



Designation: F2341 – 05 (Reapproved 2016)

Standard Practice for User Requirements for Livestock, Meat, and Poultry Evaluation Devices or Systems¹

This standard is issued under the fixed designation F2341; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This practice covers the requirements for users of livestock, meat, and poultry evaluation devices or systems used to measure and record composition or quality constituents of live animals, carcasses, and individual cuts of meat, when those devices or systems provide data that is used to determine economic value. Areas covered include: installation, operator training, operation, verification, inspection and maintenance of these evaluation devices or systems, and documentation of procedures for retention of original data.

1.2 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*²

F2463 Terminology for Livestock, Meat, and Poultry Evaluation Systems

3. Terminology

3.1 For definitions relating to livestock, meat, and poultry evaluation systems, see Terminology F2463.

3.2 *Definitions:*

3.2.1 *device operator, n*—any individual whose job responsibilities include the operation of an evaluation device or system.

3.2.2 *document, n*—permanent physical record, paper or electronic.

3.2.3 *documentation, n*—use of documents in authenticating or substantiating an act that may include user's guides,

technical manuals, setup and installation instructions, labeling, and procedures for retaining original data.

3.2.4 *original data, n*—initial data recorded by the device or system.

3.2.5 *production day, n*—period not exceeding 24 consecutive hours beginning with the initial production shift.

3.2.6 *user, n*—person or entity that employs an evaluation system or device to determine value of live animals, carcasses, or individual cuts of meat or poultry.

4. Significance and Use

4.1 There are several live animal or carcass evaluation devices or systems used or under development for use in determination of economic value of live animals, carcasses, or individual cuts of meat. The correct use of these devices or systems may affect the reliability of the data.

4.2 This practice provides user requirements for installation, operator training, operation, verification, inspection, maintenance, and retention of original data.

5. Procedure

5.1 *Installation*—Accurate and consistent results can only be obtained from a device or equipment that is properly installed and operated. The user shall maintain documentation that, at the time of installation, the measuring device was properly installed according to design specifications and manufacturer's requirements.

5.2 *Operator Training:*

5.2.1 The user shall establish a documented training program which shall include an operator manual to ensure device operators are familiar with the design and operating characteristics of the devices or systems that the user installs, maintains, and operates. The user shall properly train device operators and maintain documentation that device operators are properly trained. Assistance in operator training may be obtained from several sources including, but not limited to, device manufacturer, manufacturer device manuals, or trained service personnel.

5.2.2 For those devices or systems requiring an operator, the user shall develop and maintain individual operator performance records, including individual operator error rates, which

¹ This practice is under the jurisdiction of ASTM Committee F10 on Livestock, Meat, and Poultry Evaluation Systems and is the direct responsibility of Subcommittee F10.30 on User Requirements.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.