

Technical Bulletin 1001.1

Temple-Inland® Gypsum Board negative for problematic sulfur emissions



Sulfur emissions testing has been done on gypsum board samples from our Fletcher, Cumberland City, West Memphis and McQueeney facilities. These tests, conducted by Materials Analytical Services LLC (MAS) in the Fall of 2009, were to assure our customers Temple-Inland® gypsum board does not emit problematic or corrosive compounds.

Temple-Inland drywall samples were submitted for testing for carbon disulfide and carbonyl sulfide (two problematic compounds associated with sulfur gas emissions) by a modified headspace analysis using gas chromatography and mass spectroscopy.

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 and found to contain an average of 2.6 ppb carbon disulfide. For each of the submitted samples, M49787-001 thru -004, the emission levels of carbon disulfide and carbonyl sulfide were below the quantization limit. 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.

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.

