U.S. Department Grain Inspection, Before proceeding	Packers & St	ockyards Admii t, review Chapt	er 2 of th	he Equ		pers cont time resp exist the cook.	on is not required to rol number. The valid required to complete onse and 3 seconds	ork Reduction Act of 1s respond to a collection of OMB control number this information collector frecordkeeping, incluthering and maintaining on.	of information unles for this information tion is estimated to ding the time for rev	s it displated in the contraction is seen to be contracted in the contraction in the cont	ys a valid OMB s 0580-0013. The O minutes per tructions, searching
determine accura	Clean, level, and balance the scale, before starting. Any test weights needed to letermine accuracy must have a current Report of Test to Class F tolerances. Date Field Office					es.	goney		Location	.	
Date		Tield Office				gency		Location	ı		
Scale make, model, and serial No.:				С	apacity	Х	division	size (d	d):		
		/pe of use, <u>not</u> l lerances, regard				oman numei	al II or III on the	front or the i.d. p	late. A marked	l scale i	s tested using
			Clá	ass II			Class III				
No. of Div. Tol.			No. of	Div.	Tol.						
	Class II	0-	5,000		1d		0-50	00	1d	Cl	ass III
		5,00	1-20,000)	2d		501-2,		2d		
		20),001+		3d		2,001-4 4,00		3d 5d		
An unmarked sca portions > 100 g),	, and General						ons from work p	oortions ≤ 100 g),	Moisture (and s	separati	ons from work
Тур	е		Туре		d			oads Required		Т	ol.
			sion, etc		0.01 g			7, 8, 9, 10, 20, 50			12 g
			ture, etc		0.1		above plus 150, 200, 250, 300, 40 above plus 500, 600, 700, 1000, 15				. <u>2</u> 1
Ш		Gen	eral, etc.	•			above plus 500,	000, 700, 1000,	1500 g		L
 Sensitivity trig loop (or reading loop) Shift Test the center and the 	ngs should ch Place weight	ange by at leas t of approx. 1/2	of the m	vision) aximu	. Repeat the te m test load (ap	est at the sca	le's maximum t the increasing lo	est load		4	1 2 3
		Quadrant 1		Qu	adrant 2	Qua	Quadrant 3 Quadrant 4		4	\overline{N}	1
Re	ading									4 2	
5. Increasing below. For <i>unma</i> to the tolerances	rked scales te	est at each load	indicate	ed abov					6. <u>Do</u> Perfor	m this te	sing Load.
Test Load	Indication	Test Load	Indica	ation	Test Load	Indication	Test Load	Indication		ıng weເឲ sing loa	on the distance of the second
1g		7g			100g		500				
2		8			150		600		Test L	.oad	Indication
3		9			200		700		4	00	
4		10			250		1000		2	00	
5		20			300		1500		Ę	50	
6		50			400						
		•	•				•	1	Test L	.oad	Indication
7. Balance C	hange. Re	ecord the maxin	num no-	load in	dication during	the above to	ests. Tolerance	is 1d.	-	0	
Annroy	ved □	Dis	annrov	red	П	Teste	ed by:				

FORM APPROVED OMB NO. 0580-0013

Laboratory Scale Test

Laboratory Scale Test												
U.S. Department of Agriculture Grain Inspection, Packers, & Stockyards Administration Before proceeding with this test, review Chapter 2 of the Equipment Handbook. Clean, level, and balance the scale, before starting. Any test weights needed to determine accuracy must have a current Report of Test to Class F tolerances.						Acco	FORM APPROVED OMB NO. 0580-0013 According to the Paperwork Reduction Act of 1995, no persons are required to respond to a color information unless it displays a valid OMB control number. The valid OMB control number information collection is 0560-0013. The time required to complete this information collection in					
						Information collection is Used-UU13. The time required to complete this information collection is stimulated to average 10 millionals per response and 3 seconds of recordisepting, including the reviewing instructions, searching existing data sources, gathering and maintaining the data reland completing and reviewing the collection of information.						
ate 1	mccs.	Field C	ffice	2		Ag	ency	3	L	ocation	1	
cale mak	ke, mode	l, and serial	No.:			Ca	pacity x d	ivision size	e (d):		r	
		Type of use, no			roma	an nume	ral II or III on I	the front or the	i.d. plate.	Gnarked scale	s tested us	
			Class	3 //				Class III		1		
		1	lo. of Div.	Tol.			No.	of Div.	Tol.	Class III		
			0-5,000	1d			0-	500	1d			
_	Class	y 5,	001-20,000	20			501-	-2,000	2d	•	7	
7			20,001 +	3d			2,00	1-4,000	3d	1	1	
•							4,0	101 +	5d]		
	П	Prenioinn etn	0.010			1	2345678	0 10 20 50 100	a	0.02 a	_	
											_	
?		Precision, etc. Moisture, etc.	0.01 g 0.1	1				9, 10, 20, 50, 100 00, 250, 300, 400 g		0.02 g		
3			0.1		(max	a	above plus 150, 20 bove plus 500, 600		1	-		
Class F Zero ba Sensitiv of the trig k	weights llance the vity Mecha oop (or reac	Moisture, etc. General, etc. used in this exar scale before the nical scales only fings should cha reight of approx. i each quadrant.	n were last test sensitivity test, At zero, add nge by at least	ed on this date shift test and ir weight equal to one division). F mum test load (c tolerance for t	one s	imum 3 sing load scale div at the tes ed during	above plus 150, 20 bove plus 500, 600 years) I test. ision. The scit at the scale y the increasing the increas	20, 250, 300, 400 g 10, 700, 1000, 1500 ale indicator s 10 s maximum te 10 load test) h	g hould movest load.	0.2		
Class F Zero ba Sensitiv of the trig k	weights llance the vity Mecha oop (or reac st Place w the edge of	Moisture, etc. General, etc. used in this exar scale before the nical scales only lings should chai	n were last test sensitivity test, At zero, add nge by at least	ed on this date shift test and in weight equal to one division). If	one s	imum 3 sing load scale div at the tes ed during	above plus 150, 20 bove plus 500, 600 years) I test. ision. The sci	20, 250, 300, 400 g 10, 700, 1000, 1500 ale indicator s 10 s maximum te 10 load test) h	ehould mov	0.2		
Class F Zero ba Sensitiv of the trig k Shift Te center and Read	weights weights llance the vity Mecha oop (or read st Place w the edge of	Moisture, etc. General, etc. used in this exar scale before the nical scales only fings should cha reight of approx. i each quadrant.	n were last test sensitivity test, At zero, add v nge by at least of	ed on this date shift test and in weight equal to one division). If mum test load (a tolerance for the	one : Repeate (appli) the ty	asing load scale divat the test ed during pe of sca Quar Og (or mor each o	above plus 150, 20 bove plus 500, 600 years) I test. Isision. The sciet at the scale of the increasing the in	ale indicator s s maximum teng load test) h	g hould movest load.	0.2	test while ights from	
Class F Zero ba Sensitiv of the trig k Shift Te center and Read	weights llance the vity Mecha oop (or read st Place w the edge of ding ling Load elow. For u scale accord	Moisture, etc. General, etc. used in this exars scale before the nical scales only, lings should chair reight of approx. feach quadrant. Quadrant 1 For marked scales ing to the tolerar	n were last test sensitivity test, At zero, add v nge by at least of	ed on this date shift test and in weight equal to one division). If mum test load (a tolerance for the	one s Reperior (appli) the ty	asing load scale divat the test ed during pe of sca Quar Og (or mor each o	above plus 150, 20 bove plus 500, 600 years) I test. Isision. The sciet at the scale of the increasing the in	ale indicator s s maximum teng load test) h	g hould movest load.	ve to the 6. Decreas Perform this removing we	test while ights from	
Class F Zero ba Sensitiv of the trig k Shift Te center and Read Increasi indicated by aluate the s	weights llance the vity Mecha oop (or read st Place w the edge of ding ling Load elow. For u scale accord	Moisture, etc. General, etc. used in this exars scale before the nical scales only, lings should chair reight of approx. feach quadrant. Quadrant 1 For marked scales ing to the tolerar	n were last test sensitivity test, At zero, add v nge by at least 1/2 of the maxin Apply the basic	ed on this date shift test and ir weight equal to one division). If mum test load (to tolerance for to tuadrant 2 In load from 1g to di indicated above, for the type	one s Reperior (appli) the ty	asing load sing load at the test of Scrippe	phove plus 150, 20 pove plus 500, 600 pyears) I test. Ision. The scale the scale and test lo drant 3 pax. capacity) of the scale's the s	ale indicator s s maximum teng load test) h Quad as	g hould movest load.	ve to the 6. Decreas Perform this removing we the increasing	test while ights from g load test	
Class F Zero ba Sensitiv of the trig lo Shift Te center and Increasi indicated be aluate the s	weights llance the vity Mecha oop (or read st Place w the edge of ding ling Load elow. For u scale accord	Moisture, etc. General, etc. used in this exar scale before the nical scales only, lings should cha reight of approx. each quadrant. Quadrant 1 For marked scal marked scales ing to the tolerar Test Load	n were last test sensitivity test, At zero, add v nge by at least 1/2 of the maxin Apply the basic	ed on this date shift test and ir weight equal to one division). F mum test load (c tolerance for t quadrant 2	one s Reperior (appli) the ty	asing load sing load at the test of Scrippe	above plus 150, 20 pove plus 500, 600 pyears) I test. ision. The scit at the scale of the increasing ale and test lood drant 3 Test Load	ale indicator s s maximum teng load test) h Quad as	g hould movest load.	e to the Ween 6. Decreas Perform this removing we the increasir Test Load	test while ights from g load test	

Test Load	Indication						
1g		7g		100g		500	
2		8		150		600	
3 1	0	9		200		700	
4	U	10		250		1000	
5		20		300		1500	
6		50		4000			

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Indication
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		l .	1	-	l				
7 Balanc	e Change	Record the	mavimum no-l	oad indication	during the abo	we tests. Tole	erance is 1d		Tes
7. <u>Balano</u>	<u>c Gnange</u>	. Itooora tiio i	TIOMITION TO	oud maioution	duming the disc	770 to5t5. TOR	orunoc is ra.	-10	
proved	10		proved		Tested	By: 1 4		12	
M FGIS-904 (1-02) (Pre ous e tior	ns are obsolete.)				14			

	Test Load	Indication
	0	
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Approved	Disapproved	Tested By: 1
ORM FGIS-904 (1-02) (Previous e)	ions are obsolete.)	14

o respond to a collection control number for this action collection is g, including the time for

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ations from work

s test while reights from ing load test.

Indication

Indication

INSTRUCTIONS FOR COMPLETING FORM FGIS-904, "LABORATORY SCALE TEST"

- 1. Date the test was performed.
- 2. Field office that performed or supervised the performance of the test.
- 3. Agency that performed the test, when applicable.
- 4. Location of the field office or agency that performed the test.
- 5. Name of the manufacturer, model number, and scale serial number.
- 6. Maximum rated scale capacity and the minimum scale division size.
- 7. Indicate with a check mark if the scale is marked with an accuracy cla
- 8. Indicate with one or more check marks the application of the unmarke moisture, or general.
- 9. Record scale indications from the shift test.
- Increasing Load Test Test marked scales at each test load indicated capacity, whichever is less. Test unmarked scales at each test load sl
- 11. Decreasing Load Test Test marked scales at each load indicated, as unmarked scales at approximately ½ the maximum test load used in t If the scale is mechanical, do not perform the test or complete this po
- 12. Balance Change Scale indication with zero load at completion of te
- 13. Has the scale met all requirements of the pre-test inspection as well accuracy tests?
- 14. Name of the person who performed this test.

FAX Number (202) 720-1015

GIPSA, Field Management Division

Return Form To: Retain in official file.

Any Questions Call: Local GIPSA field Office.

ss, such as Class II.

d scale; precision,

up to 1,500 g or hown in the table checked off in item 8, above.

appropriate. Test the increasing load test. ortion.

sting must be ≤ 1 division.

as each (all) of the