



Standard Guide for Fences for Residential Outdoor Swimming Pools, Hot Tubs, and Spas¹

This standard is issued under the fixed designation F1908; 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 guide provides recommended minimum requirements for various types of fences for residential outdoor swimming pools, hot tubs, and spas.

1.2 The values stated in inch-pound units are to be regarded as standard. The values stated in parentheses are for information only.

2. Referenced Documents

2.1 ASTM Standards:²

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

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

F552 Terminology Relating to Chain Link Fencing

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

F1183 Specification for Aluminum Alloy Chain Link Fence Fabric

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

F1346 Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs

F2286 Design and Performance Specification for Removable Mesh Fencing for Swimming Pools, Hot Tubs, and Spas

F2518 Guide for Use of a Residential Swimming Pool, Spa, and Hot Tub Safety Audit to Prevent Unintentional Drowning (Withdrawn 2015)³

2.2 CPSC Document:⁴

CPSC Staff Recommendations, Barriers for Residential Swimming Pools, Spas, and Hot Tubs (March 1992)

2.3 APSP Document:⁵

ANSI/APSP-7 Model Barrier Code for Residential Swimming Pools, Spas and Hot Tubs

2.4 ICC Document:⁶

International Building Code—2006

2.5 SBCCI Document:⁶

1993 SBCCI Bluebook, Standard Swimming Pool Code

2.6 ANSI Standards:⁷

Z535.4 Product Safety Signs and Labels

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 pool, tub, or spa.

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

3.2.3 *hot tub, n*—See *spa*.

3.2.4 *outdoor, adj*—located outside of a completely enclosed building or other structure.

3.2.5 *residential, adj*—situated on the premises of a detached one- or two-family dwelling or a one-family town house not more than three stories in height.

3.2.6 *spa (nonportable), n*—a permanent structure containing water over 24 in. (610 mm) deep, in which the water-heating and water-circulating equipment are not an integral part of the product, intended for recreational bathing.

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

Current edition approved March 1, 2013. Published March 2013. Originally approved in 1998. Last previous edition approved in 2008 as F1908 – 08. DOI: 10.1520/F1908-08R13.

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.

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

⁴ Available from U.S. Consumer Product Safety Commission (CPSC), 4330 East West Hwy., Bethesda, MD 20814, <http://www.cpsc.gov>.

⁵ Available from The Association of Pool and Spa Professionals (APSP), 2111 Eisenhower Avenue, Alexandria, VA 22314, <http://www.asps.org>.

⁶ Available from International Code Council (ICC), 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041-3401, <http://www.intlcode.org>.

⁷ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.