



**Summary of Substantive Changes  
between the 2013 and the 2013a editions of  
ASTM A74, “Cast Iron Soil Pipe and Fittings”**

**Presented to the IAPMO Standards Review Committee on August 13, 2013**

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

- Limited the equipment allowed to be used for screening material for radioactivity (see Section 4.3)

Section 4, Materials and Manufacture: Limited the equipment allowed to be used for screening material for radioactivity as follows:

*4.3 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 detection 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 by load of these tests for a period of seven years.*

*4.3.1 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.*