



U.S. DEPARTMENT OF AGRICULTURE
Grain Inspection, Packers & Stockyards Administration
Moisture Meter Test

FORM APPROVED
OMB NO. 0580-0013

File Name: _____

Field Office _____
Agency _____
Location _____
Phone _____
Fax _____

☐ INITIAL
☐ RETEST
☐ REPAIR
☐ 2ND SAMPLE

PARTS A. AND B. CALIBRATION CONSTANTS & DIAGNOSTIC VALUES VERIFICATION

VERIFIED K1 THRU K9 : Initials _____

METER S/N	SCD1	SCD2
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PART C. WEIGHING ACCURACY TEST

	DROP 1	DROP 2	DROP 3	DROP 4	DROP 5
D3 VALUE					
D3 / 10 ROUND TO 0.1					
SCALE WEIGHT (g)					
GAC WT - SCALE WEIGHT	0.0	0.0	0.0	0.0	0.0

AVG OF DIFFERENCES	0.0	RANGE OF DIFFERENCES	0.0
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PART D. GRAIN MOISTURE SAMPLE TEST

METER CAC	SAMPLE I.D.
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	DROP 1	DROP 2	DROP 3	DROP 4	DROP 5	DROP 6
DISPLAY MOISTURE						
D1						
D2						
D3						
D4						
CALC. MOISTURE						
AVG MOISTURE	#DIV/0!					
STD. AVG. MOISTURE						
DEVIATION	#DIV/0!					
TOLERANCE	0.15					

OPERATOR (FIELD):	DATE TESTED:
REVIEWER (HQ):	DATE REVIEWED:

RECOMMENDED ACTION: APPROVED ☐ RETEST ☐ REPAIR ☐

COMMENTS

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 collection is 0580-0013. The time required to complete this information collection is estimated to average 20 minutes per response and 1 minute of recordkeeping, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.



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PARTS A. AND B. CALIBRATION CONSTANTS & DIAGNOSTIC VALUES VERIFICATION

VERIFIED K1 THRU K9 : Initials _____

METER S/N _____

SCD1

SCD2

PART C. WEIGHING ACCURACY TEST

	DROP 1	DROP 2	DROP 3	DROP 4	DROP 5
D3 VALUE	1	2	5		
D3 / 10 ROUND TO 0.1	2	3			
SCALE WEIGHT (g)	3	4			
GAC WT - SCALE WEIGHT					
AVG OF DIFFERENCES	6				
RANGE OF DIFFERENCES				7	

PART D. GRAIN MOISTURE SAMPLE TEST

METER CAC _____

SAMPLE I.D. _____

	DROP 1	DROP 2	DROP 3	DROP 4	DROP 5	DROP 6
DISPLAY MOISTURE	3					
D1	4	5				
D2						
D3						
D4						
CALC. MOISTURE						
AVG MOISTURE						
STD. AVG. MOISTURE	8					
DEVIATION	9			6		
TOLERANCE	0.15					

RECOMMENDED ACTION:

APPROVED ☐

RETEST ☐

REPAIR ☐

COMMENTS

Public reporting burden for this collection of information is estimated to average 0.083 hours per response and 0.001 hours of record keeping, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, OIRM, AG Box 7630, Washington, D.C. 20250; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C.

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ON

DROP 5

DROP 6

TESTED:
REVIEWED:

REPAIR	<input type="checkbox"/>
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0.001 hours of record keeping,
ta needed, and completing and
this collection of information,
, D.C. 20250; and to the Office

Instructions for Completing Form FGIS-923, "Moisture Meter Test"

Fill in any missing or incorrect information in the Identification Block.

Part A.

Verify all official calibration constants. Update all obsolete calibrations.

Part B.

Enter meter serial number.

Enter SCD1 and SCD2 values.

Part C.

- 1 Enter the result of the first drop (the D3 value).
- 2 Divide the D3 reading by 10. Record the result to 0.1
- 3 Enter the weight reading from the lab scale.
- 4 Enter the difference (Item 2 minus Item 3).
- 5 Repeat Item 1 through Item 4 for a total of five drops.
- 6 Enter the average difference (average of five differences).
- 7 Enter the range of differences (total spread of the differences).

Part D.

- 1 Enter the CAC from the meter display (not from record book).
- 2 Enter the grain sample identification.
- 3 Enter the moisture display for the first drop.
- 4 Enter the values D1, D2, D3, and D4 for the first drop.
- 5 Repeat Items 3 and 4 for a total of six drops.
- 6 Enter the name of the field test meter operator.
- 7 Enter the date.
- 8 Check the box whether the meter is approved for use, if not, explain.
- 9 Any additional comments necessary concerning the test.

0.001 hours of record keeping,
ta needed, and completing and
this collection of information,
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Initial to indicate that all calibrations are correct.

es from Item 4).
rences).

ds).

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needs testing again, or repairing.
st or information about the meter.