Appendix C. Model Inspection Report Forms

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Date:		Rand	om Packag	e Report			Sampling	Plan:	□в	Report Number:		
Location (name, address	s):	Pr	oduct/Brand Id	entity:			Manufact			Containe	r Description:	
	,		t Codes:	•							•	
1. Labeled Quantity: (Enter weight for each package in Column 1 below.)	2. Unit of M	Aeasure:	with a min	(Look up the lus error (-), conter this value	onvert it to	o dime	nensionless			6. Sample Size (n):		
7. Initial Tare Sample Size:	8. Number Allowed:	of MAVs	9. Range (Errors (Ro	of Package	10. Ra Weigh		of Tare 11. Rc/Rt: (Box 9 ÷ Box 10 =)			12. Total No. of Tare Samples:		
13. Avg. Tare Wt:		[□ мо	re Correcti oisture Allo	wance			inal Gross Wt: Vt + Box 13 - Box				
☐ Used Dry Tare ☐	Wet Tare	Unu:	sed Dry Tare			∐ No	ot Applicab	le				
	Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg	5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10	
a. Gross Wt												
b. Tare Wt												
c. Net Wt												
d. Package Error												
				Money	Errors			umn 1	Package F	Errors	4. MAV Dimensionless	
Product Descr	-	+			eled Net eight	_	+	Units				
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.								I m				
15. Total Error:	16. Number minus (–) en package error Column 4.)	rrors: (Co	mpare each	17. Is Box	fails		Box 8?	Totals 18. Avg. errodimensionles (Box 15 ÷ Bo	s units:	units:	error in labeled (Box 2 =)	
20. Does Box 18 = zero (+)? Yes, lot passes, go to	pute Sample I Deviation:	22. Sample	Correcti	ion Fa	ctor:	23. Compute	e Sample Error I	imit: (Box	21 × Box 22 =)			
□ No , go to Box 21												
24. Disregarding the signs, is Box 18 larger than Box 23?							isposition o	of Inspection I	ot:			
☐ Yes, lot <u>fa</u>	ils, go to Box	25 🗆 N	, lot <u>passes</u> , go	to Box 25				☐ Approved		☐ Rejected		
Comments:						Officia	al's Signat	ure:				
					-	Ackno	owledgeme	nt of Report:				

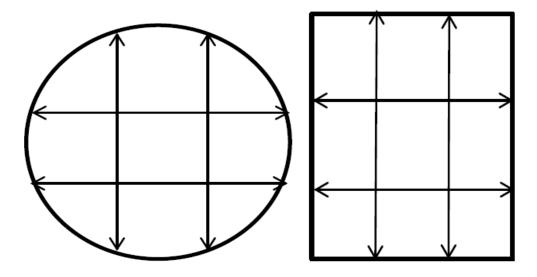
Date: January 20, 2010	Rand	lom Pack	age Rep	ort – Exai	mple	Sampling	Plan: 🗹 A	□в	Report Nur	nber:				
Location (name, address	e).	Product/B	rand Identi	tv•		Manufact	nrer:		Container I	Description:				
, , ,	3)•	Ground C		., .			pt L&O M	arket		soaker and				
L&O Market		Lot Codes	:				•		plastic wrap					
MacCorkle Ave. Charleston, WV 2517.	1	1, 19, 99	-											
1. Labeled Quantity: (Enter weight for each	2. Unit of M			(Look up the				ion Lot Size:	6. Sample Size (n):					
package in Column 1	0.00	1 1h		us error (–), ce enter this value				23		12				
below.)	0.00	1 10	below.)	ontor unio varac	, m and 2011 .	Column				12				
7. Initial Tare	8. Number	of MAVs	9. Range	of Package	10. Range	of Tare	11. Rc/Rt	:	12. Total N	o. of Tare				
Sample Size:	Allowed:		Errors (R	<i>*</i>	Weights (R	t):	$(Box 9 \div B)$	ox $10 =)$	Samples:					
2	0)		10		1		10		2				
13. Avg. Tare Wt:	0.02	0.11			13a. ∐ 1	Tare Correc	tion			al Gross Wt:				
	0.020) 16				Aoisture Al	lowance		(Labeled Wt = 13a=)	- Box 13 – Box				
☑ Used Dry Tare □	Wet Tare	☐ Unus	ed Dry Tare	9		Not Applica	ble			Wt + 0.020 lb				
·	Pkg 1					Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10				
a. Gross Wt	1.852 lb	1.223 lb												
b. Tare Wt	0.020 lb	0.021 lb												
c. Net Wt	1.832 lb	1.202 lb												
d. Package Error	- 18	- 8												
				Money	Errors	Col	umn 1	Package	Errors	4. MAV				
Product Descrip	tion – Lot Co	de – Unit Pr	ice		Littis	Labo	eled Net			Dimensionless				
				_	+	W	eight	_	+	Units				
1. Ground Chuck – 1,	19, 99 – \$1.7	79 per lb				1.	85 lb	18						
2.				1.	21 lb	7								
3.						1.	56 lb	8						
4.						1.	98 lb	14						
5.				\$ 0.04		1.07 lb		23		44				
6.				,		1.	55 lb	16						
7.						1.02 lb		2						
8.				\$ 0.04		1.44 lb				56				
9.				7		1.33 lb		16						
10.							03 lb	20		70				
11.							73 lb	14		, 0				
12.							16 lb 11							
13.						1.	1010	11						
14.														
15.														
16.														
10.							Totals	- 174						
15. Total Error:	16. Number	of unreason	able	17. Is Box 1	16 greater tha	an Box 8?	18. Avg. err		19. Avg. er	ror in labeled				
	minus (–) er	rors: (Comp	are each	☐ Yes, lot	_		dimensionle			$18 \times \text{Box } 2 =)$				
- 174	package erro		AV in	✓ No, go t	to Box 18		$(Box 15 \div Bo)$,						
	Column 4.)	0						14.5		0.014 lb				
20. Does Box 18 = Zero	(0) or Plus	21. Comp Sample Sta		22. Sample	Correction I	actor:	23. Comput	e Sample Error	Limit: (Box 2)	$1 \times \text{Box } 22 =)$				
(+)? Yes, lot passes, go to	Roy 25	Deviation:			0.635			,	267					
✓ No, go to Box 21 ✓ No, go to Box 21 6.721					0.033			4.	267					
24. Disregarding the sig		25. Disposi	tion of Incr	ection I at:										
		25. Disposi	tion of thsp			_								
Yes, lot fails, go to Box 25 No, lot passes, go to Box 25							☐ Approved	ı 🗹	Rejected					
Comments							Official's Signature:							
Comments					Official 8 8	ignature:								
					Acknowled	gement of I	Report:							

Date:			l Pa	ckag	e Report	t		Sampling Plan: \square A \square B					Report Number:			
Location (name, ad	ldres	s):				Produc	t/Brand Id	entit	y:	Manu	factui	rer:		Cor	ntainer	•
														Des	criptio	n:
					-	Lot Co	des:									
1. Labeled Quantit	ty:	2. Unit of M	easur	e:		3. MAV: 4. M			MAV (dimer	MAV (dimensionless			5. Inspection Lot Size:			Size (n):
									its):							
								(Bo	ox 3 ÷ Box 2	=)						
7. Initial Tare		8. Number of MAVs				9. Ran	ge of	10.	. Range of Ta	are Wei	ghts	11. Rc/Rt:		12.	Total 1	Number of
Sample Size:		Allowed:				Packag	ge Errors	(R			0	(Box 9 ÷ 10	=)	Taı	e Sam	ples:
						(Rc):										
13. Average Tare	Wt:					13a.	☐ Tare Co	rrect	tion			14. Nomina	al Gross Wt:			
							□ Tare co □ Moistur						x 13 – Box 13a	=)		
						Ī	□ Moistur □ Vacuun									
☐ Used Dry Tare	Ч,	Wet Tare □ 1	Unuse	ed Dry Tai	re	[□ Vacadan □ Not App									
		Pkg 1	Pkg 1 Pkg 2 I				Pkg 4		Pkg 5	Pkg	g 6	Pkg 7	Pkg 8	Pkg	9	Pkg 10
a. Gross Wt		Ü		0			Ü					Ü			,	Ü
b. Tare Wt																
c. Net Wt																
d. Package Error																
-		+		_		+			-			+	_			+
1.			13	3.					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.			
9.			21						33.				45. 46.			
10.			23						34. 35.				47.			
12.			24						36.				48.			
Total:	Tot	al·	_	otal:		Tot	al·		Total:		Tota	al•	Total:		Total	•
10001	100			our.		10.			10tur.		100	•••	10001		10141	•
15. Total Error:		16. Number							. Is Box 16 g	reater tl	nan	18. Average				e error in
		(compare ea	ch pa	ckage erro	r wit	th Box 4	!):	Во	x 8? ☐ Yes, le	, C 11		dimensionle (Box 15 ÷ B			ed uni	ts: Box 2 =)
								П	No, go to Bo			(DOX 13 + D	OX () =)	(DOX	10 / 1	JON 2 =)
20. Does Box 18 =	Zero	(0) or Plus (+))?	21. Con	nnute	e Samn	le		. Sample Cor			23. Comput	te Sample Erro	r Limit	:	
			, -	Standar					ctor:			$(Box 21 \times E)$			-	
Yes, lot passes, g		Box 25														
No, go to Box 21									105 51	•.• •		<u> </u>				
24. Disregarding the signs, is Box 18 larger than Box 23?								25. Dispos	sition of	Inspe	cuon Lot:					
Yes, lot <u>fails</u> , go to Box 25 No, lot <u>passes</u> , go to Box 25										Appro	oved	☐ Reje	cted			
Comments:								Official's								
									Acknowledgement of Report:							
									110MHO WIC	-5-111	. 01 111	.p. 51 ***				

Date: <i>January 20, 2010</i>		S	tanda	rd Pa	ackage	Rej	port – Exa	amp	ole	Sampling Plan: 🗹 A 🗌 B					I	Report N	umber: 16
Location (name, ad	dress)	:		Prod	uct/Bran	d Ide	ntity:				Manufa	actur	er:			Containe	
Volunteer Market 18765 Alcoa High	wav			Com	munity (Grou	p Cookies (T	hin I	Mints)		ABC Cookies Inc. 1069 Capitol Avenue					Description: Cardboard Box/	
Knoxville, TN 379				Lot 0	Codes:						Nashville, TN 37204				1	Plastic Liner	
				Apri	l 2009 A												
1. Labeled Quantit	y:	2. Unit of	Measur	e:		3. MAV: 4. MAV units):			,				5. Inspection Lot Size:			6. Sampl	e Size (n):
453 g (1 lb)		0.001 lb				,	0.044 lb	(Bo	$x 3 \div Box 2$	2 =)) 44			172			12
7. Initial Tare Sample Size:		8. Number of MAVs Allowed:					Range of ckage	10. (Rt)	Range of '	Taı	re Weigl	hts	11. Rc/Rt: (Box 9 ÷ 10	=)		12. Total Fare San	Number of ples:
2			0			Erı	rors (Rc):		,	,				10			2
2 13. Average Tare	Wt·		0			12-	24	C		2			14 Nomin	12 al Gross Wt:			2
13. Average rare		0.014 lb				13a	. =		ction llowance					x13 – Box 13a	=)		
_	_		_				□ Vacuu							1.0	14 lb		
☑ Used Dry Tare	$\square \mathbf{w}$	et Tare	∐ Unu	sed Dr	y Tare		✓ Not A										
		Pkg 1 Pkg 2 Pkg 3					Pkg 4	Ì	Pkg 5		Pkg 6		Pkg 7	Pkg 8	P	kg 9	Pkg 10
a. Gross Wt		052 lb	1.026														
b. Tare Wt	_	0.015 lb 0.013 lb															
c. Net Wt	1.	037 lb 37	1.013 13	lb				-									
d. Package Error	ı	+	13		-	T	+	Ч_					+ -				+
1.		38	13			+			25.			37.				'	
2.		12	14						26.			38.					
3.		8	15	i.					27.				39.				
4.		4	16	ó.					28.				40.				
5. <i>3</i>			17	' .					29.				41.				
6. 2			18	3.					30.					42.			
7.		12	19					31.					43.				
8. 3			20						32.			44.					
9. 10. <i>1</i>		4	21						33. 34.			45. 46.					
10. <i>1</i> 11. <i>0</i>			23						35.				46. 47.				
12.		6	24						36.					48.			
Total:	Tota			otal:		To	otal:		Total:			Tota	l:	Total:		Tota	l:
9		84															
15. Total Error:		16. Numb (compare						17. Box	Is Box 16	gre	eater tha	ın	18. Averag dimensionle). Avera beled un	ge error in
+ 75		(compare	cacii pa	-	0 0	I DUA	· -1)•		Yes, lot <u>fa</u>	ails			(Box 15 ÷ B			Box 18 × 1	
									No, go to l				+	6.25		+ 0.	006 lb
20. Does Box 18 = 7	Zero (0) or Plus	(+)?		Compute			22.	Sample C					te Sample Err	or Lii	mit:	
Yes, lot passes, g	n to B	Sox 25		Stan	dard Dev	iatioı	1:	Fac	tor:				$(Box 21 \times B)$	ox 22 =)			
\square No, go to Box 2:		.0.1.20															
24. Disregarding th		s, is Box 1	8 larger	than I	3ox 23?				25. Dis	spo	sition of	Insp	ection Lot:				
☐ Yes, lot fails, go to Box 25 ☐ No, lot passes, go to Box 25									N	Ann	roved	□ Re	iocto	d			
Comments:	<u>14115</u> ,	50 to DOX 2	L	110,	ioi <u>passes</u>	, go t	O DOX 23		Officia	l's	Signatu		10160	<u> </u>	jecie	u	
Lot Passes										~	g u						
2011 (1336)									Ackno	wle	edgemen	t of I	Report:				
											-		-				

Date:	Standard Pa Anima	ickage Repo	ort –	Sampling Plan A – Tab A. in NIST Handbook 1	ole 2-1., Appendix 33	Report Number:			
Location (na	me, address):	Product/Br Identity: Lot Codes:		Manufacturer:	Container Description:				
1. Labeled 2. Unit of Quantity Measure:		3. MAV: (5 % of labe	eled	4. MAV: (0.05 × Box 1. Usable	5. Inspection Lot Size:	6. Sample Size (n):			
(Usable Volume):	le g			Volume)		7. Number of Unreasonable Package Errors Allowed for Sample Size:			
Gross Weigl	nt for Audit Testing	Packag –	e Error +		Test Notes				
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9. 10.									
11.									
12.									
12.		Total:	Total:						
		rotar.	Total.						
8. Total	9. Number of unrea	sonable min	us (–)	10. Is Box 9 greater	11. Calculate Av	erage Error:			
Error:	errors (compare eac			than Box 7?	$(Box 8 \div Box 6 =)$				
	Box 4):			☐ Yes, lot fails go to					
				Box 17					
				\square No, go to Box 11.					
12. Does Box Plus (+)?	x 11 = Zero (0) or	13. Compu Standard D		14. Sample Correction Factor:	15. Compute Sar (SEL): (Box 13 >	mple Error Limit < Box 14 =)			
	asses, go to Box 17 Box 13, 14, 15 & 16								
16. Disregar	ding the signs, is Box	11 larger tha	n Box 15?	17. Disposition of Insp	ection Lot:				
	uils, go to Box 17 ses, go to Box 17			☐ Approv	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 Measure: B. Radius of Test Measure (r):										
C. Average Depth (Sum of Measurements ÷ 9):										
D. Average Height of Product (= A – C):										
E. Volume (L): = $3.141\ 592\ 65 \times r^2\ (B^2)$: \times D: $\div 1\ 000\ 000$										
F. Package Error (L): = Labeled Volume (L): E (L):										
Volume is calculated using: <i>Volume in liters</i> = $\pi r^2 h$ <i>For example: if</i> r^2 <i>is</i> 23035 <i>and height of product is</i> 109.26 <i>then</i> ((Pi) 3.141 592 65 × r^2 (23 035) × 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 Measure Base (L × W):										
C. Average Depth (Sum 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 is calculated using: Volume in liters = $(lw)h$ For example: If length and width are 609.6 the area of the measure's base is 371 612. If the Average Height of the Product is 109.26 then:										
* Area of Test Measure Base (371 612) × Average Height of Bedding (109.26) ÷ 1 000 000 = 40.6 L										

(Added 2016)

Ice Glazed Package Worksheet

STEP

1.	Package Price (if standard pack) \$ Price Per Pound (if random pack) \$
	Lot Size: Sample Size: Unit of Measure:
2.	Number each package. Weigh each package for the Gross Package Weight and enter in Row 1.
3.	Enter Labeled Net Weight in Row 2. (If dual units determine the larger unit.)
4.	Record the Maximum Allowable Variation (MAV) in Row 3.

- 5. Weigh the receiving pan = _____ (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 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. Immediate 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 \pm Package error (net weight [Row 5] labeled net weight [Row 2]) = \pm 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)												

TT	D T	
Usea	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 stand	dard pac	k) \$ <u>6.99</u>	Price Per Pound (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:		Ice	Glaze	ed Package	e Rep	port			Samplir	ng Plar	n:	∆ □в		Rep Nun	ort ıber:
Location (name, address	s):		Prod	uct/Brand Ide	entity:				Manufa	cturer	:				tainer cription:
			Lot (Codes:										Desc	eripuon:
1. Standard Pack Label Quantity:	led	2. Unit o	f Measur	·e:			MAV: Loo a minus (-					5. Inspector Lot Size:		6. S Size	ample (n):
(If random packed, enter each package in Column						colu	ımn below.								
7. Price per lb:														8. N	lo. of
7a. Standard Pack: Pack 7b. Random Pack: Lab				e by (Box 1) =			_							MA' Allo	Vs wed:
	Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg	g 5	Pkg 6	Pkg '	7 Pk	g 8	Pkg 9	Pkg 10	Pkg	11	Pkg 12
Pkg. Gross Wt															
a. Labeled 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 =)	Colum	n 1				Packa	ge Errors			4.	MAV	1			
#	Labeled Net (random pac			_	-			+		D	imensionle	ess Units			
1	•	•													
$\frac{2}{3}$															
4															
5 6															
7															
8															
9 10															
11															
12															
Totals 9. Total Error:	10. Numb	er of Unre	sonable	f. Minus (–) Eri	rors:	11.	g. Is Box 10	greater 1	than	12	Avg Err	or: (Box 9 ÷	Box 6 -	.)	
(add Row e or Box f +	(compare	each packag		ith the MAV in		Box		B1 041001 V		12.	Avg. Lii	JI. (BOX).	DOX 0 =	.)	
g)	Box 4 colu	ımn)				_	Yes, lot fai								
13. Does Box 12 = Zero	(A) or Plus ((±)9 1.	1 Comp	ute Sample			No, go to I Sample Co		Factor	16	Compute	Sample Err	or I imi	f•	
\square Yes, lot passes, go to				Deviation:		13.	Sample CO	,, i ee 1101	i ractur;		ox 14 × Bo		or Pillill		
\square No, go to Box 14															
17. Disregarding the sig		2 larger tha	n Box 16	?		18.	Disposition	n of Insp	ection Lo	ot:		19. Econom	_		
Yes, lot <u>fails</u> , go to B							Approved		Reject	ed		(Box $12 \times E$	$\cos 7 \times 1$	30x 5	=)
Comments:	DOX 10					Offi	icial's Sign	ature:							
						A ol-	nowlada	nont of I	Donoute						
						ACK	nowledgen	nent of 1	xeport:						

Date: January	20, 2010		Ice Glaz	ed Pa	ckage Report	– Exar	mple	Sampli	ng Plan:	☑ A	□в	Repo	ort nber: 103	
Location	(name, addr	ess):		Prod	uct/Brand Identity	:		Manufa	acturer:			Con	tainer	
Ocean Fr	resh Market				/Peeled Shrimp 71		ount						cription:	
101 8 th Si					Codes:			Ocean	Fresh			Plas	adi a	
Key West	<i>t, FL</i> ard Pack La	halad	2. Unit of			2 M	AV: Look up tl	ho MAVI for		~~	5. Inspectio			
	: 453 g (1 l		2. Unit of	Measur	·e:		AV: Look up u a minus (–) erro				5. Inspectio Lot Size:		6. Sample Size (n):	
(If random	n packed, ente	er weight for					nn below.						6	
each pack	age in Colum	n 1 below.)		0.00	01 lb		1	0.044 lb			6		Ü	
7. Price p	er lb:												lo. of	
		Package Price abeled Price _l		vide by (Box 1) = \$ 6.99	<u>—</u>						MA' Allo		
		Pkg 1	Pkg 2	Pkg	3 Pkg 4	Pkg 5	Pkg 6	Pkg 7	Pkg 8	Pkg 9	Pkg 10	Pkg 11	Pkg 12	
Pkg. Gros	ss Wt	1.180	1.205	1.10	00 1.150	1.000	1.210							
a. Labele	d Net Wt	1.000	1.000	1.00	00 1.000	1.000	1.000							
b. Gross: Rec. Pan & product W	& deglazed													
c. Tare: Rec. Pan V	Wt	0.795	0.795	0.79	95 0.795	0.795	0.795							
d. Net W	-	0.985	0.975	1.00	00 1.030	0.930	0.980							
e. Packag		- 0.015	- 0.025	0	+ 0.030	- 0.07	70 - 0.020							
		Colum	ın 1			Package	e Errors	l	4.					
Package #		Labeled Ne			_				┪	MAV				
1		(random pa	ck only)				+		Dime	ensionles	s Units			
2														
3														
4														
5														
7														
8														
9														
10														
11														
12 Totals					f.		~							
Totals 9. Total I	Error:	0 N	b £ I I			11. Is	g. Box 10 greate	r than	12. Ave	z error:	(Box 9 ÷ Box	· 6 =)		
	e or Box f +				le Minus (-) ge error with the	Box 8			12. 11,	,	(Box) · Box	. 0 –)		
-	0.100		the Box 4 co				Yes, lot fails				- 0.016			
12 Door	Day 12 - 7a	ro (0) or Plus	(1)9 1	1 Comm	ute Sample		No, go to Box 1 ample Correct		16 Cox	mmuto Co	ımple Error I	· imit.		
					Deviation:	13. 3	ampie Correct	ion ractor.		× Box 1		лин.		
	ot <u>passes</u> , go o to Box 14	ю вох 18												
17. Disre	garding the s	signs, is Box 1	2 larger tha	n Box 16	?	18. D	Disposition of I	nspection L	ot:	19	9. Economic I	Impact:		
	ot <u>fails</u> , go to ot <u>passes</u> , go t						☐ Approved	<u> </u>	Z Rejected	ı (I	$\begin{array}{c} \text{Box } 12 \times \text{Box} \\ -0.016 \times 3 \end{array}$		*	
Comment						Offici	ial's Signature	:						
			_			Acknowledgement of Report:								
Product fo	ound to conta	in less than the	e stated net c	ontents.	Failed due to MAV.	1	-	_						

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12. Total (8 + 9 + 10 =) **Comments:**

Date:		De	etermini				t Volum	e		Report N	lumber:
Location (name, addres	ss):		Produc	t/Brand Id	entity:		Manufa	cturer:		Contain Descript	
			Lot Co	des:	ers Worksheet entity: Manufacturer: Contain Descrip						
1. Labeled Quantity:	2. Unit of M	easure:	3. Insp	ection Lot	Size:		<u>. I</u>	4. Sampl	le Size:	.1	
					of Free Li	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 Recei	ving Pan										
2. Gross Weight of Pac	kage										
Reference Temperature 7 °C (± 1) [45 °F (± 2)]	e 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 Fig. (Step 6 ÷ Step 4 × 100 =)											
				Net	Volume						
 Test the oysters at the Establish the level of Empty and dry the pactor Refill the package wit Record the amount of 	fill of the packa ckage. h water to the le	ge using a cevel of the	depth gage. depth gage.		otain the tot	al volume i	n the packa	ige.			
Amount of Free 1	Liquid				• •	f Water I	Delivered	into Packa	age		
		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 Cylind	er										
11. Graduate or Cylind	er										

Date: December 20, 2013	Det	ermining the Free Liquid and Net of Oysters Worksheet – Examp			Report Number:
Location (name, addr Superchain Market Main Street Bradenton, FL	ess):	Product/Brand Identity: World's Best Oysters – Oyster Standard Lot Codes: 12/26/2012	Manufac World's E Beach Ro	Best Packing	Container Description: Clear Plastic Tub with metal pull top
1. Labeled Quantity: 12 fl oz (355 ml)	2. Unit of Measure: 0.001 lb	3. Inspection Lot Size: 206		4. Sample Size:	12
		Amount of Free Liquid			

			Val	lues	-					
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 Receiving Pan	11.841	11.841	11.841	11.841	11.841					
2. Gross Weight of Package	0.871	0.884	0.920	0.869	0.8632					
Reference Temperature of Oysters 7 °C (± 1) [45 °F (± 2)]	44 °F	46 °F	44 °F	47 °F	45.5 °F					
3. Tare Weight of Package	0.060	0.060	0.060	0.059	0.060					
4. Net Weight of Oysters & Liquid (Step 2 – Step 3 =)	0.811	0.824	0.86	0.81	0.803					
5. Weight of Receiving Pan and Drained Liquid	12.020	12.121	12.120	12.031	12.242					
6. Weight of Free Liquid (Step 5 – Step 1 =)	0.179	0.28	0.279	0.19	0.401					
7. Percentage (%) of Free Liquid (Step 6 ÷ Step 4 × 100 =)	22 %	33 %	32 %	23 %	49 %					

Net Volume

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

Amount of Free Liquid			Q	uantity of	Water D	elivered i	nto Packa	ge		
	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 Date:	etor:			(_	-	neet – Category A		
Packet	<u> </u>			Lot Code:			Drain Pan Tare:	Unit of Meas	aire:
				Brand:			2		
er	A	В	C	D	E	S	F	G	
Package Number	Labeled Net Weight	Package Gross Weight	Package Tare Weight	Actual Package Net Weight B-C=	Package Error	f Error Exc $MAV = Fg$	Purged Net Wt Weight of Drained Chitterlings (or Purged Liquid) and Drain Pan – Drain Pan Tare =	Purge % $\frac{(A-F)\times 1}{A}$	
1									%
2									%
3									%
4									%
5									%
6									%
7									%
8									%
9									%
10									%
11									%
12			E4	<u> </u>			C4 T () D		%
	er of Unreas	onable	E1 – Total				G1 – Total Purge:		%
Errors	s Allowed:		E2 – Avera	(E1 ÷ n =)			G2 – Average Purge: $(G1 \div n =)$		%
Table	2-9. MAV:		G3 – Adjus		Purge: (G2 -	– Purge Sar	nple Error Limit [PSEL]	=)	%
the MA sample	AV and the Ave standard devia ording the signs	erage Error (E2 ation and enter	l) If any of the i) is a positive r it below. (4)	minus package en number, the sample Use the Sample	rrors (see Col ple passes. (: Correction F	lumn E) exce 3) If the Ave Factor (SCF)	ed the MAV, the sample far grage Error (E2) is a minus to calculate the Sample E r (b) if the Average Error is	ils. (2) If none exc number, calcular rror Limit (SEL)	te the . (5)
Standa	ard Deviation	n:	× 0.635 (SC	CF) =	(SEL)		\square Passed	\Box Failed	
passes. Correct obtain a	(2) If the Ave ion Factor (SC an Adjusted Av	erage Purge Err F) to calculate	or is greater the Purge Samp AP) and enter	nan 20 %, calcul ple Error Limit (ate the sample PSEL) in per	le standard d rcent. (4) Su	error (G2) is less than or equeviation and enter it below abtract the PSEL from the ais greater than 20 %, the sa	v. (3) Use the Sa Average Purge (C	mple 32) to
Standa	ard Deviation	n:	× 0.635 (SC	CF) = (PSEL) Pu	urge (G3)	☐ Passed	☐ Failed	
Sampl	e Disposition	ı:							

Inspec S. Insp				Chitte	rlings Works	sheet –	Category A – Exampl	le	
Date:	2, 2016			(Ne	et Weight & Pu	rge Dete	erminations Worksheet)		
Packe	er: Packer			Lot Code: a	1342012		Drain Pan Tare:	Unit of Mea	sure:
	1000 Ro Packins	oadway gTown, USA		Brand: Allb	prand		0.997 lb	lb	
<u>.</u>	A	В	С	D	E		F	G	
Package Number	Labeled Net Weight	Package Gross Weight	Package Tare Weight	Actual Package Net Weight	Package Error	If Error Exceeds MAV = Fail	Purged Net Wt Weight of Drained Chitterlings (or Purged Liquid) and Drain Pan – Drain	Purge % (<u>A - F)</u> ×	
	5.11	5.120	0.032	B – C =	D – A =		Pan Tare =	A 16.2	1
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	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	%
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	%
Numb	er of Unreas	onable	E1 – Total	Error:	0.054 lb		G1 – Total Purge:	191.2	%
	s Allowed: N		E2 – Avera	age Error: (E1 ÷ n =)	0.004 5 lb		G2 – Average Purge: $(G1 \div n =)$	15.9	%
Table	2-9. MAV: <i>0</i>	0.0.09 4 lb	G3 – Adjus	sted Average P	urge: (G2 – P	urge Sa	mple Error Limit [PSEL]	=)	%
the MA sample Disrega	AV and the Ave standard devia	erage Error (E2 ation and enter	2) is a positive r it below. (4)	number, the sam Use the Sample	ple passes. (3) Correction Fact	If the Avtor (SCF	eed the MAV, the sample fai erage Error (E2) is a minus to calculate the Sample Error is or (b) if the Average Error is	number, calcularror Limit (SEL	te the). (5)
Stand	ard Deviation	n: 0.0601	l × 0.635 (SC	CF) = 0.0382 (S	SEL)		☑ Passed	\Box Failed	
passes. Correct obtain	(2) If the Avition Factor (SC	erage Purge Er EF) to calculate verage Purge (A	rror is greater to the Purge Sar AAP) and ente	than 20 %, calcul nple Error Limit	ate the sample s (PSEL) in percent	standard nt. (4) S	Error (G2) is less than or equivalence and enter it below ubtract the PSEL from the A is greater than 20 %, the sa	(3) Use the S Average Purge (ample G2) to
Stand	ard Deviation	n: 2.420	× 0.635 (SCI	F) = 1.536 (1	PSEL) Purge	e (G3)	8.83 % ☑ Passed	\Box Failed	
Samp	le Disposition	n: Lot passes	on both crite	eria.					

Inspec	ctor:			C	hitterlings V	Vorksh	eet – Category B		
Date:			(For Use		_		Plant Net Weight & Pu	irge Determinati	ion)
Packe	r:		.1	Lot Code:			Drain Pan Tare:	Unit of Meas	sure:
				Brand:					
er	A	В	C	D	E	sp	F	G	
Package Number	Labeled Net Weight	Package Gross Weight	Package Tare Weight	Actual Package Net Weight B – C =	Package Error D – A =	IF ERROR Exceeds MAV = FAIL	Purged Net Wt Drained Chitterlings (or Purged Liquid) and Pan – Drain Pan Tare =	Purge 9 $\frac{(A-F)}{A} \times$	
1									%
2									%
4									%
5									%
6									%
7									%
8									%
9									%
10									%
	er of Unreas s Allowed: N		E1 – Total l	Error:			G1 -Total Purge:		%
Table	2-9. MAV:		E2 – Avera ; (E1 ÷ 1	_			G2 - Average Purg $(G1 \div n =)$	ge:	%
none o	f the package		s the MAV and	-	•		n E) exceed the MAV number the sample pas	•	
					□ I	Passed		\Box Failed	
			Vs are not apple e Average Purg				age Purge Error (G2) in sample fails.	is less than or e	qual to
Purge	:				□ I	Passed		\Box Failed	
Sampl	le Disposition	n:							

Inspector S. Inspector Date:	pector		(fa		U		Category B – Examp	-	oma)
	4, 2016		(for use	Inside a USDA	Inspected Pa	cking Pia	ant Net Weight & Purg	e Determinati	ons)
Packe	r:			Lot Code:	A34526		Drain Pan Tare:	Unit of Mea	sure:
	Packer 1000 Ro Packing			Brand:	Allbrand		0.997 lb	lb	
•.	A	В	С	D	E		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 $\frac{(A-F)}{A} \times$	
1	5	5.130	0.032	5.098	0.098		4.19	16.2	%
2	3	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 l	Error	0.057 lb		G1 -Total Purge:	160	%
Table	2-9. MAV: ().094 lb	E2 – Avera ş (E1 ÷ r		0.057 lb		G2 – Average Purge (G1 ÷ n =)	e: 16	%
If none	e of the packa	ge errors exce		and the Average	e Error (E2) is		nn E) exceed the MAV we number the sample		
				ed in the purge ge Error (G2) is			e Purge Error (G2) is le e sample fails.	ss than or equ	al to
	:				□ P			☐ Failed	

Lab	eled Q	uantity	Conve to Met	rted	Large						nufact							Procedu	
			to Met	ric:						Pro	oduct:								
Lot	Size:				Sampl	le Sizo	e:			Lot	Code	:				Plar	nt Num	ber:	
			in ³ *Tot																
1 L10		000 cm ³	Measure		ume in c			L×W	У X Н ÷	- 1 000		ackas	ge Err	or ir	ı: [L	☐ cu in	
		Le	ngth		Avg			Width	1		Avg				eight			Avg	Total*
1.																			
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
Step	1. W	hat is the	MAV for		_	-	in Tabl	le 2-6?							Tot	tal Pa	ackage l	Error:	
		m	L 🗆		(cu in													
exce are r	eds the	e number	minus err permitted e Errors, s l.	for the	sample s	size in	Table	2-1., tł	ne sam	ple fai	ls; go t	Step	7. If	there	;	р 3:	Averag	ge Package	e Error:
Avei Step	rage E	rror is a n lculate th	age Error egative nu e Sample S e size to o	ımber, Standa	go to Ŝte rd Deviat	ep 5. ion (<i>s</i>) and m	ultiply	(s) by	the Sa	ample (•		Pac san the	L in S kage iple p lot.	Step 5 la Error i basses, g If no, t	arger than in Step 3? so to Step 7	signs, is the Average If yes, the and approve fails, go
		(s)		×	(SCF) _			= SE	L						Sic	r / ai		t die iot.	
		ction Take			ot Reject														
Ran	dom N	Numbers:	Enter th	e nun	ibers as	you se	elect th	em in	the to	p row	and re	orde	r then	ı in 1	he bot	tom	row.		

Date	e:	Во	rax A	Audit Worksheet					
Insp	ector:	Use only IF the sample fails the	net we	weight test. Use the lightest package in the sample.					
1.	Product:		2.	Lot Code:					
3.	Declared Net Weight on th	e 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:	neasure in milliliters used to calculate the							
		=	n	mL					
	Dry Measure: Dry Pint = 550.6 mL; Dry Quart = 1 101 mL; Liter = 1 000 mL								
9.	Empty Weight of Dry Mea	sure:							
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	e 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).

- 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
--

- 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? \Box Yes, go to Section 5. \Box 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.

		Softwoo	od Lur	nber Woi	rkshe	eet		
Section 4.	Compliance with t	he Average Requir	ement	- Width				
	late the Average Errositive number. Go							e Average Error is zero tep 11.
	late the Sample Stan o obtain the Sample				the Sa	ample Cori	rection Fact	or (SCF) for the sample
	(s)	× (SC.	F)	=	= SEL			
12. Disreg	garding the signs, is	the SEL in Step 11 l	arger tl	han the Ave	erage	Error in S	tep 10?	
	Yes, approve the lot	□ No, go to S	ection :	5				
Section 5.	Determine Moistu	re Shrinkage Allov	vance					
moisture te allowance te error is a m	est on each piece to to each piece, then re	determine if a moist e-calculate the avera ength measurement,	ture shi ige erro or if th	rinkage allo or and re-de	owanc etermi	e should l	be applied. ance with th	is exceeded, perform a Apply the appropriate ne MAV. If the average assurement the lot fails.
Piece Number	Moisture Conter	Moisture Shrinkage Allowance		Piece Number	. 1	Moisture	Content	Moisture Shrinkage Allowance
1.				7.				
2.				8.				
3.				9.				
4.				10.				
5.				11.				
6.				12.				
Section 6.	Action Taken:	☐ Lot Rejected		Lot Appro	ved			
Comments	5:		(Official Na	me/Si	ignature:		
			Ī	Date:				
Random N	Numbers: Enter the	e numbers as you s	elect th	nem in the	top r	ow and re	eorder then	n in the bottom row.
1/2020	I I	L	1	I		,	<u> </u>	L

			Softwood	Lum	nber Worksheet			
Product:				Mill	Number and Agend	ey:		
Labeled Di	mensions:			Add	ress:	City/State/Zip:		
Length:								
Width:				Brai	nd/Grade/Surface:	Testing Lo	cation:	
Thickness:								
Tillekiless:								
Piece Number	Average Length	Average Width	Average Thickness	8	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 Average:								
Average Error: Rev. 01/2020)							

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
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1.	Calculate the MAV for lab	eled 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 ler	gth = Do any of the minus errors for width exceed the MAV?
	\square Yes, go to Section 5.	□ No, go to Section 3
3.	Calculate the MAV for lab	eled 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	Plywood She	ets and	Wood-	Based Struc	tural Pan	els Wor	ksheet				
Section 4. C	ompliance with	the Average R	equiren	nent – W	idth							
	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 <i>SEL</i> in Step 11 larger than the Average Error in Step 10? If yes, approve the lot.												
☐ Yes, approve the lot. ☐ No, go to Section 5												
	es, approve the to											
Section 5. D	etermine Moistu	re Shrinkage	Allowan	ice								
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	Moistu Shrink Allowa	age		Piece Number		sture itent		Moistur Shrinkag Allowan	ge		
1.					7.							
2.					8.							
3.					9.							
4.					10.							
5.					11.							
6.					12.							
Section 6. A	ction Taken:	☐ Lot Rejec	ted	□ Lot	Approved							
Comments:					Official Nan	ne/Signatur	e:					
					Date:							
Random Nu	mbers: Enter the	numbers as yo	ou select	them in	the top row an	d reorder th	nem in th	e bottom	row.	I		
(Rev. 01/202)	0)								L			

Structural	Plywood Sh	eets and Woo	d-Based Str	ructural	Panels Worksh	neet		
Product:				Mill Nu	mber and Agend	ey:		
Labeled Di	mensions:			Address	dress: City/State/Zip:			
Length:								
Width:				Brand/0	Grade/Surface:	Testing Loc	ation:	
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:			
Total			I					
Average: Average								
Error: Rev. 01/2020								