



Designation: F2698 – 08

# Standard Guide for Fences for Above-Ground and In-ground Skate Park Facilities<sup>1</sup>

This standard is issued under the fixed designation F2698; 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 ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

## 1. Scope

1.1 This guide provides recommended minimum requirements for denoting the various types of fences/barriers for skate parks and for inline skating or roller hockey rinks and extreme performance areas.

1.2 This guide provides the minimum requirements for the protection of the participants from intrusion of other activity users; from unauthorized and unsupervised use by users that could be harmed by unanticipated entry into the area and from falls into in-ground skate park area.

1.3 This guide provides for the safety of spectators from errant skateboard use.

1.4 The values stated in inch-pound units are to be regarded as the standard. The SI values in parentheses are provided for information purposes only.

1.5 *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:*<sup>2</sup>

**A392** Specification for Zinc-Coated Steel Chain-Link Fence Fabric

**A491** Specification for Aluminum-Coated Steel Chain-Link Fence Fabric

**F537** Specification for Design, Fabrication, and Installation of Fences Constructed of Wood and Related Materials

**F552** Terminology Relating to Chain Link Fencing

**F668** Specification for Polyvinyl Chloride (PVC), Polyolefin and Other Polymer-Coated Steel Chain Link Fence Fabric

<sup>1</sup> This guide is under the jurisdiction of ASTM Committee F14 on Fences and is the direct responsibility of Subcommittee F14.10 on Specific Applications .  
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<sup>2</sup> 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.

**F900** Specification for Industrial and Commercial Steel Swing Gates

**F964** Specification for Rigid Poly (Vinyl Chloride) (PVC) Exterior Profiles Used for Fencing and Railing

**F1043** Specification for Strength and Protective Coatings on Steel Industrial Fence Framework

**F1083** Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures

**F1345** Specification for Zinc-5 % Aluminum-Mischmetal Alloy-Coated Steel Chain-Link Fence Fabric

**F2408** Specification for Ornamental Fences Employing Galvanized Steel Tubular Pickets

**F2453/F2453M** Specification for Welded Wire Mesh Fence Fabric (Metallic-Coated or Polymer Coated) for Meshes of 6 in.<sup>2</sup> [3871 mm<sup>2</sup>] or Less, in Panels or Rolls, with Uniform Meshes

**F2589** Specification for Ornamental Fences Employing Steel Tubular Pickets

## 3. Terminology

3.1 See Terminology **F552** for definitions of terms relating to chain-link fencing.

3.2 *Definitions of Terms Specific to This Standard:*

3.2.1 *fence, n*—a type of barrier that surrounds and obstructs access to the skate park. Examples: chain link, wood, ornamental, PVC extrusions.

3.2.2 *grade, n*—the finished elevation at any specified point of the ground or pavement outside the skate park.

## 4. Summary of Guide

4.1 This guide is based in part upon findings of the United States Consumer Product Safety Commission (CPSC), the American Association of Pediatrics, the National Center for Injury Prevention, the National Recreation and Park Association and the American Medical Association. It also incorporates certain provisions of the ASTM Committee F08 Task Groups on Skate Park Standards.

## 5. Significance and Use

5.1 This guide sets forth minimum standard requirements for use in local codes and ordinances relating to fences/barriers separating pedestrian circulation and traffic areas from skate