



**Summary of Substantive Changes  
between the 2009 and 2012 editions of  
CISPI 301 “Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain,  
Waste, and Vent Piping Applications”**

**Presented to the IAPMO Standards Review Committee on June 9, 2014**

**General:** The changes to this standard might affect currently listed products. The substantive changes are:

- Added a limitation on the type of equipment appropriate for the purpose of screening for radioactive material (see Section 4.4.1).
- Set a maximum limit on the level of VOHAPs in the paint used to coat pipe and fittings (see Section 6.4).

Section 4, Materials: Specified that the manufacturer is responsible for screening for radioactive material, limited the type of equipment appropriate for the purpose and removed the limiting language specifying compliance to within the United States as follows:

*4.4 To minimize the possibility of introducing radioactive material to a melting operation, ferrous scrap pig iron, and any recycled ferrous material shall be screened, by the manufacturer, for radioactivity with ~~suitable~~ detection devices operated in accordance with the device manufacturer’s instructions. Written operating, calibration, and maintenance procedures for the detection equipment shall be provided to the purchaser for review when requested. Records shall be maintained for these tests by load for a period of seven years.*

*4.4.1 Only radiation devices designed specifically for the purpose of screening ferrous material shipments shall be used for the purpose of conforming to this requirement. Hand held radiation detectors (Geiger counters) are not appropriate and shall not be used for the purpose of conforming to this requirement.*

*4.7 Foundries manufacturing products to this standard ~~within the United States~~ shall comply with all local, provincial, state, and national safety laws and regulations and with the requirements of Practice E 2349.*

Section 5, Product Marking: Added allowance for other markings on pipe and fittings as follows:

*5.1 ... Markings shall be cast on fittings. Other markings on pipes and fittings shall be permitted provided such markings are not misleading with respect to the identification of the manufacturer by the end user.*

Section 6, Coating: Added a limitation to the level of VOHAPs in the paint used to coat pipe and fittings as follows:

*6.1 ~~The pipe and fittings shall be furnished coated.~~ The pipe and fittings shall be...*

*6.4 Pipe and fittings shall not be coated with paint containing levels of volatile organic hazardous air pollutants (VOHAPs) which exceed levels of 2.6 pounds (0.31 kilograms per liter) of VOHAPs per gallon of solids. Reference ASTM D3960-05.*