



**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Martin Marietta Magnesia Specialties, Inc. 1800 East Lake Road Manistee, MI 49660  REPORT NUMBER(S) 13-01	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S)  030-04919	4. LICENSE NUMBER(S)  21-12986-011	5. DATE(S) OF INSPECTION  1/14/2013
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6. INSPECTION PROCEDURES USED IP 87124	7. INSPECTION FOCUS AREAS 03.01 through 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 3120	2. PRIORITY 5	3. LICENSEE CONTACT Keeary Schultz, RSO	4. TELEPHONE NUMBER 231-723-12
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Main Office Inspection      Next Inspection Date: 1/14/2018

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This licensee is a manufacturing company in Manistee, Michigan that produces magnesium hydroxide and magnesium oxide. The licensee possessed four specifically licensed Texas Nuclear level gauges containing Cs-137 sources in accordance with their license. Two individuals including the Radiation safety Officer were routinely involved in use and oversight of the devices. Inventories, shutter checks, and leak tests were performed at required frequencies. The licensee did not perform any maintenance or installation activities on its gauges; these services were performed by the manufacturer. The licensee maintained two calibrated survey meters to perform surveys around the gauges.

**Performance Observations**

The plant facility was toured and all gauges were observed in conjunction with the licensee's current inventory. The RSO demonstrated survey meter QC and described survey techniques used if/when a gauge is relocated. Proper lock-out and leak test procedures were also adequately described. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.