



**Summary of Substantive Changes
between the 2011ae1 and the 2012 editions of
ASTM F1973, “Factory Assembled Anodeless Risers and Transition Fittings
in Polyethylene (PE) and Polyamide 11 (PA11) and
Polyamide 12 (PA12) Fuel Gas Distribution Systems”**

Presented to the IAPMO Standards Review Committee on March 11, 2013

General: The changes to this standard might have an impact on currently listed products. The major change is:

- Added marking requirements for transition fittings and factory assembled risers intended for transport of natural gas (see Sections 8.3 and 8.4)

Section 2, Referenced Documents:

Section 2.1, ASTM Standards: Added ASTM F2897 as a referenced documents as follows:

[F2897 Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components \(Pipe, Tubing, Fittings, Valves, and Appurtenances\)](#)

Section 8, Marking: Added marking requirements for transition fittings and factory assembled risers intended for transport of natural gas as follows:

Section 8.3:

[8.3 Transition fittings and factory assembled risers intended for transport of natural gas shall be marked with the 16-character gas distribution component traceability identifier in accordance with Specification F2897. The 16-character code shall be expressed in alpha-numeric format and Code 128 bar code format with a minimum bar thickness value of 0.005 in. or an alternative 1D or 2D bar code symbology as agreed upon between manufacturer and end user. All fittings shall have the 16-character codes marked or affixed to the product, product packaging, or any manner agreed upon between manufacturer and end user.](#)

Section 8.4:

[8.4 The manufacturer shall either ensure that the 16-character gas distribution component tracking and traceability identifier in accordance with Specification F2897 for the PE, PA11, or PA12 material is visible on the final product, or shall maintain records for the 16-character code for the PE, PA11, or PA12 materials as necessary to confirm the identification of these materials upon request by the end user.](#)