



Designation: F 2341 – 03

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

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1. Scope

1.1 This standard 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. Terminology

2.1 Definitions:

2.1.1 *accurate, adj*—when performance or value of a device, as determined by tests made with suitable reference material (standard), conforms to the standard within the allowable tolerance.

2.1.2 *carcass, n*—the harvested animal, whether eviscerated or not.

2.1.2.1 *Discussion*—A carcass may or may not be split into separate sides: one or both sides may be measured or evaluated.

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

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

2.1.5 *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.

2.1.6 *evaluation device, n*—equipment designed to measure composition, or quality constituents used to determine value of live animals, carcasses, and individual cuts of meat.

2.1.7 *evaluation system, n*—device or group of devices used to measure and record composition, or quality constituents used to determine value of live animals, carcasses, and individual cuts of meat.

2.1.8 *livestock, n*—cattle, sheep, swine and other domesticated meat animals.

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

2.1.10 *poultry, n*—chickens, turkeys, ducks, geese, and other domesticated fowl.

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

2.1.12 *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.

2.1.13 *value, commerce, n*—measure of economic worth in commerce.

3. Significance and Use

3.1 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.

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

4. Procedure

4.1 *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.

4.2 Operator Training:

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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