Summary of Substantive Changes between the 2016 and the 2016a editions of ASTM D2513, “Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings”

Presented to the IAPMO Standards Review Committee on April 9, 2018

General: The change to this standard should not have an impact on currently listed products. The significant change is:

• Removed the requirement to conduct the sustained pressure test at the maximum design temperature on piping intended for use at temperatures above 100 °F (see Section 6.6.1.2)

Section 6.6, Sustained Pressure Test: Removed the requirement to test piping intended for use at temperatures above 100 °F at the maximum design temperature as follows:
6.6.1.2 Pressures used shall be calculated using the pipe’s actual measured minimum wall thickness, outside diameter, and the applicable fiber stress, whichever is greater. Piping intended for use at temperatures of 100°F (38°C) and higher shall be tested at both 73°F (23°C) and the maximum design temperature. The test fiber stress shall be 90 % of the hydrostatic design basis (HDB).