

MINERALS TECHNOLOGIES INC
 Form 4/A
 March 01, 2007

FORM 4

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

OMB APPROVAL

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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

(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)
MINERALS TECHNOLOGIES INC., 405 LEXINGTON AVENUE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
02/28/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
VICE PRESIDENT

NEW YORK, NY 10174

4. If Amendment, Date Original Filed(Month/Day/Year)
02/28/2007

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Ownership (Instr. 4)
				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	02/28/2007		M		2,500	A	\$ 51.38
Common Stock	02/28/2007		S		2,500	D	\$ 61.91
Common Stock					2,772	I	(1) By 401(k) Plan

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

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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 Underlying Securities (Instr. 3 and 4)	8. Pr
Employee Stock Option (Right to Buy) ⁽²⁾	\$ 51.38	02/28/2007		M	2,500	⁽³⁾ ⁽³⁾	Common Stock	2,500

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

HARRISON DENNIS R
MINERALS TECHNOLOGIES INC.
405 LEXINGTON AVENUE
NEW YORK, NY 10174

VICE PRESIDENT

Signatures

LASZLO SERESTER FOR DENNIS R.
HARRISON

03/01/2007

__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) Mr. Harrison has 2,772 shares of Minerals Technologies Inc. stock under the Company's 401(k) Plan. The information contained in this report is based on a plan statement dated as of February 22, 2007.
 - (2) On February 28, 2007, due to clerical error, the reporting person inadvertently reported the title of the derivative security as a Deferred Restricted Stock Unit when in fact the title of the derivative security is an Employee Stock Option (Right to Buy).
 - (3) The option vested in three equal annual installments beginning on August 27, 2000.
 - (4) One-for-one.

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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