



**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~~ that scratch the interior surface shall not be placed inside the tank during shipment....*