Lá	aborat	ory So	cale Tes	st .		EO BY	A ADDDOVED OME	NO 0590 0012					
U.S.	Department	of Agricultur	e			Accor	FORM APPROVED OMB NO. 0580-0013 According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a						
Grain Inspection, Packers & Stockyards Administration							person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0580-0013. The time required to complete this information collection is estimated to average 10 minutes per response and 3 seconds of recordkeeping, including the time for reviewing instructions, searchin existing data sources, gathering and maintaining the data needed, and completing and reviewing						
Clea	an, level, and	balance the	est, review Chapt scale, before sta e a current Repo	arting. Any te	st weights need	oook.  ded to	llection of informat				g		
	ate		Field				ency		Lo	cation			
Scale make, model, and serial No.:						Ca	pacity	· · · · · · · · · · · · · · · · · · ·	div	division size (d):			
											,		
			Type of use, <u>not</u> olerances, regar			roman numer	al II or III on th	e front or the i.d	d. plate. A	marked scale	is tested using		
				Class II				Class III					
			No.	of Div.	Tol.		No. of	Div.	Tol.				
		Class II	0-	5,000	1d		0-50	00	1d	CI	ass III		
			5,002	1-20,000	2d		501-2,	000	2d				
		_	20	),001+	3d		2,001-4	1,000	3d		_		
							4,00.	1+	5d				
porti	ions > 100 g); Typ:		al (and separatio		,	g).	Total	and Damind					
	. yp	C	_	Туре	d	1		oads Required	70 100 ~		ol.		
			-	sion, etc.	0.01 g 0.1			7, 8, 9, 10, 20, 5			2 g		
			-	Moisture, etc.			above plus 150, 200, 250, 300, 400 g			1.2			
	Ш		General, etc. 1		a	above plus 500, 600, 700, 1000, 1500 g				L			
1.	Class F w	<b>eights</b> use	ed in this exam w	ere last teste	d on this date (i	maximum 3 ye	ears)						
					•	,	<i>,</i>						
2.	Zero balaı	nce the sca	le before the ser	nsitivity test, s	shift test and inc	reasing load t	est.						
2	Sensitivity	V Mechanic	al scales only. A	At zero add w	eight egual to o	na scala divis	ion The scale	indicator chou	ld move to	the top of			
			uld change by at						iid iiiove te	rine top of	$\overline{}$		
										$\wedge$	1		
4.	Shift Test	Place weigl	ht of approx. 1/2	of the maxim	um test load (a	pplied during t	he increasing	load test) halfw	ay betwee	en ( <b>4</b>	$X^2$		
the (	center and the	e edge of ea	ch quadrant. Ap	ply the basic	tolerance for th	e type of scale	e and test load			X	3		
			Quadrant 1	Q	uadrant 2	Quad	Irant 3	Quadran	t 4		1		
	Re	ading								4	X2		
											3		
			or <i>marked</i> scales										
			test at each load		ove, for each of	the scale's us	ses. Evaluate	the scale accor	-				
to th	e tolerances	shown abov	e for the type of	scale tested.						6. Decreas			
г				I	1	1	1			Perform this to removing weight			
L	Test Load	Indication	Test Load	Indication	Test Load	Indication	Test Load	Indication		increasing loa			
	1g		7g		100g		500						
	2		8		150		600			Test Load	Indication		
	3		9		200		700			400			

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

400

7. Balance Change. Record the maximum no-load indication during the above tests. Tolerance is 1d.

50

Test Load	Indication
400	
200	
50	

Test Load	Indication
0	

Approved 🗌	Disapproved	Tested by:

in Inspec fore proce ndbook. C	tion, Pa eeding w Clean, le ded to d	with this te evel, and b	Stockyards A st, review Ch palance the si	apter 2 of the cale, before :		According information estimates and set of the contract of the	nformation unless it mation collection is mated to average 10 ewing instructions, s	work Reduction Act displays a valid OMI : 0580-0013. The tir ) minutes per respo	B control r me require nse and 3 ata source	io persons are required to number. The valid OMB or id to complete this informa seconds of recordkeeping es, gathering and maintaini ation.	ontrol numbe tion collectio , including th
ate $m{1}$			Field O	fice	2	Ag	gency	3		Location	1.
ale ma	ike, m	nodel, a	nd serial	No.:		Ca	apacity x di	ivision size	(d):	<del>_</del>	r
<b>ck mark t</b> r Class II (	the Class	ss or Typ s III tolerai	e of use, <u>not</u> nces, regardl	both. A ma	arked scale bas a t is used for.	a roman nume	eral II or III on t	he front or the	i.d. plati	e. <b>G</b> narked scale i	s tested i
				Cle	ass II			Class III			
			No	o. of Div.	Tol.		No.	of Div.	Tol.	Class III	
				)-5,000	1d		0-	500	1d		
_	С	Class II	5,0	01-20,000	2d		501-	2,000	2d	7	7
7			2	0,001 +	3d		2,001	-4,000	3d	T .	1
•							4,0	01 +	5d		
Zero ba	F weig	ahts used the scale	e before the s	ensitivity tes At zero, add	sted on this date st, shift test and in	maximum 3	years)d test.		ould mo	ove to the	
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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.
- 10. 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.

ed 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  $\leq 1$  division.

as each (all) of the