



Standard Practice for Manufacturing Quality Control of Consumer Trampoline Bed Material¹

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1. Scope

1.1 This practice covers the manufacturing quality control of Consumer Trampoline-Bed Material (CTM), describing types of tests, the proper test methods, minimum testing frequencies, and best practices for sampling.

1.2 This practice is intended to aid manufacturers, suppliers, purchasers, installers, and end users of CTM in establishing a minimum level of effort for maintaining quality control.

1.3 This practice does not address manufacturing quality assurance, product acceptance testing, or conformance testing. These are independent activities taken by organizations other than the CTM manufacturer.

1.4 This practice covers procedures for sampling CTM for the purpose of manufacturing quality control (MQC). These procedures are designed to ensure the correct number of representative samples are obtained and properly reported by the manufacturer.

1.5 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.6 *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

D123 Terminology Relating to Textiles

D3786 Test Method for Bursting Strength of Textile Fabrics—Diaphragm Bursting Strength Tester Method

¹ This practice is under the jurisdiction of ASTM Committee F08 on Sports Equipment, Playing Surfaces, and Facilities and is the direct responsibility of Subcommittee F08.17 on Trampolines and Related Equipment.

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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.

D4271 Practice for Writing Statements on Sampling in Test Methods for Textiles (Withdrawn 2009)³

D4329 Practice for Fluorescent Ultraviolet (UV) Lamp Apparatus Exposure of Plastics

D5034 Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

D5587 Test Method for Tearing Strength of Fabrics by Trapezoid Procedure

3. Terminology

3.1 *Definitions:*

3.1.1 For definition of other textile terms used in this standard, refer to Terminology **D123**.

3.1.2 *Organizational Definitions:*

3.1.3 *installer, n*—party who installs, or facilitates installation of, any materials purchased from manufacturers or suppliers.

3.1.4 *manufacturer, n*—group, corporation, partnership, or individual that manufactures a product.

3.1.5 *purchaser, n*—person, company, or organization that purchases any materials or work to be performed.

3.1.6 *supplier, n*—party who supplies material or services.

3.1.7 *Quality Definitions:*

3.1.8 *quality assurance (QA), n*—all those planned or systematic actions necessary to provide adequate confidence that a material, product, system, or service will satisfy given needs.

3.1.9 *quality control (QC), n*—planned system of activities whose purpose is to provide a level of quality that meets the needs of users; also, the use of such a system.

3.1.10 *Sampling Definitions:*

3.1.11 *lot, n*—unit of production, or a group of other unit or packages, taken for sampling or statistical examination, having one or more common properties and being readily separable from other similar units.

3.1.12 *sample, n*—(1) a portion of material which is taken for testing or for record purposes; (2) a group of specimens used, or of observations made, which provide information that

³ The last approved version of this historical standard is referenced on www.astm.org.