MINERALS TECHNOLOGIES INC

Form 4

January 24, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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response...

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue.

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

See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * MUSCARI JOSEPH C

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

MINERALS TECHNOLOGIES INC

(Check all applicable)

[MTX]

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

_X__ Director 10% Owner X_ Officer (give title Other (specify below) below)

01/22/2014

Executive Chairman

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

(Instr. 8)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

(Instr. 4)

Person

NEW YORK, NY 10017

622 THIRD AVENUE

(Zip)

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

1. Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year)

(State)

(Street)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (T)

(Instr. 4)

Following Reported Transaction(s)

(A) (Instr. 3 and 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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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date Underlying Securities** Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 57.965	01/22/2014		A		42,405		<u>(1)</u>	01/22/2024	Common Stock	42,405
Deferred Restricted Stock Units ("DRSUs")	(2)	01/22/2014		A		22,049		(3)	(3)	Common Stock	22,049

Reporting Owners

Reporting Owner Name / Address	Relationships						
. Programme	Director	10% Owner	Officer	Other			
MUSCARI JOSEPH C 622 THIRD AVENUE NEW YORK, NY 10017	X		Executive Chairman				

Signatures

Thomas Meek for Joseph Muscari 01/24/2014

**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 on January 22, 2015.
- (2) Each DRSU is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.
- (3) DRSUs vest on January 22, 2015.

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.

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