



**Summary of Substantive Changes  
between the 2014 and the 2014a editions of  
ASTM F1807 “Metal Insert Fittings Utilizing a Copper Crimp Ring for  
SDR9 Cross-linked Polyethylene (PEX) Tubing and  
SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing”**

**Presented to the IAPMO Standards Review Committee on March 9, 2015**

**General:** The changes to this standard should not have an impact on currently listed products. The substantive changes are:

- Created a table to list the allowable alloys and their reference standards for machined brass fittings and added a new allowable alloy UNS C27451 (see Sections 5.1.3).
- Added a new allowable alloy, UNS C27451 for forged brass fittings (see Sections 5.1.3 and 5.1.4).

**5. Materials and Manufacture:**

Section 5.1.3 Machined Brass: Created a table to list the allowable alloys and their reference standards for machined brass fittings and added a new allowable alloy UNS C27451.

Section 5.1.4, Forged Brass: Added a new allowable alloy, UNS C27451, for forged brass fittings as follows:

*Forged brass fittings shall be made from material meeting the requirements of Specification B283, Copper Alloy UNS Nos. C27450, [C27451](#), C35330, C36500, C37700, C46400, C48600, C49260, C49340, C69300 or C87700.*