb	
20. Does Box 18 = Zero	(0) or Plus	21. Comp	ute	22. Sample	Correction 1	Factor:	23. Compu	te Sample Error	Limit: (Box 2	1 × Box 22 =)	
<u>(+)?</u>		Sample St	andard	-					`	,	
Yes, lot passes, go to	Box 25	Deviation:			0.635			4	.267		
☑ No, go to Box 21	. D. 10	6.7			25 D:	er					
24. Disregarding the sig	gns, is Box 18	larger than I	30x 23?		25. Dispos	ition of Insp	pection Lot:				
✓ Yes, lot fails, go to Box 25 No, lot passes, go to Box 25				go to Box 25			☐ Approve	d 🗹	A Rejected		
Comments					Official's S	ignature:					
						gement of	Report:				
1					<u> </u>						

Date:		Standard Package Repor					t	Sampling Plan: \square A \square B					Re	port Ni	umber:	
Location (name, ad	ldress	s):			I	Produc	t/Brand Id	entit	y:	Manu	factu	rer:		Co	Container	
														De	escriptio	n:
					_	Lot Co	dosi									
l					1	LUI CU	ues.									
1. Labeled Quantit	ty:	2. Unit of M	easur	e:	3	3. MA	V:		MAV (dimerits):	nsionless	5	5. Inspectio	5. Inspection Lot Size:			e Size (n):
									ox $3 \div Box 2$	=)						
7. Initial Tare		8. Number o	f MA	Vs). Ran			Range of T					12. Total Number of		
Sample Size:		Allowed:				Packag Rc):	e Errors	(R	t):			(Box 9 ÷ 10	=)	Ta	re Sam	ples:
13. Average Tare	W/+.					· · ·	7 m . c					14 Nomine	al Gross Wt:			
13. Average rare	W L.				1	13a. ∟ ⊺	□ Tare Co □ Moistuı						x 13 – Box 13a	=)		
☐ Used Dry Tare	п .	Not Tana	(I mm a)	d Dw. Ta	•	Ī	□ Wolstun □ Vacuun									
□ Used Dry Tare		wet lare	Unuse	u Dry 1a			Not App	olica					1			
		Pkg 1	P	kg 2	Pkg	g 3	Pkg 4		Pkg 5	Pkg	6	Pkg 7	Pkg 8	Pk	g 9	Pkg 10
a. Gross Wt b. Tare Wt																
c. Net Wt																
d. Package Error																
-		+	T				+		_			+	_			+
1.		•	13				•		25.			•	37.			
2.			14.						26.				38.			
3.			15.						27.				39.			
4.			16	· · · · · · · · · · · · · · · · · · ·					28.			40.				
5.			17	•					29.				41.			
6.			18						30.				42.			
7.			19						31.				43.			
8.			20						32.			44.			<u> </u>	
9.			21						33.		45.					
10.			22						34.		46.					
11.			23							35.		47.			₩	
12. Total:	Tot	al.	24	tal:		Tot	al.		36. Total:		Tota	al.	48. Total:		Total	
	100															
15. Total Error:		16. Number (compare eac							. Is Box 16 g ox 8?	reater th	ıan	18. Average dimensionle			Averag eled uni	ge error in
		(compare cae	cii pac	.Kage err	oi witi	прох	.,.	В	Yes, 1	ot fails		(Box 15 ÷ Bo				Box 2 =)
									No, go to Bo			,	,			
20. Does Box 18 = 2	Zero	(0) or Plus (+))?	21. Co	mpute	Sampl	le	22.	. Sample Co				te Sample Erro	r Limi	t:	
Yes, lot passes, g	o to	Box 25		Standa	rd Dev	/iation:	:	Fa	ctor:			(Box 21 × B	Sox 22 =)			
\square No, go to Box 21		30.1.20		İ												
24. Disregarding th		ns, is Box 18 l	arger	than Box	x 23?			l	25. Dispo	sition of	Inspe	ection Lot:				
☐ Ves lot	faile	, go to Box 25	Г	No. lot	t nacce	s ao to	Box 25				Appro	nved	☐ Reje	etad		
Comments:	14113	, 50 to Dox 23		110, 101	passe	<u>,</u> 50 10	DOX 23		Official's			u	— Кеје	···u		
Commens																
									Acknowle	dgemen	t of R	eport:				
								9								

Date: January 20, 2010		Standard Package Report – Exa						amp	ole		Sampling Plan: 🗹 A 🗌 B]	Report Number: 16	
Location (name, add	dress):			Prod	luct/Bran	d Ide	entity:				Manufa	ctui	er:		- (Containe	er
Volunteer Market				Com	munity (Group	p Cookies (T	Thin I	Mints)		ABC Co		ies Inc. ol Avenue			Descripti Cardho	ion: ard Box/
18765 Alcoa High Knoxville, TN 379				Lot (Codes:								TN 37204			Carabo Plastic .	
Knoxville, IN 3/9	20				l 2009 A	ρD						ĺ					2,,,,,,
				_	1 2009 A												
1. Labeled Quantity	y: 2.	Unit of	Measure	e:		3.	MAV:	4. I	MAV (dim ts):	ens	sionless		5. Inspe	ction Lot Size:	(6. Sample Size (n):	
453 g (1 lb)			0.001				0.044 lb	,	$x 3 \div Box 2$		/			172			12
7. Initial Tare Sample Size:	8.	Number	r of MA	Vs All	owed:		Range of ckage	10. (Rt)	Range of Tare Weights 11. Rc/Rt: (Box 9 ÷ 10 =)				12. Total Tare San	Number of			
Sample Size.							rors (Rc):	(Kt)						Tare San	upies.		
2			0				24		2 12						2		
13. Average Tare V		1 4 11				13a	_	Correction 14. Nominal Gross Wt:									
	0.01	14 lb							e Allowance (Box 1 + Box 13 - Box 13a =) 1.014 lb								
Used Dry Tare	□ Wet 7	Tare [Unus	sed Dr	y Tare		☐ Vacuu										
	DI.	1	DI		DI	,	Not A				Dl (DI 7	DI 0			DI 10
a. Gross Wt	1.052	εg 1	Pkg 1.026		Pkg	3	Pkg 4		Pkg 5		Pkg 6		Pkg 7	Pkg 8	P	Pkg 9	Pkg 10
b. Tare Wt	0.01		0.013														
c. Net Wt	1.03		1.013														
d. Package Error	3		13														
-		+		-	-		+		-				+	-			+
1.		38	13.						25.					37.			
2.		<i>12</i> 14.						26.					38.				
3.		8 15.					27.						39.				
4.		4	16.					28.						40.			
5. 3			17.					29.						41.		\bot	
6. 2		- 10	18.				30.						42.		+-		
7.		12	19.				31.			43.							
8. <i>3</i> 9.			20. 21.						32.					_			
10. 1		4	22.						34.					45. 46.			
11. 0			23.						35.					47.			
12.		6	24.						36.				48.		+		
Total:	Total:		_	tal:		To	otal:	-+	Total:		Т	`ota	l:	Total:		Tota	l:
9		84															
15. Total Error:					able min			17. Box	Is Box 16	gre	eater thar	1	18. Averag	ge error in		9. Avera ibeled un	ge error in
+ 75	(co	ompare o	eacn pac	_	error wit ()	п вох	(4):	_	Yes, lot fa	aile			(Box 15 ÷ I			Box 18 × 1	
,,,									No, go to !		='			6.25			006 lb
20. Does Box 18 = 2	Zero (0) o	or Plus ((+)?	21. (Compute	Sam	ple		Sample C				23. Compt	ıte Sample Eri	or Li	mit:	
			` /		dard Dev				etor:				(Box $21 \times I$				
Yes, lot passes, g		25															
24. Disregarding th		is Roy 1	8 larger	than I	Rox 239				25 Di	sno	sition of	Incr	ection Lot:				
24. Disregarding th	e signs, i	IS DOX I	o iai gei		BOX 25.				23. Di	spo	osition of	11131	ection Lot.				
☐ Yes, lot	fails, go t	to Box 2	.5 	□ No,	lot passes	, go t	o Box 25				V A	App	roved	□ R	ejecte	d	
Comments:									Officia	ıl's	Signatur	e:					
Lot Passes																	
								Acknowledgement of Report:									

Date:	Standard Pa Anima	ackage Repo	ort –	Sampling Plan A – Tab A. in NIST Handbook 1	Report Number:			
Location (na	me, address):	Product/Br Identity:	and	Manufacturer:		Container Description:		
		Lot Codes:						
1. Labeled Quantity	2. Unit of Measure:	3. MAV: (5 % of labe	eled	4. MAV: (0.05 × Box 1. Usable	5. Inspection Lot Size:	6. Sample Size (n):		
(Usable Volume):		quantity)		Volume)		7. Number of Unreasonable Package Errors Allowed for Sample Size:		
Gross Weigl	nt for Audit Testing	Packag –	ge Error +		Test Notes			
1.								
2.								
3.								
4.								
5.								
6. 7.								
7.								
	8.							
9.								
10.								
11. 12.								
12.		m + 1						
		Total:	Total:					
8. Total Error:	9. Number of unrea errors (compare eac			10. Is Box 9 greater than Box 7?	11. Calculate Average Error: (Box 8 ÷ Box 6 =)			
	Box 4):	L		☐ Yes, lot fails go to	(==== ,			
				Box 17 ☐ No, go to Box 11.				
12. Does Box Plus (+)?	x 11 = Zero(0) or	13. Compu Standard D	-	14. Sample Correction Factor:	15. Compute Sai (SEL): (Box 13 >	•		
	asses, go to Box 17 Box 13, 14, 15 & 16							
16. Disregar	ding the signs, is Box	11 larger tha	nn Box 15?	17. Disposition of Insp	ection Lot:			
	ils, go to Box 17 ses, go to Box 17			☐ Approve	e □ Rej	ect		
Comments:				Official's Signature:				
				Acknowledgement of Report:				

Measurement Grid and Package Error Worksheet for Cylindrical and Square or Rectangular Test Measures



Complete this for Cylindrical Test Measures									
Sample Package Labeled Expanded Volume (L):									
A. Interior Height of Test Meas	ure:	B. Radius of Tes	t Measure (1	·):					
C. Average Depth (Sum of Measurements ÷ 9):									
D. Average Height of Product (D. Average Height of Product (= A – C):								
E. Volume (L):	$= 3.14159265 \times r^2 (B^2)$:	× D:		÷ 1 000 000					
F. Package Error (L):	= Labeled Volume (L):	E (L):						
Volume is calculated using: Volume in liters = $\pi r^2 h$ For example: if r^2 is 23035 and height of product is 109.26 then ((Pi) 3.14159265 × r^2 (23035) × 109.26) ÷ 1 000 000 = 7.90 L									

	Complete this for Square or Rectangular Test Measures									
Sample Package	Labeled Expanded Volume (L):									
A. Interior Height of Test	Measure: B. Area of Test Me	asure Base (L × W):	:							
C. Average Depth (Sum o	of Measurements ÷ 9):									
D. Average Height of Product (= A – C):										
E. Volume (L):	= B. Area of Test Measure Base:	× D:	÷ 1 000 000							
F. Package Error (L):	= Labeled Volume (L):	– E (L):								
_	: Volume in liters = (lw)h For example: If le If the Average Height of the Product is 109.2	~	609.6 the area of the							
* Area of Test Meas	ure Base (371612) × Average Height of Bedd	ling (109.26) ÷ 1 00	0.000 = 40.6 L							

(Added 2016)

Ice Glazed Package Worksheet

1. Package Price (if standard pack) \$ _____ Price Per Pound (if random pack) \$ _____

STEP

	Lot Size:	_ Sample Size:	Unit of Measure: _	
2.	Number each package. Weigh	each package for the G	iross Package Weight and	enter in Row 1.
3.	Enter Labeled Net Weight in Ro	ow 2. (If dual units de	termine the larger unit.) _	
4.	Record the Maximum Allowabl	e Variation (MAV) in	Row 3.	
5.	Weigh the receiving pan =	(enter in	Row 4). (Clean and dry t	he receiving pan and verify the
	weight after each use. Tho	roughly clean the sieve	e.)	
6.	Deglaze the product. Remove	each package from the	low temperature storage.	Open the package immediately
	and place the contents in the si	eve or other draining of	device (e.g., colander) und	er a gentle spray of cold water.
	Carefully agitate the product.	Handle with care to av	void breaking the product.	Continue the spraying process
	until all the ice glaze that is seen	n or felt is removed.		
7.	Without shifting the product, in	cline the sieve to an a	ngle of 17° to 20° (incline	to facilitate drainage) and drain

8. Immediate transfer the entire product to the receiving pan to determine the net weight							
	ŀ	n to determine the net weight	receiving nan to	product to the	rancfer the entir	Immediate t	Q

for two minutes using a stopwatch.

- 9. To calculate the net weight (receiving pan and product) (receiving pan) = Net Weight (enter in Row 5)
- 10. Calculate ± Package error (net weight [Row 5] labeled net weight [Row 2]) = ± Error, (enter in Row 6).

Row	Package	1	2	3	4	5	6	7	8	9	10	11	12
1	Gross Pkg. Weight (Step 2)												
2	Labeled Net Weight (Step 3)												
3	MAV (Step 4)												
4	Receiving Pan Weight (Step 5)												
5	Net Weight (Step 9)												
6	± Error (Step 10)												

Used Dry Tare

Transfer data from the "Ice Glazed Package Worksheet" to the "Ice Glazed Package Report" (Added 2010)

Ice Glazed Package Worksheet - Example

STEP

1.	Package Price	(if standard p	ack) \$	6.99 Pri	ce Per Po	ound (if random pack)	\$	
		Lot Size:	6	Sample Size:	6	Unit of Measure:	0.001 lb	

- 2. Number each package. Weigh each package for the Gross Package Weight and enter Row 1.
- 3. Enter Labeled Net Weight in Row 2. (If dual units determine the larger unit.) 1 lb/453 g
- 4. Record the Maximum Allowable Variation (MAV) in Row 3.
- 5. Weigh the receiving pan = <u>0.795 lb</u> (enter in Row 4). (Clean and dry the receiving pan and verify the weight after each use. Thoroughly clean the sieve.)
- 6. Deglaze the product. Remove each package from the low temperature storage. Open the package immediately and place the contents in the sieve or other draining device (e.g., colander) under a gentle spray of cold water. Carefully agitate the product. Handle the product with care to avoid breaking the product. Continue the spraying process until all the ice glaze that is seen or felt is removed.
- 7. Without shifting the product, incline the sieve to an angle of 17° to 20° (incline to facilitate drainage) and drain for two minutes using a stopwatch.
- 8. Immediately transfer the entire product to the receiving pan to determine the net weight.
- 9. To calculate the net weight (receiving pan and product) (receiving pan) = Net Weight (enter in Row 5)
- 10. Calculate ± Package error (net weight [Row 5] labeled net weight [Row 2]) = ± Error, (enter in Row 6).

Row	Package	1	2	3	4	5	6	7	8	9	10	11	12
1	Gross Pkg. Weight (Step 2)	1.180	1.205	1.110	1.150	1.000	1.210						
2	Labeled Net Weight (Step 3)	1.000	1.000	1.000	1.000	1.000	1.000						
3	MAV (Step 4)	0.044	0.044	0.044	0.044	0.044	0.044						
4	Receiving Pan Weight (Step 5)	0.795	0.795	0.795	0.795	0.795	0.795						
5	Net Weight (Step 9)	0.985	0.975	1.000	1.030	0.930	0.980						
6	± Error (Step10)	-0.015	-0.025	0	+0.030	-0.070	-0.020						

Used Dry Tare 0.025 lb

Transfer data from the "Ice Glazed Package Worksheet" to the "Ice Glazed Package Report" (Added 2010)

Date:		I	ce Glaze	d Package	e Rej	port			Samplii	ng Plan	:	A □ B		Rep Nun	ort ıber:
Location (name, address	s):		Prod	uct/Brand Ide	entity:				Manufa	cturer:					tainer
			Lot (Codes:										Desc	cription:
1.64 1.15 1.41		1 2 XI ·	CNA				#AX7 Y :	1 .1	N	1	1	1.5.			
1. Standard Pack Labe Quantity:		2. Unit	of Measur	e:		with	MAV: Loo					5. Inspe Lot Size:		6. S Size	ample (n):
(If random packed, enter veach package in Column						colu	mn below.								
7. Price per lb:		1				1								8. N MA	lo. of
7a. Standard Pack: Pac 7b. Random Pack: Lab		per lb	divide	by (Box 1) =											wed:
	Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg	5	Pkg 6	Pkg '	7 Pk	kg 8	Pkg 9	Pkg 10	Pkg	11	Pkg 12
Pkg. Gross Wt															
a. Labeled Net Wt	peled Net Wt														
b. Gross: Rec. Pan & deglazed															
product Wt c. Tare:															
Rec. Pan Wt															
d. Net Wt: (Box b – Box c=)															
e. Package Error: (Box d – Box a =)															
Dookogo	Colum					Packa	ge Errors				MAV		<u> </u>		
#	Labeled Net (random pa			-	-			+		Dii	mensionle	ess Units			
1 2												-			
3															
5															
6															
7 8															
9															
10															
11 12															
Totals				f.			g.								
9. Total Error: (add Row e or Box f +	10. Num	ber of Uni	reasonable	Minus (–) Ern th the MAV in	rors:	11. Box	Is Box 10 g 8?	greater t	than	12.	Avg. Err	or: (Box 9 ÷	Box 6 =	:)	
g)	Box 4 col						Yes, lot fai	<u>ls</u>							
							No, go to I								
13. Does Box 12 = Zero (0) or Plus (+)? Yes, lot passes, go to Box 18 14. Compute Sample Standard Deviation:							Sample Co	orrection	n Factor:		Compute x 14 × Bo	Sample Err	or Limi	t:	
Yes, lot passes, go to No, go to Box 14	Box 18											,			
17. Disregarding the sig	ns, is Box 1	2 larger t	nan Box 16	?		18.	Disposition	n of Insp	ection L	ot:		19. Econom	nic Impa	ict:	
Yes, lot <u>fails</u> , go to Bo							Approved		Reject	ted		(Box 12 × E	$3 \times 7 \times 1$	Box 5	=)
No, lot passes, go to l	Box 18						cial's Sign								
Commence.															
							nowledgen	nent of I	Report:						

Date: January 20	0, 2010			Ice Gl			ge Report -		mple	e	Samplin		☑ A	□в	Nu	port mber: 103
Location (n Ocean Fre 101 8 th Stre Key West,	sh Market eet				Raw		rand Identity: ed Shrimp 71		Count		Manufa Ocean				De	ntainer scription: astic
1. Standard Quantity: (If random p	d Pack La 453 g (1 l	(b)	ght for	2. Unit	t of Measur	e:		with		ıs (–) erro	ne MAV for r, enter value			5. Inspectio Lot Size:		Sample ze (n):
each packag	e in Colum				0.00	01 lb				(0.044 lb			6		6
7. Price per7a. Standar7b. Randor	rd Pack: F				_divide by (Box 1)= <u>\$ 6.99</u>	_							M	No. of AVs lowed 0
		Pk	κg 1	Pkg 2	Pkg	3	Pkg 4	Pkg 5	5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10	Pkg 1	
Pkg. Gross	Wt	1	180	1.205	1.10	00	1.150	1.000	0	1.210						
a. Labeled	Net Wt	1.0	000	1.000	1.00	00	1.000	1.000	0	1.000						
b. Gross: Rec. Pan & product Wt	deglazed															
c. Tare: Rec. Pan Wt	t 0.795 0.795 0.795 0						0.795	0.795	5	0.795						
d. Net Wt (Box b – Bo	ox c=)	· · · · · · · · · · · · · · · · · · ·				00	1.030	0.930	0	0.980						
e. Package (Box d – Bo		a =)			5 0		+ 0.030	- 0.07		- 0.020		_				
Package #			Columi eled Net ndom pac	Weight			_	Packag	ge Err	ors +		4.	MAV ensionles			
1																
3														_		
4																
5																
6																
7 8																
9																
10																
11																
12 Totals						f.			g.							
9. Total Er	ror:	Ţ.	a N	nher of I	Unreasonab		nus (–)	11. Is		10 greate	r than	12. Avs	. error:	(Box 9 ÷ Box	6=)	
(add Row e	or Box f+	g) [Errors:	(compare	e each packa	ge err	or with the	Box 8		J			•	•	•	
- 0	0.100		MAV in	the Box 4	column)			_		ot <u>fails</u> o to Box 1	2			- 0.016		
13. Does Box 12 = Zero (0) or Plus (+)? Yes, lot passes, go to Box 18 No, go to Box 14 14. Compute Sample Standard Deviation:							15. 8	Sampl	e Correct	ion Factor:		npute Sa × Box 1	ample Error I 5 =)	imit:		
17. Disrega	rding the	signs.	is Box 12	2 larger f	han Box 16	?		18. I	Disnos	ition of Ir	spection La	 ot:	1	9. Economic I	mpact:	
☐ Yes, lot	fails, go to	Box 1	8						_	Approved	•	Rejected	0	Box 12 × Box - 0.016 × 3	7 × Box 5	*
Comments:								Offic	cial's S	Signature:	:					
Product four	valuct found to contain less than the stated net contents. Failed due to MAV									lgement o						

Date:		Determining the Free Liquid and Net Volume of Oysters Worksheet Report Number:										
Location (name, address	s):		Product	t/Brand Id		isheet	Manufa	cturer:		Contain		
			Lot Cod	los			_			Descript	ion:	
			Lot Cot	ics.								
1. Labeled Quantity:	2. Unit of M	leasure:	3. Inspe	ection Lot	Size:			4. Sampl	e Size:			
					of Free Lie Values	quid						
Steps:		Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg 5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10	
1. Weight of Dry Receiv	ving Pan											
2. Gross Weight of Paci	kage											
Reference Temperature 7 °C (± 1) [45 °F (± 2)]	of Oysters											
3. Tare Weight of Pack	age											
4. Net Weight of Oyster (Step 2 – Step 3 =)	rs & Liquid											
5. Weight of Receiving Drained Liquid	Pan and											
6. Weight of Free Liqui (Step 5 – Step 1 =)	id											
7. Percentage (%) of Fr (Step 6 ÷ Step 4 × 100 =)												
				Net	Volume							
 Test the oysters at the Establish the level of t Empty and dry the pac Refill the package with Record the amount of 	fill of the packath kage. h water to the l	age using a evel of the	depth gage. depth gage.		otain the tot	al volume i	n the packa	ıge.				
Amount of Free I	Liquid						•	into Packa				
0.77.100		Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg 5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10	
8. Flask Size												
9. Flask Size												
10. Graduate or Cylindo												
11. Graduate or Cylindo	er											
12. Total (8 + 9 + 10 =)												
Comments:												

Date:		Dete	ermining	the Free	Liquid a	nd Net V	Volume			Report N	umber:
December 20, 2013			of Oyst	ers Wor	ksheet – l	Example	e			1 0	f 2
Location (name, add	ress):		Product/B	rand Ident	ity:		Manufac	turer:		Container	
Superchain Market			World's Be	est Oysters -	– Oyster Sto	andard		Best Packing		Description	
Main Street			Lot Codes	:			Beach Ro	ad, AL		Clear Plas	
Bradenton, FL				12/26/2						wiin meiai	рин юр
1. Labeled	2. Unit of Meas	sure:	3. Inspect	ion Lot Siz	e:			4. Sample	Size:		
Quantity:	0.001 lb				207				,	2	
12 fl oz (355 ml)					206				1	2	
			A	mount of Val	Free Liqu lues	iid					
Steps:		Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg 5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10
1. Weight of Dry Re	ceiving Pan	11.841	11.841	11.841	11.841	11.841					
2. Gross Weight of I	Package	0.871	0.884	0.920	0.869	0.8632					
Reference Temperat 7 °C (± 1) [45 °F (± 2)		44 °F	46 °F	44 °F	47 °F	45.5 °F					
3. Tare Weight of Pa	nckage	0.060	0.060	0.060	0.059	0.060					
4. Net Weight of Oy (Step 2 – Step 3 =)	. Net Weight of Oysters & Liquid				0.81	0.803					
5. Weight of Receivi Drained Liquid	12.020	12.121	12.120	12.031	12.242						
6. Weight of Free Li (Step 5 – Step 1 =)	0.179	0.28	0.279	0.19	0.401						
7. Percentage (%) of	_	22.0/	22 0/	22.0/	22.0/	40.9/					

Net Volume

23 %

49 %

32 %

- 1. Test the oysters at the temperature of 7 °C (\pm 1) [45 °F (\pm 2)]. 2. Establish the level of fill of the package using a depth gage.
- 3. Empty and dry the package.

 $(Step 6 \div Step 4 \times 100 =)$

- 4. Refill the package with water to the level of the depth gage.
- 5. Record the amount of delivered water and then sum the quantities to obtain the total volume in the package.

33 %

22 %

Amount of Free Liquid		Quantity of Water Delivered into Package										
	Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg 5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10		
8. Flask Size												
9. Flask Size												
10. Graduate or Cylinder												
11. Graduate or Cylinder												
12. Total (8 + 9 + 10 =)												

Comments:

Inspector:					[~] hittorlir	rge Workek	neet - Category A					
Date:				`		_	e Determinations)					
Packe	r:			Lot Code:			Drain Pan Tare:	Unit of Measur	e:			
				Brand:								
er	Α	В	С	D	Е	S	F	G				
Package Number	Labeled Net Weight	Package Gross Weight	Package Tare Weight	Actual Package Net Weight B-C=	Packaş Erroi D – A	$ \frac{1}{\text{f Error } Exc} $ $ \text{MAV} = \text{Fg} $	Purged Net Wt Weight of Drained Chitterlings (or Purged Liquid) and Drain Pan – Drain Pan Tare =	Purge % (<u>A - F)</u> × 100				
1									%			
2								(%			
3	3											
4	4 %											
5												
6							(%				
7									%			
8								(%			
9									%			
10									%			
11									%			
12									%			
	er of Unreaso	onable	E1 – Total				G1 – Total Purge:	(%			
	s Allowed:		E2 – Avera	ge Error : (E1 ÷ n =)			G2 – Average Purge: $(G1 \div n =)$	(%			
Table	2-9. MAV:		G3 – Adjus	ted Average P	urge: (G2	2 – Purge Sar	mple Error Limit [PSEL]	=)	%			
the MA sample Disrega	NET WEIGHT COMPLIANCE: (1) If any of the minus package errors (see Column E) exceed the MAV, the sample fails. (2) If none exceeds the MAV and the Average Error (E2) is a positive number, the sample passes. (3) If the Average Error (E2) is a minus number, calculate the sample standard deviation and enter it below. (4) Use the Sample Correction Factor (SCF) to calculate the Sample Error Limit (SEL). (5) Disregarding the signs, (a) if the Average Error (E2) is larger than the SEL, the sample fails or (b) if the Average Error is less than the SEL the sample passes.											
Standa	ard Deviation	1:	× 0.635 (SC	(F) =	(SEL)		☐ Passed	☐ Failed				
passes. Correct obtain	PURGE COMPLIANCE: MAVs are not applied in the purge test (1) If the Average Purge Error (G2) is less than or equal to 20 %, the sample passes. (2) If the Average Purge Error is greater than 20 %, calculate the sample standard deviation and enter it below. (3) Use the Sample Correction Factor (SCF) to calculate the Purge Sample Error Limit (PSEL) in percent. (4) Subtract the PSEL from the Average Purge (G2) to obtain an Adjusted Average Purge (AAP) and enter that value in G3. (5)(a) If the AAP (G3) is greater than 20 %, the sample fails or (b) if the AAP (G3) is 20 % or less, the sample passes.											
Standa	ard Deviation	ı:	× 0.635 (SC	CF) =	PSEL) l	Purge (G3)	□ Passed	☐ Failed				
Sampl	le Disposition	:										

Inspector S. Inspector Date:					_		Category A - Examplerminations Worksheet)	le			
July 12	2, 2016	_		1		inge Den	,				
Packe	r: Packer 1000 Ro			Lot Code: a			Drain Pan Tare:	Unit of Mea	sure:		
		gTown, USA		Brand: Allb	orand		0.997 lb	lb			
ər	Α	В	С	D	E	S	F	G			
Package Number	Labeled Net Weight	Package Gross Weight	Package Tare Weight	Package Error $X = X = X = X = X = X = X = X = X = X $		Purged Net Wt Weight of Drained Chitterlings (or Purged Liquid) and Drain Pan – Drain Pan Tare =	Purge 9 $\frac{(A-F)}{A} \times$				
1	5 lb	5.130	0.032	5.098	0.098		4.19	16.2	%		
2		5.160	0.033	5.127	0.127		4.21	15.8	%		
3		5.012	0.032	4.980	- 0.020		4.17	16.6	%		
4		5.170	4.20	16.0	%						
5		5.020	0.033	4.987	- 0.013	4.18	16.4	%			
6		5.102	0.032	5.070	0.070		4.22	15.6	%		
7		5.051	0.033	5.018	0.018		4.24	15.2	%		
8		5.116	0.032	5.084	0.084		4.20	16.0	%		
9		5.120	0.034	5.086	0.086		4.19	16.2	%		
10		5.023	0.032	4.991	- 0.009		4.20	16.0	%		
11		5.122	0.032	5.090	0.090		4.26	14.8	%		
12		5.020	0.033	4.987	- 0.013		4.18	16.4	%		
Numh	er of Unreas	onable	E1 – Total	Error:	0.054 lb		G1 - Total Purge:	191.2	%		
	s Allowed: N		E2 – Avera	nge Error: (E1 ÷ n =)	0.0045 lb		G2 – Average Purge: $(G1 \div n =)$	15.9	%		
Table	2-9. MAV: <i>(</i>	0.0.094 lb	G3 – Adjus	sted Average P	urge: (G2 – P	urge San	nple Error Limit [PSEL]	=)	%		
NET WEIGHT COMPLIANCE: (1) If any of the minus package errors (see Column E) exceed the MAV, the sample fails. (2) If none exceeds the MAV and the Average Error (E2) is a positive number, the sample passes. (3) If the Average Error (E2) is a minus number, calculate the sample standard deviation and enter it below. (4) Use the Sample Correction Factor (SCF) to calculate the Sample Error Limit (SEL). (5) Disregarding the signs, (a) if the Average Error (E2) is larger than the SEL, the sample fails or (b) if the Average Error is less than the SEL the sample passes.											
Standard Deviation: 0.0601×0.635 (SCF) = 0.0382 (SEL) \square Passed \square Failed											
PURGE COMPLIANCE: MAVs are not applied in the purge test (1) If the Average Purge Error (G2) is less than or equal to 20 %, the sample passes. (2) If the Average Purge Error is greater than 20 %, calculate the sample standard deviation and enter it below. (3) Use the Sample Correction Factor (SCF) to calculate the Purge Sample Error Limit (PSEL) in percent. (4) Subtract the PSEL from the Average Purge (G2) to obtain an Adjusted Average Purge (AAP) and enter that value in G3. (5)(a) If the AAP (G3) is greater than 20 %, the sample fails or (b) if the AAP (G3) is 20 % or less, the sample passes.											
Standard Deviation: 2.420×0.635 (SCF) = 1.536 (PSEL) Purge (G3) 18.83% \square Passed \square Failed											
C 1	la Diamagitia-	1: Lot passes	1 - 41 4	<u> </u>	. 3				-		

Inspec	ctor:			C	hitterlings V	Vorksh	eet - Category B				
Date:			(For Use				Plant Net Weight & Pu	rge Determinati	ion)		
Packe	r:			Lot Code:			Drain Pan Tare:	Unit of Meas	ure:		
				Brand:							
ır	Α	В	С	D	E	S	F	G			
Package Number	Labeled Net Weight	Package Gross Weight	Package Tare Weight	Actual Package Net Weight B-C=	Package Error	IF ERROR Exceeds MAV = FAIL	Purged Net Wt Drained Chitterlings (or Purged Liquid) and Pan – Drain Pan Tare =	Purge % (A - F) ×			
1									%		
2									%		
3									%		
4									%		
5									%		
6									%		
7									%		
9									% %		
10									%		
Numb	er of Unreas S Allowed: N		E1 – Total I	Error:			G1 -Total Purge:		%		
Table	2-9. MAV:		E2 – Avera (E1 ÷ 1	-			G2 – Average Purg (G1 ÷ n =)	e:	%		
NET WEIGHT COMPLIANCE: (1) If any of the minus package errors (see Column E) exceed the MAV the sample fails. (2) If none of the package errors exceeds the MAV and the Average Error (E2) is a positive number the sample passes. (3) If the Average Error (E2) is a minus number the sample fails.											
	PURGE COMPLIANCE: MAVs are not applied in the purge test (1) If the Average Purge Error (G2) is less than or equal to 20 %, the sample passes. (2) If the Average Purge Error (G2) is greater than 20 %, the sample fails.										
Purge	:				□ P	assed		☐ Failed			
Sampl	le Disposition	1:									

S. Insp	Inspector: S. Inspector Date: July 14, 2016		(for use I		_		Category B - Examp ant Net Weight & Purg	L.	ns)		
				Lot Codo	12.1526		Duain Dan Tana	Unit of Meas			
Packe	r: Packer :	Inc.		Lot Code: Brand:	A34526		Drain Pan Tare:	Unit of Meas	ure:		
	1000 Rd	•	ļ		1 <i>llbrand</i>		0.997 lb	lb			
	A Packing	gTown, USA B	С	D	E		F	G			
Package Number	Labeled Net Weight	Package Gross Weight	Package Tare Weight	Tare Weight Net Weight $B-C=$ $D-A=$ J				Purge % (<u>A - F</u>) × 1			
1	5	5.130	0.032	5.098	0.098		4.19	16.2	%		
2		5.160	0.033	5.127	0.127		4.21	15.8	%		
3		5.012	0.032	4.980	- 0.020		4.17	16.6	%		
4		5.170	0.034	5.136	0.136		4.20	16.0	%		
5		5.020	0.033	4.987	- 0.013		4.18	16.4	%		
6		5.102	0.032	5.070	0.070		4.22	15.6	%		
7		5.051	0.033	5.018	0.018		4.24	15.2	%		
8		5.116	0.032	5.084	0.084		4.20	16.0	%		
9		5.120	0.034	5.086	0.086		4.19	16.2	%		
10		5.023	0.032	4.991	- 0.009		4.20	16.0	%		
	er of Unreas s Allowed: N		E1 – Total E	rror	0.057 lb		G1 -Total Purge:	160	%		
Table	2-9. MAV: ().094 lb	E2 – Averag (E1 ÷ n		0.057 lb		G2 – Average Purge (G1 ÷ n =)	e: 16	%		
NET WEIGHT COMPLIANCE: (1) If any of the minus package errors (see Column E) exceed the MAV the sample fails. (2) If none of the package errors exceeds the MAV and the Average Error (E2) is a positive number the sample passes. (3) If the Average Error (E2) is a minus number the sample fails. Passed Failed											
	PURGE COMPLIANCE: MAVs are not applied in the purge test (1) If the Average Purge Error (G2) is less than or equal to 20 %, the sample passes. (2) If the Average Purge Error (G2) is greater than 20 %, the sample fails.										
Purge	:					Passed		☐ Failed			
Sampl	le Disposition	1;									

Date	2:		Peat Moss Labeled by Volume Package Worksheet – Dimensional Procedure										ıre							
Lab	eled Q	Quantit	ty	Conve to Met		Large	st Qu	antity:			Ma	nufact	turer:							
											Pro	duct:								
Lot	Size:		ı			Sampl						t Code						nt Num		
				1 cubic	foot	= 1728 cu	in *						W × H 000 000		28 or	*Tota	ıl Vo	olume (L	.)	
	Dir	mensio	ons M	leasure	d in:	mn	1	□ in				P	ackage	Err	or in	: [] m	L	□ cu in	
		1	Leng	th		Avg		,	Widtl	h		Avg			Не	eight		1	Avg	Total*
1.																				
2.																				
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				
11.																				
12.																				
Step	1. W		the M	AV for		labeled qua	•	in Tabl	e 2-65	?						Tot	tal P	ackage	Error:	
exce are r	Step 2. How many minus errors exceed the MAV? If the number of unreasonable errors exceeds the number permitted for the sample size in Table 2-1., the sample fails; go to Step 7. If there are no Unreasonable Errors, sum the package errors, and calculate the Average Error entering it in Step 3. Go to Step 4.										ge Error:									
Ave	Step 4. If the Average Error is zero or a positive number, the sample passes; go to Step 7. If the Average Error is a negative number, go to Step 5. Step 5. Calculate the Sample Standard Deviation (s) and multiply (s) by the Sample Correction Factor (SCF) for the sample size to obtain the Sample Error Limit (SEL); go to Step 6. (s) × (SCF) = SEL																			
Step	7. A	ction T	aken			Lot Reject	ed		Lot	Approv	red									
Ran	dom N	Numbe	ers: I	Enter th	ne numbers as you select them in the top 1					p row	and r	eorder	then	ı in t	he bot	tom	row.			
																	1			

		I	
Date	e:	Во	rax Audit Worksheet
Insp	ector:	Use only IF the sample fails the	net weight test. Use the lightest package in the sample.
1.	Product:		2. Lot Code:
3.	Declared Net Weight on th	ne Package:	
4.	Declared Volume on the B	orax Package:	
5.	Gross Weight of Package:		
6.	Tare Weight of Package:		
7.	Net Weight of Package:		
8.	Volume of Dry Measure – volume and enter it below		ry measure in milliliters used to calculate the
		=	mL
	Dry Measure:	·	art = 1101 mL; Liter = 1000 mL
9.	Empty Weight of Dry Mea	asure:	
10.	Gross Weight of Dry Meas	sure + Borax:	
11.	Net Weight of Borax in the	e Dry Measure:	
		(Box 10 - Box 9) =	
12.	Net Volume of Borax:		
		$(Box 7 \div Box 11) \times Box 8 =$	
13.	Refer to Step 10 to determ	ine if the sample is in compli	ance or if further action is required.

(Added 2016)

Softwood Lumber Worksheet

MAV for Packages Labeled by Length, Width, or Area (Table 2-8)

(**Note:** Lumber of a predetermined dimension as defined by NIST Handbook 130, Uniform Packaging and Labeling Regulations).

Re	gulations).
	• 1 m (1 yd) or less in 3 % of labeled quantity.
	• More than 1 m (1 yd) to 43 m (48 yd) is 1.5 % of labeled quantity.
Sec 1.	Calculate the MAV for labeled thickness = Do any of the minus errors for thickness exceed the MAV? Yes, go to Section 5. No, go to Section 2
2.	Calculate the MAV for length = Do any of the minus errors for width exceed the MAV? — Yes, go to Section 5. — No, go to Section 3
3.	Calculate the MAV for labeled width = Do any of the minus errors for length exceed the MAV? □ Yes, go to Section 5. □ No, go to Section 4
Sec	ction 2. Compliance with the Average Requirement – Thickness
4.	Calculate the Average Error for labeled thickness The sample passes this requirement if the Average Error is zero or a positive number. Go to Section 3. If the Average Error is a negative number, go to Step 5.
5.	Calculate the Sample Standard Deviation (<i>s</i>) and multiply (<i>s</i>) by the Sample Correction Factor (<i>SCF</i>) for the sample size to obtain the Sample Error Limit (<i>SEL</i>). Go to Step 6.
	(s)× (SCF) = SEL
6.	Disregarding the signs, is the <i>SEL</i> in Step 5 larger than the Average Error in Step 4? If yes, the lot passes on thickness. If no, go to Section 3.
Sec	ction 3. Compliance with the Average Requirement – Length
7.	Calculate the Average Error for labeled length The sample passes this requirement if the Average Error is zero or a positive number. Go to Section 4. If the Average Error is a negative number, go to Step 8.
8.	Calculate the Sample Standard Deviation (<i>s</i>) and multiply (<i>s</i>) by the Sample Correction Factor (<i>SCF</i>) for the sample size to obtain the Sample Error Limit (<i>SEL</i>). Go to Step 9.
	(s) × (SCF) = SEL
9.	Disregarding the signs, is the <i>SEL</i> in Step 8 larger than the Average Error in Step 7? If yes, the lot passes on length. If no, go to Section 4.

Section 4.	Compliance with the	Average Require	ement	t – Width							
10. Calculate the Average Error for labeled width. The sample passes this requirement if the Average Error is zero or a positive number. Go to Section 6. If the Average Error is a negative number, go to Step 11.											
11. Calculate the Sample Standard Deviation (<i>s</i>) and multiply (<i>s</i>) by the Sample Correction Factor (<i>SCF</i>) for the sample size to obtain the Sample Error Limit (<i>SEL</i>). Go to Step 12.											
	(s) × (SCF) = SEL										
12. Disregarding the signs, is the SEL in Step 11 larger than the Average Error in Step 10?											
☐ Yes, approve the lot. ☐ No, go to Section 5											
Section 5.	Determine Moisture	Shrinkage Allow	ance								
If the average error for any thickness or width measurement is a minus value, or if the MAV is exceeded, perform a moisture test on each piece to determine if a moisture shrinkage allowance should be applied. Apply the appropriate allowance to each piece, then re-calculate the average error and re-determine compliance with the MAV. If the average error is a minus value for any length measurement, or if the MAV is exceeded for any length measurement the lot fails. No moisture shrinkage allowance is applied to length.											
Piece Number	Moisture Content	Moisture Shrinkage Allowance		Piece Number Moisture Content Shrinkage Allowance							
1.				7.							
2.				8.							
3.				9.							
4.				10.							
5.				11.							
6.				12.							
Section 6.	Action Taken:	☐ Lot Rejected		Lot Approv	ed						
Comment	Comments: Official Name/Signature:										
	Date:										
Random	Numbers: Enter the n	umbers as you se	lect t	hem in the to	op row and re	order then	n in the bottom row.				
1/2020											
1/2020											

			Softwood	ımber Worksheet						
Product:					Mill Number and Agency:					
Labeled Dimensions:					ress:	City/State/Zip:				
Length:										
Width:					d/Grade/Surface:	Testing Location:				
Thickness:										
Piece Number	Average Length	Average Width	Average Thickness		Piece Number	Average Length	Average Width	Average Thickness		
1.					7.					
Error:					Error:					
2.					8.					
Error:					Error:					
3.					9.					
Error:					Error:					
4.					10.					
Error:					Error:					
5.					11.					
Error:					Error:					
			_							
6.					12.					
Error:					Error:					
Total	1		1							
Average: Average Error:										

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Structural Plywood Sheets and Wood-Based Structural Panels Worksheet

MAV for Packages Labeled by Length, Width, or Area (Table 2-8)

(**Note:** Structural Plywood Sheets or Wood-Based Structural Panels of a predetermined dimension is considered a "package" as defined by NIST Handbook 130, Uniform Packaging and Labeling Regulations).

- 1 m (1 yd) or less in 3 % of labeled quantity.
- More than 1 m (1 yd) to 43 m (48 yd) is 1.5 % of labeled quantity.

Section 1.	Compliance	with Maximum Allowable	Variation
		0 11 1 1 1 1 1	-

- 1. Calculate the MAV for labeled thickness = _____. Do any of the minus errors for thickness exceed the MAV?
 - \square Yes, go to Section 5. \square No, go to Section 2
- 2. Calculate the MAV for length = _____. Do any of the minus errors for width exceed the MAV?
 - ☐ Yes, go to Section 5. ☐ No, go to Section 3
- 3. Calculate the MAV for labeled width = . Do any of the minus errors for length exceed the MAV?
 - ☐ Yes, go to Section 5. ☐ No, go to Section 4

Section 2. Compliance with the Average Requirement – Thickness

- 4. Calculate the Average Error for labeled thickness ______. The sample passes this requirement if the Average Error is zero or a positive number. Go to Section 3. If the Average Error is a negative number, go to Step 5.
- 5. Calculate the Sample Standard Deviation (*s*) and multiply (*s*) by the Sample Correction Factor (*SCF*) for the sample size to obtain the Sample Error Limit (*SEL*). Go to Step 6.

6. Disregarding the signs, is the *SEL* in Step 5 larger than the Average Error in Step 4? If yes, the lot passes on thickness. If no, go to Section 3.

Section 3. Compliance with the Average Requirement – Length

- 7. Calculate the Average Error for labeled length_____. The sample passes this requirement if the Average Error is zero or a positive number. Go to Section 4. If the Average Error is a negative number, go to Step 8.
- 8. Calculate the Sample Standard Deviation (*s*) and multiply (*s*) by the Sample Correction Factor (*SCF*) for the sample size to obtain the Sample Error Limit (*SEL*). Go to Step 9.

9. Disregarding the signs, is the *SEL* in Step 8 larger than the Average Error in Step 7? If yes, the lot passes on length. If no, go to Section 4.

	Structural P	Plywood Sheets and	l Wood-	Based Struc	tural Pan	els Wor	rksheet			
Section 4. C	Compliance with the	he Average Requirer	nent – W	idth						
10. Calculate zero or	10. Calculate the Average Error for labeled width The sample passes this requirement if the Average Error is zero or a positive number. Go to Section 6. If the Average Error is a negative number, go to Step 11.									
11. Calculate the Sample Standard Deviation (<i>s</i>) and multiply (<i>s</i>) by the Sample Correction Factor (<i>SCF</i>) for the sample size to obtain the Sample Error Limit (<i>SEL</i>). Go to Step 12.										
	(s) × (SCF) = SEL									
12. Disregar		he <i>SEL</i> in Step 11 larg						ve the lot		
				C	•	·	7 11			
□ Y€	es, approve the lot.	□ No, go to Sec	uon 3							
Section 5 D	latarmina Maistur	re Shrinkage Allowa	nco							
perform a mo	If the average error for any dimension (thickness, length, width) is a minus value, or if the MAV is exceeded for any piece, perform a moisture test on each piece to determine if a shrinkage allowance should be applied. Apply the appropriate allowance to each piece, then re-calculate the average error and re-determine compliance with the MAV.									
Piece Number	Moisture Content	Moisture Shrinkage Allowance		Piece Number	Piece Moisture Shr			Moisture Shrinkage Allowance		
1.				7.						
2.				8.						
3.				9.						
4.				10.						
5.				11.						
6.				12.						
Section 6. A	action Taken:	☐ Lot Rejected	□ Lot	Approved						
Comments:			Official Name/Signature:							
				Date:						
Random Nu	mbers: Enter the	numbers as you select	t them in	the top row an	d reorder th	nem in th	ne bottom	row.	1	
(Rev. 01/202	0)]						

	Structu	ral Plywood S	Sheets and V	Wood-Bas	sed Structural	Panels Wor	ksheet		
Product:				Mill Number and Agency:					
Labeled Di	mensions:			Address: Brand/Grade/Surface:		City/State/Zip: Testing Location:			
Length:									
Width:									
Thickness:									
Piece Number	Average Length	Average Width	Average Thicknes		Piece Number	Average Length	Average Width	Average Thickness	
1.					7.				
Error:					Error:				
2.					8.				
Error:					Error:				
3.					9.				
Error:					Error:				
4.					10.				
Error:					Error:				
5.					11.				
Error:					Error:				
6.					12.				
Error:					Error:				
T-4-1									
Total Average:									
Average Error:									

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