

§ 801.3

shall be standard inspection equipment. (See also direct comparison method.)

(16) *Sieves.* Approved laboratory devices with perforations for use in separating particles of various sizes.

(17) *Standard inspection equipment.* An approved unit of inspection equipment that is designated by the Service for use in determining the accuracy of official inspection equipment.

(18) *Test weight.* The avoirdupois weight of the grain or other material in a level-full Winchester bushel.

(19) *Test weight apparatus.* An approved laboratory device used to measure the test weight (density) of a sample of grain.

(20) *Transfer standard.* The medium (device or material) by which traceability is transferred from one inspection equipment standard unit to another unit.

(21) *Winchester bushel.* A container that has a capacity of 2,150.42 cubic inches (32 dry quarts).

§ 801.3 Tolerances for barley pearlers.

The maintenance tolerances for barley pearlers used in performing official inspection services shall be:

Item	Tolerance
Timer switch: 0 to 60 seconds	±5 seconds, deviation from standard clock.
61 to 90 seconds ...	±7 seconds, deviation from standard clock.
Over 90 seconds ...	±10 seconds, deviation from standard clock.

Item	Tolerance
Pearled portion	±1.0 gram, mean deviation from standard barley pearler using barley.

§ 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.

The maintenance tolerances for moisture meters used in performing official inspection services shall be:

(a) 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.	

(b) 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.