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Standard Guide for Temporary Fence Applications for Construction Sites¹

This standard is issued under the fixed designation F3342; 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 reappraisal. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reappraisal.

1. Scope

1.1 This guide covers a variety of materials and methods used in the construction of temporary fences.

1.2 Temporary fences are physical barriers used to define and designate the boundary of construction sites.

1.3 Temporary fences are intended to be installed before any construction activity starting and removed at the end of the construction phase. The duration of service can vary; consideration should be given to the length of time the temporary fence will be in use.

1.4 When determining and specifying materials and installation methods, investigate contract specifications, contract documents, site plan fence location, and, possibly, local codes. Before installation, review and inspect existing site conditions. In some cases, a permanent fence installation should be used as temporary fencing.

1.5 *Units*—The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.7 *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.*

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 and Other Fence Systems and Components.

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2. Referenced Documents

2.1 *ASTM Standards*:²

F567 Practice for Installation of Chain-Link Fence

F900 Specification for Industrial and Commercial Steel Swing Gates

F1184 Specification for Industrial and Commercial Horizontal Slide Gates

2.2 *ASCE/SEI Standard*:³

ASCE/SEI 7-10 American Society of Civil Engineers/Structural Engineering Institute, Minimum Design Loads for Buildings and Other Structures

2.3 *Chain Link Fence Manufacturers Institute Document*:⁴

WLG 2445 Chain Link Fence Wind Load Guide for the Selection of Line Post and Line Post Spacing

3. Terminology

3.1 *Definitions*:

3.1.1 *bracing, n*—when required, diagonal steel tube secured to each panel end upright and secured to the ground, on the inside of the site, to support the panels in a vertical position or reinforce with a perpendicular panel, or add additional post installed at the midpoint of the panel then clamped to the panel.

3.1.2 *continuous barrier, n*—continuous line of fence or any multiple panel installation in which panels are securely attached and spaced less than 4 in. (101.6 mm) apart.

3.1.3 *panel, n*—welded steel tube rectangular frame filled with steel mesh or freestanding rectangular structural welded wire mesh section

3.1.4 *portable support base, n*—steel, concrete, or polymer frames that, when placed on the ground, provide a receptacle for posts or panel allowing a continuous barrier to be erected.

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 Available from American Society of Civil Engineers (ASCE), 1801 Alexander Bell Dr., Reston, VA 20191, <http://www.asce.org>.

⁴ Available from the Chain Link Fence Manufacturers Institute, 10015 Old Columbia Rd., Suite B215, Columbia, MD 21046, www.chainlinkinfo.org.