



**Summary of Substantive Changes
between the 2006 and the 2013 editions of
ASTM D1998, “Polyethylene Upright Storage Tanks”**

Presented to the IAPMO Standards Review Committee on January 13, 2014

General: The changes to this standard are editorial and will not have an impact on currently listed products. The editorial changes include:

- Removed text explaining the reasoning behind the finish requirements being specified by the manufacturer and buyer (see Section 10.2)
- Removed a warning statement about the effects of o-xylene (see Section 11.4.5.1)
- Clarified the requirement to package loose item (see Section 14.4)

Section 1, Scope: Updated the note regarding similar standards as follows:

1.4 *The values stated in SI units are to be regarded as the standard. The values given in ~~brackets~~ parentheses are for information only.*

NOTE 1—~~There is no similar or equivalent ISO~~ ISO 13341:2005+A1:2011 and ISO 13575:2012 are similar, but not equivalent to this standard.

Section 2.5 ISO Standards: Added the following referenced standards:

[ISO 13341:2005+A1:2011 Static Thermoplastic Tanks for the Above Ground Storage of Chemicals – Blow Moulded or Rotationally Moulded Polyethylene Tanks – Requirements and Test Methods](#)

[ISO 13575:2012 Static Thermoplastic Tanks for Above Ground Storage of Domestic Heating Oils, Kerosene and Diesel Fuels – Blow Moulded and Rotationally Moulded Polyethylene Tanks and Rotationally Moulded Tanks Made of Anionically Polymerized Polyamide 6 – Requirements and Test Methods](#)

Section 10, Workmanship: Removed text explaining the reasoning behind the finish requirements being specified by the manufacturer and buyer as follows:

10.2 ~~Because of the differences in various resins used in this application and the molding conditions used, the interior surface characteristics may vary. The acceptable finish shall be predetermined by agreement between the molder and the buyer.~~

Section 11.4.5, Hazards: Removed the following warning statement about the effects of o-xylene:

11.4.5.1 ~~Care shall be exercised in handling o-xylene. It may cause irritation to the eyes and prolonged exposure may cause blistering and redness to the skin. Inhalation may cause mucous membrane irritation and other effects. The Material Safety Data Sheet shall be consulted prior to its use...~~

Section 14, Shipping: Clarified the requirement to package loose items as follows:

14.4 ~~Pipe and tubing, fittings and miscellaneous small parts shall be packaged. Loose items which might~~ scratch the interior surface shall not be placed inside the tank during shipment...