

Agricultural Marketing Service, USDA

§ 42.102

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- 42.143 Operating Characteristic (OC) curves for on-line sampling and inspection.

AUTHORITY: Secs. 203, 205, 60 Stat. 1087, as amended, 1090, as amended (7 U.S.C. 1622, 1624).

Subpart A—Definitions

§ 42.101 Meaning of words.

Words used in this part in the singular form shall be considered to import the plural, or vice versa, as the case may demand.

[31 FR 4687, Mar. 19, 1966; 31 FR 4949, Mar. 25, 1966; Redesignated at 42 FR 32514, June 27, 1977 and at 46 FR 63203, Dec. 31, 1981]

§ 42.102 Definitions, general.

For the purpose of this part, unless the context otherwise requires, the following terms shall be construed, respectively, to mean:

Acceptable Quality Level (AQL). The maximum number of defects per hundred units (DHU) which is acceptable as a process average. Lots, or portions of production, having a quality level equal to a specified AQL will be accepted approximately 95 percent of the time when using the sampling plans prescribed for the AQL.

Acceptance Number (Ac). The number in a sampling plan that indicates the maximum number of defects permitted in a sample in order to consider a lot as meeting a specific requirement.

Administrator. The Administrator of the Agricultural Marketing Service (AMS) of the Department or any other officer or employee of the Agency to whom there has heretofore been delegated, or to whom there may hereafter

be delegated, the authority to act in his stead.

Basic Inspection Period. A specified period of consecutive production designated for on-line inspection (e.g., one shift's production, one day's production, etc.).

Condition. The degree of acceptability of the container with respect to freedom from defects which affect the serviceability, including appearance as well as usability, of the container for its intended purpose.

Cumulative Sum Sampling (CuSum) Plan. An on-line sampling plan that accumulates the number of defects which exceed the subgroup tolerance ("T") in a series of consecutive subgroups. Terms specified to the CuSum sampling plans are:

(a) *Acceptance Limit ("L").* The maximum accumulation of defects allowed to exceed the subgroup tolerance ("T") in any subgroup or consecutive subgroups.

(b) *CuSum value.* The accumulated number of defects that exceed the subgroup tolerance ("T").

(c) *Subgroup tolerance ("T").* The allowable number of defects in any subgroup.

(d) *Starting value ("S").* The initial CuSum value used to begin a CuSum sampling plan.

Defect. Any nonconformance of a container from specified requirements.

Defect classifications. The terms used to denote the severity of a defect. The terms are as follows:

(a) *Critical defect.* A defect that seriously affects, or is likely to seriously affect, the usability of the container for its intended purpose.

(b) *Major defect.* A defect that materially affects, or is likely to materially affect, the usability of the container for its intended purpose.

(c) *Minor defect.* A defect that materially affects the appearance of the container but is not likely to affect the usability of the container for its intended purpose.

(d) *Insignificant defect.* A flaw in the container that does not materially affect the appearance and does not affect usability of the container for its intended purpose. When performing examinations, insignificant defects shall not be recorded.