



**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.

	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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**Part A**  
**Part B**  
**Part C**  
**Part D**

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

**PART D. GRAIN MOISTURE SAMPLE TEST**

METER CAC	1	SAMPLE I.D.	2
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	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		7
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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Form FGIS 923 (9-98)

FORM APPROVED  
OMB NO. 0580-0013

File Name:

- INITIAL
- RETEST
- REPAIR
- 2ND SAMPLE

ON


DROP 5


DROP 6

TESTED:

REVIEWED:

REPAIR

0.001 hours of record keeping,  
data 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).
- 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.
- 9 Any additional comments necessary concerning the test.

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

es from Item 4).  
ferences).

ds).

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