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| <b>OMB APPROVAL</b>                          |           |
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

|   |   |   |
|---|---|---|
| 1. Name and Address of Reporting Person *<br><u>Meek Thomas J</u><br><br>(Last) (First) (Middle)<br>622 THIRD AVENUE<br><br>(Street)<br>NEW YORK NY 10017<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>MINERALS TECHNOLOGIES INC [ MTX ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>Senior Vice President</u> |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br>01/22/2013                          |   |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)  |   |   |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |       | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price |   |  |   |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|-------|
|  |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| Employee Stock Option (Right to Buy)       | \$41.29  | 01/22/2013                           |  | A                              |   | 16,795   |     | (1)  | 01/22/2023      | Common Stock  | 16,795                                     | \$0  | 79,159 <sup>(2)</sup>                                     | D  |       |
| Deferred Restricted Stock Units (DRSUs)    | (3)  | 01/22/2013                           |  | A                              |   | 8,816  |     | (4)  | (4)             | Common Stock  | 8,816                                      | \$0  | 28,780 <sup>(5)</sup>                                     | D  |       |

**Explanation of Responses:**

- The options vest in three equal annual installments beginning on January 22, 2014.
- On December 11, 2012, the Company effected a 2-for-1 split of its common stock in the form a stock dividend, resulting in the reporting person's ownership of 31,182 additional shares of stock options.
- Each DRSU is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.
- DRSUs vest in three equal annual installments beginning on January 22, 2014.
- On December 11, 2012, the Company effected a 2-for-1 split of its common stock in the form a stock dividend, resulting in the reporting person's ownership of 9,982 additional shares of DRSUs.

**Remarks:**

Thomas Meek 01/24/2013  
 \*\* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.