

Temple-Inland® Gypsum Board negative for problematic sulfur-bearing gasses and strontium



Additional testing has been done on bulk drywall samples from our Fletcher, Cumberland City, West Memphis and McQueeney facilities for the presence of sulfur bearing gasses, orthorhombic cyclooctasulfur and strontium. These tests, conducted by Materials Analytical Services LLC (MAS) in the Fall of 2010, were to assure our customers Temple-Inland® gypsum board does not emit problematic or corrosive compounds.

The absence of sulphur-bearing gasses was verified by a modified headspace analysis using gas chromatography and a sulfur chemiluminescence detector. Strontium levels below the 1,200 ppm maximum set by CPSC and the Department of Housing and Urban Development were verified by inductively coupled plasma optical emission spectroscopy. The absence of orthorhombic cyclooctasulfur was verified by using a gas chromatograph equipped with an electron capture detector.

A total of four samples were analyzed from the drywall submitted. For comparison purposes, a series of MAS drywall controls (non-problematic drywall) were previously analyzed to establish a standard for quantification. For each of the submitted samples, M51749-001 thru -004, no sulfur gases or high concentrations of strontium were detected. Based on these results, all of the submitted samples were determined to be negative for sulfur off-gassing and are not considered problematic corrosive drywall types.

[View MAS Project M51749 Report](#)

About the Certifier

Since its beginning in 1987, MAS has evolved into a leading micro-analytical laboratory and environmental consulting services firm offering state-of-the-art testing for asbestos, mold, industrial hygiene, indoor air quality, emissions, lead, VOCs and Semi VOCs.

