



PROCESS  
INDUSTRY  
PRACTICES

COMPLETE REVISION  
August 2022

**Civil**

**PIP CVS02830**  
**Chain Link Fence and Gates**  
**Installation Specification**

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## PURPOSE AND USE OF PROCESS INDUSTRY PRACTICES

In an effort to minimize the cost of process industry facilities, this Practice has been prepared from the technical requirements in the existing standards of major industrial users, contractors, or standards organizations. By harmonizing these technical requirements into a single set of Practices, administrative, application, and engineering costs to both the purchaser and the manufacturer should be reduced. While this Practice is expected to incorporate the majority of requirements of most users, individual applications may involve requirements that will be appended to and take precedence over this Practice. Determinations concerning fitness for purpose and particular matters or application of the Practice to particular project or engineering situations should not be made solely on information contained in these materials. The use of trade names from time to time should not be viewed as an expression of preference but rather recognized as normal usage in the trade. Other brands having the same specifications are equally correct and may be substituted for those named. All Practices or guidelines are intended to be consistent with applicable laws and regulations including OSHA requirements. To the extent these Practices or guidelines should conflict with OSHA or other applicable laws or regulations, such laws or regulations must be followed. Consult an appropriate professional before applying or acting on any material contained in or suggested by the Practice.

This Practice is subject to revision at any time.

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### **PUBLISHING HISTORY**

May 2003      *Issued*  
January 2010    *Complete Revision*  
December 2016   *Complete Revision*

August 2022    *Complete Revision*

Not printed with State funds



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## 1. Scope

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This Practice provides requirements for providing and installing heavy industrial chain link fences and gates up to 12 feet (3.6 m) in height. This Practice does not provide requirements for fences and gates related to Homeland Security. This Practice covers materials, fabrication, and installation of heavy industrial chain link fencing using galvanized steel and polymer-coated steel.

## 2. References

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Applicable parts of the following Practice and industry codes and standards shall be considered an integral part of this Practice. The edition in effect on the date of contract award shall be used, except as otherwise noted. Short titles are used herein where appropriate.

### 2.1 Process Industry Practices (PIP)

- PIP ELIGD000 - *Grounding Installation Details*

### 2.2 Industry Codes and Standards

- ASTM International (ASTM)
  - ASTM A121 - *Standard Specification for Metallic-Coated Carbon Steel Barbed Wire*
  - ASTM A392 - *Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric*
  - ASTM A824 - *Standard Specification for Metallic-Coated Steel Marcellled Tension Wire for Use with Chain Link Fence*
  - ASTM C94/C94M - *Standard Specification for Ready-Mixed Concrete*
  - ASTM F567 - *Standard Practice for Installation of Chain-Link Fence*
  - ASTM F622 - *Standard Specification for Fence Fittings*
  - ASTM F663 - *Standard Specification for Polyvinyl Chloride (PVC), Polyethylene, and Other Polymer-Coated Steel Chain Link Fence Fabric*
  - ASTM F900 - *Standard Specification for Industrial and Commercial Steel Swing Gates*
  - ASTM F934 - *Standard Specification for Standard Colors for Polymer-Coated Chain Link Fence Materials*
  - ASTM F1043 - *Standard Specification for Strength and Protective Coatings on Steel Industrial Fence Framework*
  - ASTM F1083 - *Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures*
  - ASTM F1184 - *Standard Specification for Industrial and Commercial Horizontal Slide Gates*