



Designation: F2699 – 08 (Reapproved 2018)

# Standard Guide for Fences for Commercial and Public Outdoor Water Spray/ Play Areas<sup>1</sup>

This standard is issued under the fixed designation F2699; 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 the recommended minimum requirements for various types of fences for commercial and public outdoor water spray/play areas.

1.2 This guide provides for the safety of occupants in water spray/play areas or zones as it pertains to vehicular intrusion as well as other participant intrusion, and for children containment or entry/exit.

1.3 This guide does not choose the product components for the fence system, the choice of which should be made by the operators of the water spray/play area space and their specification writers or drafters based upon their determination of the merits of the products that could be used.

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

1.5 *This guide does not purport to address the aspect of safety within a water spray/play area or zone. It is the responsibility of the user of this guide to establish appropriate safety practices as related to the water spray/play area and determine the applicability of regulatory requirements prior to use.*

1.6 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

## 2. Referenced Documents

### 2.1 ASTM Standards:<sup>2</sup>

<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 and Other Fence Systems and Components.

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

[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](#)

[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](#)

[F2049 Safety Performance Specification for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas](#)

[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](#)

2.2 *NFPA Document:*<sup>3</sup>

[National Electrical Code, NFPA 70-1996 or current edition.](#)

2.3 *ANSI/IAF Documents related to water containments*<sup>4</sup>

## 3. Terminology

3.1 See Terminology [F552](#) for definitions of terms relating to chain-link fencing.

<sup>3</sup> Available from National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, MA 02169-7471, <http://www.nfpa.org>.

<sup>4</sup> Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.