

HARRISON DENNIS R  
Form 4  
January 28, 2011

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

**OMB APPROVAL**

OMB  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
HARRISON DENNIS R

2. Issuer Name **and** Ticker or Trading  
Symbol

MINERALS TECHNOLOGIES INC  
[MTX]

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)

01/26/2011

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_X\_\_ Officer (give title below) \_\_\_\_ Other (specify below)

Senior Vice President

MINERALS TECHNOLOGIES  
INC, 622 THIRD AVENUE

(Street)

4. If Amendment, Date Original  
Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check  
Applicable Line)

\_X\_ Form filed by One Reporting Person

\_\_\_\_ Form filed by More than One Reporting  
Person

NEW YORK, NY 10017

(City) (State) (Zip)

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

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

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

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SEC 1474  
(9-02)

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

| 1. Title of<br>Derivative | 2. Conversion | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if | 4. Transaction | 5. Number<br>of Derivative | 6. Date Exercisable and<br>Expiration Date | 7. Title and Amount of<br>Underlying Securities | 8 |
|---------------------------|---------------|-----------------------------------------|----------------------------------|----------------|----------------------------|--------------------------------------------|-------------------------------------------------|---|
|---------------------------|---------------|-----------------------------------------|----------------------------------|----------------|----------------------------|--------------------------------------------|-------------------------------------------------|---|

# Edgar Filing: HARRISON DENNIS R - Form 4

| Security<br>(Instr. 3)                              | or Exercise<br>Price of<br>Derivative<br>Security | any<br>(Month/Day/Year) | Code<br>(Instr. 8) | Securities<br>Acquired<br>(A) or<br>Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | (Month/Day/Year) |     | (Instr. 3 and 4)    |                    | S               |                                        |
|-----------------------------------------------------|---------------------------------------------------|-------------------------|--------------------|-----------------------------------------------------------------------------------|------------------|-----|---------------------|--------------------|-----------------|----------------------------------------|
|                                                     |                                                   |                         | Code               | V                                                                                 | (A)              | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of<br>Shares |
| Employee<br>Stock<br>Option<br>(Right to<br>Buy)    | \$ 64.46                                          | 01/26/2011              | A                  |                                                                                   | 7,411            |     | <u>(1)</u>          | 01/26/2021         | Common<br>Stock | 7,411                                  |
| Deferred<br>Restricted<br>Stock<br>Units<br>(DRSUs) | <u>(2)</u>                                        | 01/26/2011              | A                  |                                                                                   | 4,496            |     | <u>(3)</u>          | <u>(3)</u>         | Common<br>Stock | 4,496                                  |

## Reporting Owners

| Reporting Owner Name / Address                                                           | Relationships                    |
|------------------------------------------------------------------------------------------|----------------------------------|
|                                                                                          | Director 10% Owner Officer Other |
| HARRISON DENNIS R<br>MINERALS TECHNOLOGIES INC<br>622 THIRD AVENUE<br>NEW YORK, NY 10017 | Senior Vice President            |

## Signatures

Thomas J. Meek for Dennis R.  
Harrison 01/28/2011

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).
- (1) The options vest in three equal annual installments beginning on January 26, 2012.
- (2) Each DRSU is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.
- (3) DRSUs vest in three equal annual installments beginning on January 26, 2012. Vested shares will be delivered to the reporting person upon vesting.

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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