

U.S. DEPARTMENT OF AGRICULTURE
 Agricultural Marketing Service
Moisture Meter Test

FORM APPROVED
 OMB NO. 0581-0309

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

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. Initial to indicate that all c

Part B.

Enter meter serial number.

Enter SCD1 and SCD2 values.

Part C.

Enter the result of the first drop (the D3 value).

Divide the D3 reading by 10. Record the result to 0.1

Enter the weight reading from the lab scale.

Enter the difference (Item 2 minus Item 3).

Repeat Item 1 through Item 4 for a total of five drops.

Enter the average difference (average of five differences from Item 4).

Enter the range of differences (total spread of the differences).

Part D.

Enter the CAC from the meter display (not from records).

Enter the grain sample identification.

Enter the moisture display for the first drop.

Enter the values D1, D2, D3, and D4 for the first drop.

Repeat Items 3 and 4 for a total of six drops.

Enter the name of the field test meter operator.

Enter the date.

Check the box whether the meter is approved for use, needs testing again, or r

Any additional comments necessary concerning the test or information about t

alibrations are correct.

epairing.
he meter.