NSF Standard(s) Impacted:  NSF/ANSI 14

Background:

Provide a brief background statement indicating the cause and nature of concern, the impacts identified relevant to public health, public understanding, etc, and any other reason why the issue should be considered by the Committee. Reference as appropriate any specific section(s) of the standard(s) that are related to the issue.

Editorial update of section 2.1 (Normative References):
- Update standard year and title
- Addition of new standards

Recommendation:

Clearly state what action is needed: e.g., recommended changes to the standard(s) including the current text of the relevant section(s) indicating deletions by use of strike-out and additions by highlighting or underlining; e.g., reference of the issue to a Task Group for detailed consideration; etc.

See attached markup

Supplementary Materials (photographs, diagrams, reports, etc.):
If not provided electronically, the submitter will be responsible to have sufficient copies to distribute to committee members.

I hereby grant NSF International the non-exclusive, royalty free rights, including non-exclusive, royalty free rights in copyright; in this item and I understand that I acquire no rights in any publication of NSF International in which this item in this or another similar or analogous form is used.

Signature*: __________________________
Company:  NSF International
Telephone Number:  (734) 827-5646 E-mail:  mapili@nsf.org
Is this a revision of a previous Issue Paper (if yes put original issue number):  no
Submission Date:  19-Nov-2019

Please submit to: Joint Committee Secretariat, Jason Snider at jsnider@nsf.org

*Type written name will suffice as signature
2.1 Normative references for plastic pipe and related components


ASME A112.18.6-2017 / CSA B125.6-17. Flexible Water Connector

ANSI/ASSE 1049-2009. Performance Requirements for Individual and Branch Type Air Admittance Valves for Chemical Waste Systems

ANSI/ASSE 1050-2009. Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems

ANSI/ASSE 1051-2009. Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems

ANSI/ASSE 1061-2015. Performance Requirements for Push-Fit Fittings


ASTM D2996-17 Standard Specification for Filament-Wound Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe


ASTM D5927-17. Standard Classification System for and Basis for Thermoplastic Polyester (TPES) Injection and Extrusion Materials Based on ISO Test Methods


ASTM F794-03 (20142019). Standard Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter

ASTM F876-1719A. Standard Specification for Crosslinked Polyethylene (PEX) Tubing


ASTM F894-1319. Standard Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe


ASTM F1055-16a. Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing


ASTM F1282-17. Standard Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe


ASTM F1483-17. Standard Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe


ASTM F1807-17a. Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing


ASTM F1960-1519. Standard Specifications for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing


ASTM F2159-1819a. Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing
ASTM F2306/F2306M-14e19. Standard Specification for 12 to 60 in. [300 to 1500 mm] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications


ASTM F2434-1418. Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Tubing


ASTM F2648/F2648M (17). Standard Specification for 2 to 60 in [50 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications

ASTM F2764/F2764M–17e19. Standard Specification for 6 to 60 in [150 to 1500 mm] Polypropylene (PP) Corrugated Double and Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications


ASTM F2881 / F2881M-4819. Standard Specification for 12 to 60 in [300 to 1500 mm] Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications

ASTM F2929-17. Standard Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070 in. Wall and Fittings for Radiant Heating Systems up to 75 psig


ANSI/AWWA C900-16. Polyvinyl Chloride (PVC) Pressure Pipe, and Fabricated Fittings, 4 in Through 60 in (100 mm Through 1500 mm)

ANSI/AWWA C901-17. Polyethylene (PE) Pressure Pipe and Tubing, 1/2 in (13 mm) Through 3 in (76 mm), for Water Service

ANSI/AWWA C904-16. Cross-Linked Polyethylene (PEX) Pressure Tubing, 1/2 in. (13 mm) Through 3 in. (76 mm), for Water Service

ANSI/AWWA C906-15. Polyethylene (PE) Pressure Pipe and Fittings, 4 in through 65 in [100 mm Through 1650 mm] Waterworks

ANSI/AWWA C907-17. Injection-Molded Polyvinyl Chloride (PVC) Pressure Fittings for Water – 4 in Through 12 in (100 mm Through 300 mm) for Water, Wastewater, and Reclaimed Water Service

ANSI/AWWA C909-16. Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe, 4 in [100 mm] and Larger

ANSI/AWWA C950-2013. Fiberglass Pressure Pipe

CSA B125.3-18. Plumbing Fittings

CAN/CSA B137.1-17. Polyethylene (PE) Pipe, Tubing, and Fittings for Cold Water Pressure Services

CAN/CSA B137.3-17. Rigid Polyvinyl Chloride (PVC) Pipe for Pressure Applications

CAN/CSA B137.4-17. Polyethylene (PE) Piping Systems for Gas Services

CAN/CSA B137.5-17. Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications

CAN/CSA B137.6-17. CPVC Pipe, Tubing, and Fittings for Hot and Cold Water Distribution Systems

CAN/CSA B137.8-17. Polybutylene (PB) Piping for Pressure Applications

CAN/CSA B137.9-17. Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe Systems

CAN/CSA B137.10-17. Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Composite Pressure Pipe Systems

CAN/CSA B137.11-17. Polypropylene (PP-R) Pipe and Fittings for Pressure Applications

CAN/CSA B137.18-17. Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications


CSA B181.3-18. Polyolefin and Polyvinylidene Fluoride (PVDF) Laboratory Drainage Systems

CSA B181.5-18. Coextruded Acrylonitrile-Butadienestyrene / PolyvinylChloride (ABS/PVC) Drain Waste and Vent Pipe
CSA B182.1-18. Plastic Drain and Sewer Pipe and Pipe Fittings

CSA B182.2-18. PSM Type Polyvinylchloride (PVC) Sewer Pipe and Fittings (PSM Type)

CSA B182.4-18. Profile Polyvinylchloride (PVC) Sewer Pipe and Fittings

CSA B182.6-18. Profile polyethylene (PE) Sewer Pipe and Fittings for Leak-Proof Sewer Applications

CSA B182.8-18. Profile polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings

CSA B182.11-18. Standard Practice for the Installation of Thermoplastic Drain, Storm, and Sewer Pipe and Fittings

CSA B182.13-18. Profile Polypropylene (PP) Sewer Pipe and Fittings for Leak-Proof Sewer Applications

CSA B182.14-18. Profile Steel Reinforced Polyethylene (SRPE) Storm Sewer Pipe and Fittings

CSA B182.15-18. Profile Steel Reinforced Polyethylene (SRPE) Sewer Pipe and Fittings


IAPMO Z1157-2014E1. Ball Valves

NSF/ANSI 359. Valves for Crosslinked Polyethylene (PEX) Water Distribution Tubing Systems

TR-2. PPI PVC Range Composition Listing of Qualified Ingredients (20182019)


UL 1285 (6th edition). Standard for Pipe and Couplings, Polyvinyl Chloride (PVC), and Oriented Polyvinyl Chloride (PVCO) for Underground Fire Service

2.2 Normative references for compounds and other materials


ASTM D4101-17e1. Standard Specification for Polypropylene Injection and Extrusion Materials

2.3 International and other normative references

21 CFR Parts 1-99. Food and Drugs (Rev 4/1719)

21 CFR Parts 100-169. Food and Drugs (Rev 4/1719)

21 CFR Parts 170-199. Food and Drugs (Rev 4/1719)


ASTM D6778-14. Standard Classification for Polyoxymethylene (POM, Acetal) Molding and Extrusion Materials

IAPMO PS 36-2014e1. Lead-Free Sealing Compounds for Threaded Joints

ASTM D2837-13e1. Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products


ASTM D2992-18. Standard Practice for Obtaining Hydrostatic or Pressure Design Basis for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings


ASTM F1216-16. Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube


DIN 8074. Polyethylene (PE) - Pipes, PE 80, PE 100, PE-HD – Dimensions (2011)


ISO 12162:2009. Thermoplastics materials for pipes and fittings for pressure applications – Classification, designation and design coefficient

National Institute of Standards and Technology (NIST)

NSF/ANSI 60. Drinking Water Treatment Chemicals – Health Effects

NSF/ANSI 61. Drinking Water System Components – Health Effects

PPI TR-3. Policies and Procedures for Developing Hydrostatic Design Basis (HDB), Pressure Design Basis (PDB), Strength Design Basis (SDB), and Minimum Required Strength (MRS) Ratings for Thermoplastic Piping Materials or Pipe (2018)

PPI TR-4. PPI Listing of Hydrostatic Design Basis (HDB), Strength Design Basis (SDB), Pressure Design Basis (PDB) and Minimum Required Strength (MRS) Ratings for Thermoplastic Piping Materials or Pipe (2018-2019)