



**Summary of Substantive Changes
between the 2011 and the 2012 editions of
NSF 14 “Plastics Piping System Components and Related Materials”**

Presented to the IAPMO Standards Review Committee on December 9, 2013

General: The change to this standard might have an impact on currently listed products. The significant changes are:

- Added additional mandatory standards to Section 2.
- Added a footnote to clarify temperature requirements for in-plant burst pressure testing of PEX tubing (see Table 10).
- Added a footnote to include an exemption of PVC pressure pipe and fabricated fittings for water transmission and distribution that are not hydrostatically tested per AWWA C900 and AWWA C905 (see Table 33).

Section 2, Normative references: Added the following standards:

2.1 Normative references for plastic pipe and related components

[ANSI/ASSE 1061 - 2011, Performance Requirements for Push-Fit Fittings](#)

[ASTM F894-07 Standard Specification for Polyethylene \(PE\) Large Diameter Profile Wall Sewer and Drain Pipe](#)

[ASTM F2769-10, Standard Specification for Polyethylene of Raised Temperature \(PE-RT\) Plastic Hot and Cold-Water Tubing and Distribution Systems](#)

[ASTM F2788-11, Standard Specification for Metric-sized Crosslinked Polyethylene \(PEX\) Pipe](#)

[ASTM F2855-11, Standard Specification for Chlorinated Poly\(Vinyl Chloride\)/Aluminum Chlorinated Poly\(Vinyl Chloride\) \(CPVC-AL-CPVC\) Composite Pressure Tubing](#)

[CAN/CSA C448 Series 02- Design and Installation of Earth Energy Systems](#)

[NSF/ANSI 359, Valves for Cross-linked Polyethylene \(PEX\) Water Distribution Tubing Systems](#)

2.2 Normative references for compounds and other materials

[ASTM D6394-10, Standard Specification for Sulfone Plastics \(Sp\)](#)

2.3 International and other normative references

[DIN 8074, Polyethylene \(PE\) - Pipes PE 63, PE 80, PE 100, PE-HD - Dimensions \(1999\)](#)

[DIN 8075, Polyethylene \(PE\) pipes - PE 63, PE 80, PE 100, PE-HD - General quality requirements, testing \(1999\)](#)

Table 10, PE-water, PE-gas and PB pipe and tubing test frequency: Added a footnote to clarify temperature requirements for in-plant burst pressure testing of PEX tubing as follows:

[¹¹ Daily burst testing for PEX tubing shall be conducted for each material being extruded at either 180°F or 200°F depending on the temperature specified by the manufacturer.](#)



Table 33, PVC pressure pipe and fabricated fittings for water transmission and distribution: Added a footnote to include exemption of PVC pressure pipe and fabricated fittings as follows:

[*²Requirement does not apply for pipes that are not hydrostatically tested per AWWA C900 and C905 section 5.1.14 and marked per section 6.1.2.e of those standards.*](#)