NSF Standard(s) Impacted: NSF / ANSI Standard 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.

This issue paper is to make editorial changes and update the reference years in NSF/ANSI Standard 14 Section 2 – Normative References. See attached.

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.

Adding the following standards to Section 2:

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


Removing the following standards from Section 2:


Moving the following standard from 2.1 to 2.2 in the material section:


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*:  Mark Mapili
Company:  NSF International
Telephone Number:  734-827-5646   E-mail: mapili@nsf.org
Submission Date:   July 2014

Email completed form to the Standards Department: standards@nsf.org.

*Type written name will suffice as signature
2 Normative references

The following documents contain requirements that, by reference in this text, constitute requirements of this Standard. At the time of publication, the indicated editions were valid. All of the documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. It is the responsibility of the user of this Standard to determine the acceptance of the referenced standards to the application and requirements of the local jurisdictions. The most recent published edition of the document shall be used for undated references.

2.1 Normative references for plastic pipe and related components


ASME A112.18.6/CSA B125.6-2009. *Flexible Water Connector* 3


ANSI/ASSE 1051-2009. *Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems* 4

ANSI/ASSE 1061 – 2011. *Performance Requirements for Push-Fit Fittings* 4


3 American Society of Mechanical Engineers (ASME), Three Park Avenue, New York, NY 10016-5990 <www.asme.org>.


5 American Society for Testing Materials (ASTM) 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 <www.astm.org>.
ASTM D2241-09. Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)⁵


ASTM D2513-12a.¹⁴ Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings⁵


ASTM D2683-10e⁴. Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing⁵


ASTM D2737-12a.¹³ Standard Specification for Polyethylene (PE) Plastic Tubing⁵


ASTM D3034-08, Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings

ASTM D3035-14, Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter

ASTM D3138-04 (2011), Standard Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components


ASTM D3350-12, Standard Specification for Polyethylene Plastics Pipe and Fittings Materials

ASTM D3517-14, Standard Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe

ASTM D4066-01a (2008), Standard Classification System for Nylon Injection and Extrusion Materials (PA)

ASTM D5927-09, Standard Specification for Thermoplastic Polyester (TPES) Injection and Extrusion Materials Based on ISO Test Methods


ASTM F438-09, Standard Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40


ASTM F441/F441M-09, Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80


ASTM F477-10, Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe

ASTM F480-42, Standard Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR) SCH 40 and SCH 80


ASTM F628-09, Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40
Joint Committee Issue Paper

Plastic Drain, Waste, and Vent Pipe with a Cellular Core


ASTM F876-10. Standard Specification for Crosslinked Polyethylene (PEX) Tubing


ASTM F894-07. Standard Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe


ASTM F1055-11. Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Tubing


ASTM F1282-10. Standard Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe


ASTM F1483-05. Standard Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe


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ASTM F1807-14a. 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 F1970-05. Standard Specification for Special Engineered Fittings, Appurtenances or Valves for Use in Poly(Vinyl Chloride) (PVC) or Chlorinated Poly(Vinyl Chloride)(CPVC) Systems

ASTM F1974-09. Standard Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Composite Pressure Pipe


ASTM F2080-09. Standard Specification for Cold-Expansion Fittings with Metal Compression Sleeves for Cross-linked Polyethylene (PEX) Pipe


ASTM F2262-09. Standard Specification for Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Tubing OD Controlled SDR9


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ASTM F2434-09. 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 F2623-08. Standard Specification for Polyethylene of Raised Temperature (PE-RT) SDR Tubing


ANSI/AWWA C900-07. Polyvinyl Chloride (PVC) Pressure Pipe, and Fabricated Fittings, 4 in Through 12 in (100 mm Through 300 mm), for Water Transmission and Distribution

ANSI/AWWA C901-08. Polyethylene (PE) Pressure Pipe and Tubing, 1/2 in (13 mm) Through 3 in (76 mm), for Water Service

ANSI/AWWA C904-06. Cross-Linked Polyethylene (PEX) Pressure Pipe, 1/2 In. (12mm) Through 3 In. (76 mm), for Water Service

ANSI/AWWA C905-10. Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 14 in Through 48 in (350 mm Through 1,200 mm)

ANSI/AWWA C906-07. Polyethylene (PE) Pressure Pipe and Fittings, 4 in (100 mm) Through 63 in (1,575 mm), for Water Distribution and Transmission

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6 American Water Works Association (AWWA), 6666 W. Quincy Avenue, Denver, CO 80235 <www.awwa.org>
ANSI/AWWA C907-12. Injection-Molded Polyvinyl Chloride (PVC) Pressure Fittings for Water – 4 in Through 12 in (100 mm Through 300 mm)  

ANSI/AWWA C909-09. Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe, 4 in through 12 in (100 mm through 600 mm), for Water Distribution  

ANSI/AWWA C950-07. Fiberglass Pressure Pipe  

CAN/CSA B125.3-09. Plumbing Fittings  

CAN/CSA B137.1-09. Polyethylene Pipe, Tubing, and Fittings for Cold Water Pressure Services  

CAN/CSA B137.3-09. Rigid Polyvinyl Chloride (PVC) Pipe for Pressure Applications  

CAN/CSA B137.4-09. Polyethylene Piping Systems for Gas Services  

CAN/CSA B137.5-09. Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications  

CAN/CSA B137.6-09. CPVC Pipe, Tubing, and Fittings for Hot and Cold Water Distribution Systems  

CAN/CSA B137.8-09. Polybutylene (PB) Piping for Pressure Applications  

CAN/CSA B137.9-09. Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems  

CAN/CSA B137.10-09. Cross-linked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe Systems  

CAN/CSA B137.11-09. Polypropylene (PP-R) Pipe and Fittings for Pressure Applications  


CAN/CSA B181.2-11. PVC Drain, Waste, and Vent Pipe and Pipe Fittings  

CAN/CSA B181.3-11. Polyolefin and Polyvinylidene Fluoride (PVDF) Laboratory Drainage Systems  

CAN/CSA B181.5-11. Coextruded Acrylonitrile-butadienestyrene/PolyvinylChloride (ABS/PVC) Drain waste and Vent Pipe  


CAN/CSA B182.2-11. PVC Sewer Pipe and Fittings (PSM Type)  

CAN/CSA C448 Series 02(R2012) - Design and Installation of Earth Energy Systems  

NSF/ANSI 359. Valves for Cross-linked Polyethylene (PEX) Water Distribution Tubing Systems  

TR-2, PPI PVC Range Composition Listing of Qualified Ingredients (2010 2014)  

Canadian Standards Association (CSA), 5060 Spectrum Way, Suite 100, Mississauga Ontario, Canada L4W 5N6 <www.csa.ca>.  

Plastics Pipe Institute (PPI), 105 Decker Court, Suite 825, Irving, TX 75062 <plasticpipe.org>.  

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2.2 Normative references for compounds and other materials


ASTM D2581-09. Standard Specification for Polybutylene (PB) Plastics Molding and Extrusion Materials


ASTM D3915-06. Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Pressure Applications


ASTM D4396-06. Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Nonpressure Applications


ASTM D6778-06. Standard Classification for Polyoxymethylene (POM, Acetal) Molding and Extrusion Materials

2.3 International and other normative references

21 CFR, Parts 1-99, Food and Drugs (Rev. 4/10/14)

21 CFR, Parts 100-169, Food and Drugs (Rev. 4/10/14)

21 CFR, Parts 170-199, Food and Drugs (Rev. 4/10/14)

<www.plasticpipe.org>


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


ASTM D2992-0612. Standard Practice for Obtaining Hydrostatic or Pressure Design Basis for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings


ASTM F1216-09. 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 63, PE 80, PE 100, PE-HD – Dimensions (19992011)

DIN 8075, Polyethylene (PE) pipes - PE 63, PE 80, PE 100, PE-HD – General quality requirements, testing (19992011)


DIN 16962-1, Pipe Joints and Elements for Polypropylene (PP) Pressure Pipelines, Types 1 and 2; Bends of Segmental Construction for Butt-welding, Dimensions (1980)

DIN 16962-2, Pipe joint assemblies and fittings for types 1 and 2 polypropylene (PP) pressure pipes; tees and branches produced by segment inserts and necking for butt welding; dimensions (1983)

DIN 16962-3, Pipe Joints and Elements for Polypropylene (PP) Pressure Pipelines, Types 1 and 2; Bends Formed from Pipe for Butt-welding, Dimensions (1980)

11 Deutsches Institut für Normung e. V. (DIN), Burggrafen-strasse 6, 10787 Berlin, Germany <www.din.de>.
DIN 16962-4. Pipe joint assemblies and fittings for types 1 and 2 polypropylene (PP) pressure pipes; adaptors for fusion jointing, flanges and sealing elements; dimensions (1988)11

DIN 16962-5. Pipe joints and components of polypropylene (PP) for pipes under pressure, PP-H 100, PP-B 80 and PP-R 80: General quality requirements, testing (2000)11


DIN 16962-9. Pipe joint assemblies and fittings for types 1 and 2 polypropylene (PP) pressure pipes; injection moulded reducers and nipples for socket welding; dimensions (1983)11

DIN 16962-10. Pipe joint assemblies and fittings for types 1 to 3 polypropylene (PP) pressure pipes; injection-moulded fittings for butt welding; dimensions (1989)11

DIN 16962-11. Pipe Joints and Elements for Polypropylene (PP) Pressure Pipelines, Types 1 and 2; Turned and Pressed Reducing Sockets for Butt-welding, Dimensions (1980)11

DIN 16962-12. Pipe joints and components of polypropylene (PP) for pipes under pressure, PP-H 100, PP-B 80 and PP-R 80: Flange adapters, flanges, sealing rings for socket welding; dimensions (1999)11

DIN 16962-13. Pipe joint assemblies and fittings for type 1 and type 2 polypropylene (PP) pressure pipes; pipe couplings; dimensions (1987)11

ISO 9080:20032012. Plastics piping and ducting systems – Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation12

ISO 12162:2009. Thermoplastics materials for pipes and fittings for pressure applications – Classification, designation and design coefficient12

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 (2014)8

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 (2014)8

12 International Organization for Standardization (ISO), 1, ch. de la Voie-Creuse Case postale 56, CH-1211, Geneve 20, Switzerland <www.iso.org>.