FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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| STATEMENT | OF CHANGES | IN BENEFICIAL | <b>OWNERSHIP</b> |
|-----------|------------|---------------|------------------|

|   | OMB APPRO              | OVAL      |
|---|------------------------|-----------|
|   | OMB Number:            | 3235-0287 |
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| l | hours per response:    | 0.5       |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Grant I  | Oaniel L. (Find Control of Contro | AD 2 | Middle) 27607 Zip)                      |       | 3. D   | 2. Issuer Name and Ticker or Trading Symbol MARTIN MARIETTA MATERIALS INC [MLM]  3. Date of Earliest Transaction (Month/Day/Year) 08/21/2014  4. If Amendment, Date of Original Filed (Month/Day/Year) |     |  |                  |       |   | [ (   | Check<br>X                    | SVP - Strategy and Development  ndividual or Joint/Group Filing (Check Applicable e) |   |   |  |  |   |                      |
|--|--|------|---|-------|--|--|-----|--|------------------|-------|---|-------|-------------------------------|--|---|---|--|--|---|----------------------|
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |  |      |   |       |  |  |     |  |                  |       |   |       |                               |  |   |   |  |  |   |                      |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D   |  |      | Execution Date,                         |       | Code   | Transaction Disposed Code (Instr. 5)   |     | ities Acquired (A)<br>d Of (D) (Instr. 3, 4                    |                  |       | 5. Amou<br>Securitie<br>Benefici  |       | ties<br>cially<br>I Following | Forn<br>(D) c  | wnership<br>n: Direct<br>or Indirect<br>nstr. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |   |                      |
|  |  |      |   |       |  |  |     |  | Code             | v     | Amount  |       | (A) or<br>(D)                 | Pric   | e   | Transa  | action(s)<br>3 and 4)  |  |   | (                    |
| Common Stock <sup>(1)</sup> 08/2   |  |      |   | 08/21 | /2014  | 2014   |     | A  |                  | 7,643 | 7,643 A   |       | \$                            | 5 <mark>0</mark>   | 8,459   |   |  | D  |   |                      |
| Common Stock   |  |      |   |       |  |  |     |  |                  |       |   |       |                               |  |   |   | 0  |  | I | by<br>401(k)<br>Plan |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |      |   |       |  |  |     |  |                  |       |   |       |                               |  |   |   |  |  |   |                      |
| Derivative   Conversion   Date   Execution Date,   Security   or Exercise   (Month/Day/Year)   if any  |  |      | 4.<br>Transaction<br>Code (Instr.<br>3) |       | of<br>Deri<br>Sec<br>Acq<br>(A)<br>Disp<br>of (I | of E   |     | 5. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                  |       | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |       |                               |  | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) |   | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |                      |
|  |  |      |   |       | Code   | v  | (A) | (D)  | Date<br>Exercisa |       | Expiration<br>Date  | Title | Amo<br>or<br>Num<br>of<br>Sha | ber  |   |   |  |  |   |                      |

## Explanation of Responses:

1. Restricted stock unit award granted under the Martin Marietta Materials, Inc. Amended and Restated Stock-Based Award Plan, which award cliff vests in five years from the date of grant.

/s/ Daniel L. Grant

08/25/2014

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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