

HARRISON DENNIS R
Form 4
February 25, 2010

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)
MINERALS TECHNOLOGIES
INC, 405 LEXINGTON AVE
(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
02/23/2010

____ Director ____ 10% Owner
__X__ Officer (give title below) ____ Other (specify below)
Senior Vice President

NEW YORK, NY 10174

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

(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D)	Price	
Common Stock	02/23/2010		M		2,300	A 11,313	D
Common Stock	02/23/2010		F		833	\$ 10,480	D
Common Stock						3,438 (2)	I

By 401(k)
Plan

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

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SEC 1474
(9-02)

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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
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares
Deferred Restricted Stock Units (DRSUs)	(1)	02/23/2010		M	2,300	(3) (3)	Common Stock	2,300

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
HARRISON DENNIS R MINERALS TECHNOLOGIES INC 405 LEXINGTON AVE NEW YORK, NY 10174	Senior Vice President

Signatures

Thomas Meek for Dennis R.
Harrison 02/25/2010

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) Each DRSU is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.

(2) Mr. Harrison has 3438 shares of Minerals Technologies Inc. Common Stock under the Company's 401(k) Plan. The information contained in this report is based on a Plan Statement dated as of February 23, 2010.

(3) Mr. Harrison was granted 2300 DRSUs on February 23, 2005, which vest on the fifth year anniversary of the grant date.

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

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