

**§ 801.4 Tolerances for dockage testers.**

The maintenance tolerances for dockage testers used in performing official inspection services shall be:

Item	Tolerance
Air separation .....	±0.10 percent, mean deviation from standard dockage tester using Hard Red Winter wheat
Riddle separation .....	±0.10 percent, mean deviation from standard dockage tester using Hard Red Winter wheat
Sieve separation .....	±0.10 percent, mean deviation from standard dockage tester using Hard Red Winter wheat
Total dockage separation.	±0.15 percent, mean deviation from standard dockage tester using Hard Red Winter wheat

**§ 801.5 Tolerance for diverter-type mechanical samplers.**

The maintenance tolerance for diverter-type mechanical samplers (primary, or primary and secondary in combination) used in performing official inspection services shall be ±10 percent, mean deviation from standard sampling device using corn or the same type of grain that the system will be used to sample.

**§ 801.6 Tolerances for moisture meters.**

(a) The maintenance tolerances for Motomco 919 moisture meters used in performing official inspection services shall be:

(1) Headquarters standard meters:

Moisture range	Tolerance	
	Direct comparison	Sample exchange
Low .....	±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat	
Mid .....	±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat	
High .....	±0.05 percent moisture, mean deviation from National standard moisture meter using Hard Red Winter wheat	

(2) All other than Headquarters standard meters:

Moisture range	Tolerance	
	Direct comparison	Sample exchange
Low .....	±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat	±0.20 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat
Mid .....	±0.10 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat	±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat
High .....	±0.15 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat	±0.20 percent moisture, mean deviation from standard moisture meter using Hard Red Winter wheat

(b) The maintenance tolerances for GAC 2100 moisture meters used in performing official inspection services shall be:

(1) Headquarters standard meters. By direct comparison using mid-range Hard Red Winter wheat, ±0.05% mean deviation for the average of the Headquarters standard moisture meters.

(2) All other than Headquarters standard meters. By sample exchange using mid-range Hard Red Winter

wheat, ±0.15% mean deviation from the standard meter.

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**§ 801.7 Reference methods and tolerances for near-infrared spectroscopy (NIRS) analyzers.**

(a) *Reference methods.* (1) The chemical reference protein determinations used to reference and calibrate official NIRS instruments shall be performed in accordance with "Comparison of