

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

**CURRENT REPORT PURSUANT
TO SECTION 13 OR 15(D) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported) January 29, 2014

Martin Marietta Materials, Inc.

(Exact Name of Registrant as Specified in Its Charter)

North Carolina

(State or Other Jurisdiction of Incorporation)

1-12744

(Commission File Number)

56-1848578

(IRS Employer Identification No.)

2710 Wycliff Road, Raleigh, North Carolina

(Address of Principal Executive Offices)

27607

(Zip Code)

(919) 781-4550

(Registrant's Telephone Number, Including Area Code)

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 1.04 Mine Safety—Reporting of Shutdowns and Patterns of Violations.

On January 29, 2014, the Corporation received an order issued by the Mine Safety and Health Administration (“MSHA”) under section 107(a) of the Federal Mine Safety and Health Act of 1977 at its Alden Portable Plant in Iowa. The order stated that a miner was standing on top of the rear tire of the fuel wagon while fueling a fuel wagon, and that the top of the tire was 30 inches above ground level. The order stated that the miner was exposed to falling to the ground below, into the frame of the wagon, or onto the handrails of the adjacent working platform. No one was injured in the cited incident. The Corporation took corrective action and the order was terminated.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MARTIN MARIETTA MATERIALS, INC.
(Registrant)

Date: February 4, 2014

By: /s/ Anne H. Lloyd
Anne H. Lloyd
Executive Vice President and Chief Financial Officer