NFPA 24-2019 Edition
Standard for the Installation of Private Service Mains and Their Appurtenances
TIA Log No.: 1425
Reference: 2.3.1, 2.3.2, and Table 10.2.1.1
Comment Closing Date: May 30, 2019
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1. Add to 2.3.1 ASME Publications as follows:
ASME B16.15, *Cast Copper Alloy Threaded Fittings: Classes 125 and 250*, 2018.
ASME B16.18, *Cast Copper Alloy Solder Joint Pressure Fittings*, 2018.
ASME B16.22, *Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings*, 2018.

2. Add to 2.3.2 ASTM Publications as follows:
ASTM A403/A403M, *Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings*, 2018a.

3. Revise Table 10.2.1.1 to read as follows:

Table 10.2.1.1 Fittings Materials Dimensions

Materials and Dimensions	Standard
Cast Iron	
…	
Ductile Iron	
…	
Malleable Iron	
…	
Copper	
Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings	ASME B16.22
Cast Copper Alloy Solder Joint Pressure Fittings	ASME B16.18
Bronze Fittings	
Cast Copper Alloy Threaded Fittings: Classes 125 and 250	ASTM B16.15
Stainless Steel	
Specification for Wrought Austenitic Stainless Steel Piping Fittings	ASTM A403/A403M

Substantiation: This TIA seeks to rectify a discrepancy that was introduced during the Second Draft stage of the revision process, when as per Public Comment No. 11, and Second Revision No. 7, it was requested that the references to steel pipe fittings should be deleted from the table. However, for some reason in the TerraView copy of the table, the provisions for copper and bronze fittings were inadvertently shown in “strikeout text” as well, so now, as published, the table only recognizes cast iron and ductile iron fittings as appropriate for underground piping installations.

Additionally, in Public Comment No. 6, it was proposed to add the references for stainless steel fittings, to correspond with the information shown in NFPA 13 - 2016, Table 6.4.1. This matter was “accepted in principle” by the Technical Committee and it was intended to be reflected in Second Revision No. 7, but mistakenly, it was not included.

The missing information needs to be added to Table, 10.2.1.1, to allow the appropriate fittings to be utilized when copper, bronze or stainless steel pipe is employed in underground piping installations.

Also, please note that since Table 10.2.1.1 is extracted into NFPA 13 - 2019 as Table 6.2.1.1, the missing information needs to be added to NFPA 13, Table 6.2.1.1 as well.

Emergency Nature. The standard contains an error or an omission that was overlooked during the regular revision process. The proposed TIA intends to correct a circumstance in which the revised NFPA Standard has resulted in an adverse impact on a product or method that was inadvertently overlooked in the total revision process or was without adequate technical (safety) justification of the action.

The missing information needs to be added to Table, 10.2.1.1, to allow the appropriate fittings to be utilized when copper, bronze or stainless steel pipe is employed in underground piping installations.

TENTATIVE INTERIM AMENDMENT BALLOT

EMERGENCY NATURE SELECTION OF RESPONSES

A. The standard contains an error or an omission that was overlooked during the regular revision process.

B. The NFPA Standard contains a conflict within the NFPA Standard or with another NFPA Standard.

C. The proposed TIA intends to correct a previously unknown existing hazard.

D. The proposed TIA intends to offer to the public a benefit that would lessen a recognized (known) hazard or ameliorate a continuing dangerous condition or situation.

E. The proposed TIA intends to accomplish a recognition of an advance in the art of safeguarding property or life where an alternative method is not in current use or is unavailable to the public.

F. The proposed TIA intends to correct a circumstance in which the revised NFPA Standard has resulted in an adverse impact on a product or method that was inadvertently overlooked in the total revision process or was without adequate technical (safety) justification for the action.