U.S. DEPARTMENT	OF AGRICULTURE
	OF AGRICOLIONE

GRAIN INSPECTION, PACKERS AND STOCKYARDS ADMINISTRATION

AGENCY

## **TESTWEIGHT CHECKTEST**

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a 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 is 0580-0013. The time required to complete this information collection is estimated to average 5 minutes per response, including the time for reviewing instructions, search existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

NOTE: TEST UNIT OPERATOR FILL IN SHADEI	D AREAS ONLY
DATE MAILED	FIELD OFFICE

LOCATION

FORM APPROVED OMB. 0580-0013

 SCALE / BEAM TEST

 Before proceeding with test review Chapter 5 of the Equipment Handbook. Clean, level and balance the scale, filling apparatus, and kettle. Test weights must have a current Class F Report of Test.

 Scale Brand / Model / Serial No. / Date of Test

 Scale Test for Electronic or Mechanical Grain Scales: This scale was tested in accordance with Chapter 2 of the Equipment Handbook and found to be within tolerance.

 Beam Test: Complete test below. Tolerance is +/- 0.10 pound.

 Load
 Beam
 Error
 Load
 Beam
 Error
 Sensitivity
 Beam Response

 Q
 Ib
 Reading
 Error
 Q
 Ib
 Reading
 OK 2

g	lb	Reading	Error	g	lb	Reading	Error	g	lb	Reading	Error	@ 60	lb/bu	Oł	<sup `
0	0			142	10			850	60			g	lb	Yes	No
71	5			425	30							850+1 g	60+1g		

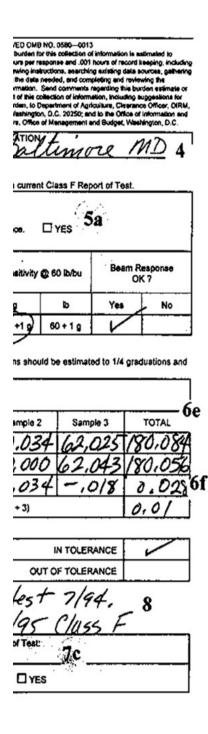
## **GRAIN TEST**

Before the Grain Test, check alignment of the funnel and kettle. Record results to 0.00 pound for mechanical or electronic scales. For beams, the 0.1 pound graduations should be estimated to ¼ graduations and recorded as 0.025, 0.050, 0.075, or 0.100 pounds. For each sample, strike the highest and lowest drops and average the remaining three results.

TEST UNIT Beam / Filler Brand & Serial No.				STANDARD UNIT Beam / Filler Brand & Serial No.				TEST SUMMARY				
Kettle Brand & Serial No.			Kettle Brand & Serial No.									
Drop	Sample 1	Sample 2	Sample 3	Drop	Sample 1	Sample 2	Sample 3		Sample 1	Sample 2	Sample 3	TOTAL
1				1				TEST UNIT	0.000	0.000	0.000	0.000
2				2				STD. UNIT	0.000	0.000	0.000	0.000
3				3				DIFFERENCE	0.000	0.000	0.000	0.000
4		4						Mean Deviation from Standard (Total Diff. $\div$ 3)				
5	5							MDS Tolerance = 0.15 lb / bu IN TOLERANCE				
Avg				Avg						OUT OF TO	ERANCE	
Results By: Date:			Results	By:		Date:	Remarks					
						VOLUM	IE TEST	-				
Scale Used in Test / Brand / Model / Serial No. Kettle Brand								Results	By: / Date	e of Test:		
GROSS - TARE = NET WEIGHT (1,098.08 g						08 g at 68 °F)	OR	Filled kettle $\pm$ 1.0 g of Standard counter weight.				TES YES

Form FGIS-927 (7-96) Previous Editions are Obsolete. Expires January 2015

DATE MAIL	LED 7-		SHADED AF			TES	TWEIGH <sup>-</sup>	Т СНЕСКТ	EST		collecti any of reducin AG Box	Antoning the special of 7830, V Mory Alte
lefore proce		1-96	1	FIELD OF	FICEBAL	timo	ne_	AGENCY			s —	1%
	eeding with te	st review Chap	ter 5 of the E	Equipment H			SCALE /	BEAM TEST scale, filling app	aratus, and	kettle. Test	weights must	have a
Scale Brand	d / Model / Si n/C/3/4A for Electronic	IKS G	of Test /403/ Grain Scale:	5 5: This scale	-2-9	2		2 of the Equipr				
Lo	bed	Beam		L		Beam		Log	a	Beam		
9	lb.	Reading	Error	9	b	Reading	Error	8	lb (	Reading	Error	Ser
. 0	0	0.000	0.000	(142)	10	10,050	0,050	(850)	60	60,050	0050	1
(1)	5	5,000	0.000	(425)	30	3000	0,000		1.1		1.1	850
rain	and & Serial (	Brand & Seria G/40 No. <i>Oha W</i>	<u>315</u> 5 <i>#[0</i>	ba // 3 ке	TTLE Brand	9833	4   Sca Seedburg	1040 20 10-#201	TEST SU		Sample 1	St
Orop 3	Sample 1	Sample 2	Samp	le 3 Dr	op Same	bka1 S	Sample 2	Sample 3	TEST	UNIT 5	8.025	$\omega$
15	8.000	60,000	62.0	066c	58	00 6	0,00	62.05	STD. U	JNIT 5	8,013	60
2 5	8.025	60.050	620	75 .	57	916	2,10	62.00	DIFFER	ENCE	,012	<u></u>
3 51	8.025	60.05	062.0	50 3	57.	94 5	7.89	62.07	Mean De	viation from	Standard (To	tal Diff.
1 5	2.050	59.07	5620	25 4	581	12 6	0,08	62.01	MDS Tok	erance = 0.1	5 lb / bu	
\$ 58	3.025	60.05	0162-6	00 :	58,	10 5	9.92	62.11	1			
AND 53	8.025	60.03	H62.0	22.64	58.	013 6	0.000	62.043	!			
Resetts By:	QШ	1	312	961	Ritd	hM		911/96	Remarkis	Lasi	volun	np y
	V		, ,		V \	-//(		E TEST		143 to		- 94
Scale Used	in Test / Brar	nd / Model / Se	net No.	a		KETTLE BO	and & Serial I	No.	7b	( ·	Results By	/ Date (
GROSS	s —	TARE		NET	WEIGHT (1,	098.08 ± 1.0 {	at 68 *F.)	OR Filled	kettie ± 1.0	a of Standar	d counter we	ight.



## INSTRUCTIONS FOR COMPLETING FORM FGIS-927, "TESTWEIGHT CHECKTEST"

- 1. Date the test samples and form FGIS-927 are mailed to the agency, as applicable.
- 2. FGIS field office participating in the test.
- 3. Agency that performed the test, when applicable.
- 4. Location of the field office or agency that is being tested.
- 5. Complete either Scale Test or Beam Test.

a. Scale Test. Certify that the electronic (or mechanical, ger appropriate instructions in Chapter 2.

b. Beam Test. Show the load in the kettle, the beam reading error. Do not fill in for electronic scales.

6. Grain Test.

FORM FGIS-927, "TESTWEIGHT CHECKTEST"

a. Test unit's brand and serial number.

b. Test unit's results, shown as indicated (or to 0.00 pound) bushel

graduations shall be broken down into 1/4 increments and  $\ensuremath{r_{\text{l}}}$ 

c. For each sample, examine the five readings and strike th

d. Average of the remaining three readings, shown to 0.000

e. The summary "TOTAL" result for the Test Unit is the sum

f. Total Difference is divided by 3 to yield mean deviation frc

g. Mean deviation from standard tolerance is  $\pm$  0.15 lb/bu.

7. Volume Test.

the

8.

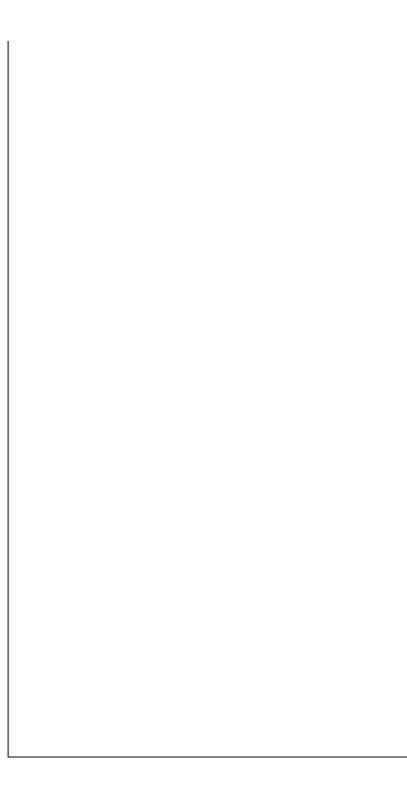
a. Record the brand, model and serial number of the scale

b. Record the brand and serial number of the kettle.

c. Name of test operator and date.

d. For electronic balances, record the tare, gross, and net deviation from target value is  $\Box$  1.0 g.

Remarks. Show date of last volume test, date that Class



## FGIS field office or

neral-class scale) has been tested in accordance with

gs, and the error. Reading minus target weight equals

for electronic scales. For beams, the tenth pound per ead as 0.025, 0.050, 0.075, 0.100. In highest and the lowest result. pound per bushel. of the averages from Samples 1, 2 and 3.

om standard (MDS), shown to 0.01 lb/bu.

or balance used to test the kettle volume.

t weight. For mechanical balances, check mark "YES"

F weights were tested, etc.

