



APLMF Survey on the test procedure for the verification of rice moisture meters with a digital indication

Economy Name:
Name of person completing the survey:
Organisation responsible for the tests procedures within your economy:
 Please complete this survey to indicate how your economies current test procedures align with the test procedures described below.
 Only tick (✓) one box per test.
Send your completed survey to <u>Secretariat@aplmf.org</u> by:

Survey

Test Name	Procedures Description	Fully aligns	Partially aligns	Does not align
Environmental condition	 The room temperature is in a range from 20 °C to 30 °C (with stability within ±1 °C). 			
	• The relative humidity is in a range from 30 % to 70 % (with stability within ±5 %).			
	Place the moisture meter under test (MUT) and reference samples at the constant environmental condition at least 3 hours before the test.			
Defense	Prepare a set of reference samples of rice with different levels of moisture content (5 levels or more).			
	The above levels shall include a range of moisture content from 10 % to 20 %.			
Reference samples	Each sample shall be homogenized.			
	The reference values of moisture content of the reference samples have been measured in advance with a reference (dry oven) method or a primary standard moisture meter.			

Visual and electrical inspections	There are no damages in the housing, display and sample holder.
	LCD (liquid crystal display) functions correctly.
	Instrument temperature agrees with the room temperature within ± 3 °C.
	Battery voltage is within a normal range (use a self-checking function).
	Electrical performance of the meter is normal (use a checker-kit).
Measurement of errors	Measure moisture contents of the reference samples using the moisture meter under test (MUT) at different levels (5 levels or more).
	Repeat at least 5 measurements at each level of moisture content.
	Averages of the measurement results agree those of reference samples within MPE (maximum permissible error) specified by the national/regional authority.

Thank you for completing this Survey

Best Regards

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