

U.S. DEPARTMENT OF AGRICULTURE
GRAIN INSPECTION, PACKERS AND STOCKYARDS ADMINISTRATION

TESTWEIGHT CHECKTEST

FORM APPROVED OMB. 0580-0013
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NOTE: TEST UNIT OPERATOR FILL IN SHADED AREAS ONLY

DATE MAILED	FIELD OFFICE	AGENCY	LOCATION
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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.													☐ Yes		
Beam Test: Complete test below. Tolerance is +/- 0.10 pound.															
Load		Beam Reading	Error	Load		Beam Reading	Error	Load		Beam Reading	Error	Sensitivity @ 60 lb/bu		Beam Response OK?	
g	lb			g	lb			g	lb			g	lb	g	lb
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. ÷ 3)				
5				5				MDS Tolerance = 0.15 lb / bu IN TOLERANCE				
Avg				Avg				OUT OF TOLERANCE				
Results By:			Date:	Results By:			Date:	Remarks				

VOLUME TEST

Scale Used in Test / Brand / Model / Serial No.			Kettle Brand & Serial No.			Results By: / Date of Test:	
GROSS	- TARE	=	NET WEIGHT (1,098.08 g at 68 °F)			OR	Filled kettle ± 1.0 g of Standard counter weight.
			g				☐ YES

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TESTWEIGHT CHECKTEST

FORM APPROVED
Public reporting
average .063 hr
the time for copy
and maintaining
collection of info
any other aspect
reducing this bu
AG Box 7830, V
Regulatory Affai

NOTE: TEST UNIT OPERATOR FILL IN SHADED AREAS ONLY

DATE MAILED 7-1-96 1 FIELD OFFICE Baltimore AGENCY 3 LOC P

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 s

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

FAIRBANKS G140315 7-2-96

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 toleran

Beam Test: Complete test below. Tolerance is ± 0.10 pound.

Load		Beam Reading	Error	Load		Beam Reading	Error	Load		Beam Reading	Error	Ser
g	lb			g	lb			g	lb			
0	0	0.000	0.000	(142)	10	10.050	0.050	(850)	60	60.050	0.050	
(71)	5	5.000	0.000	(425)	30	30.000	0.000					(850)

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 graduation 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 Brand / Filler Brand & Serial No.				STANDARD UNIT Brand / Filler Brand & Serial No.				TEST SUMMARY	
<u>Fairbanks G140315</u> <u>6a</u>				<u>Mettler K98334 / Seedbu</u> <u>#201</u>					
KETTLE Brand & Serial No. <u>Ohaks #103</u>				KETTLE Brand & Serial No. <u>Seedbu</u> <u>#201</u>				Sample 1	Si
Drop	Sample 1	Sample 2	Sample 3	Drop	Sample 1	Sample 2	Sample 3	TEST UNIT	
1	58.000	60.000	62.000	6c	58.00	60.00	62.05	58.025	60
2	58.025	60.050	62.075	2	57.91	60.10	62.00	STD. UNIT	58.013 60
3	58.025	60.050	62.050	3	57.94	59.89	62.07	DIFFERENCE	.012
4	58.050	59.075	62.025	4	58.12	60.08	62.01	Mean Deviation from Standard (Total Diff.	
5	58.025	60.050	62.000	5	58.10	59.92	62.11	MDS Tolerance = 0.15 lb / bu	
Avg	58.025	60.034	62.025	6d	58.013	60.000	62.043		
Results By: <u>Paul W</u>	Date: <u>7/2/96</u>			Results By: <u>Ritchie M</u>	Date: <u>7/1/96</u>			Remarks: <u>Last volume</u> <u>Wts tested 9,</u>	

VOLUME TEST

Scale Used in Test / Brand / Model / Serial No. 7a KETTLE Brand & Serial No. 7b Results By / Date

GROSS — TARE — NET WEIGHT (1,098.08 $\pm$ 1.0 g at 68 °F.) OR Filled kettle $\pm$ 1.0 g of Standard counter weight.

OMB NO. 0580-0013
 Burden for this collection of information is estimated to
 runs per response and .001 hours of record keeping, including
 riving instructions, searching existing data sources, gathering
 the data needed, and completing and reviewing the
 mation. Send comments regarding this burden estimate or
 t of this collection of information, including suggestions for
 rden, to Department of Agriculture, Clearance Officer, OIRM,
 Washington, D.C. 20250; and to the Office of Information and
 rs, Office of Management and Budget, Washington, D.C.

ATION: Baltimore MD 4

Current Class F Report of Test.

ce. ☐ YES 5a	
Activity @ 60 lb/bu	Beam Response OK?
g	Yes No
+1 g 60 + 1 g	☒ ☐

ns should be estimated to 1/4 graduations and

Sample 2	Sample 3	TOTAL
.034	62.025	180.084
.000	62.043	180.056
.034	-.018	0.028
+ 3)		0.01

IN TOLERANCE	☒
OUT OF TOLERANCE	☐

test 7/94. **8**
 195 Class F

of Test: 7c
☐ YES

FORM FGIS-927, "TESTWEIGHT CHECKTEST"

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

- Date the test samples and form FGIS-927 are mailed to the agency, as applicable.
- FGIS field office participating in the test.
- Agency that performed the test, when applicable.
- Location of the field office or agency that is being tested.
- Complete either Scale Test or Beam Test.
 - Scale Test. Certify that the electronic (or mechanical, per appropriate instructions in Chapter 2.
 - Beam Test. Show the load in the kettle, the beam reading error. Do not fill in for electronic scales.
- Grain Test.
 - Test unit's brand and serial number.
 - Test unit's results, shown as indicated (or to 0.00 pound) bushel graduations shall be broken down into 1/4 increments and rounded.
 - For each sample, examine the five readings and strike the average of the remaining three readings, shown to 0.000
 - The summary "TOTAL" result for the Test Unit is the sum of the three readings.
 - Total Difference is divided by 3 to yield mean deviation from target value.
 - Mean deviation from standard tolerance is ± 0.15 lb/bu.
- Volume Test.
 - Record the brand, model and serial number of the scale.
 - Record the brand and serial number of the kettle.
 - Name of test operator and date.
 - For electronic balances, record the tare, gross, and net weight. The deviation from target value is ☐ 1.0 g.
- Remarks. Show date of last volume test, date that Class I

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.

ie highest and the lowest result.

pound per bushel.

of the averages from Samples 1, 2 and 3.

m 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.

