SEC	Form	4
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# 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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL									
OMB Number:	3235-0287								
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Estimated average burden	

		Person*	2. Issuer Name and Ticker or Trading Symbol MINERALS TECHNOLOGIES INC [ MTX	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
				X	Director	10% Owner			
,(l. ast)	(Firet)	(Middlo)	[1		Officer (give title below)	Other (specify below)			
(Last) (First) (Middle) MINERALS TECHNOLOGIES INC. 405 LEXINGTON AVENUE		,	3. Date of Earliest Transaction (Month/Day/Year) 09/17/2008		,	,			
405 LEXINGIO	JN AVENUE		4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv	/idual or Joint/Group Fili	ing (Check Applicable			
(Street)				Line)					
NEW YORK	NY	10174		X	Form filed by One Re	eporting Person			
	141	10174	_		Form filed by More th Person	an One Reporting			
(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. Transa Code ( 8)		Disposed Of (	Disposed Of (D) (Instr. 3, 4 and		5. Amount of Securities Beneficially Owned Following Reported		t of Indirect
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)

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. Transa Code ( 8)		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exerc Expiration Da (Month/Day/Y	ate	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		Unity Unity	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			Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Phantom Stock Units	(1)	09/17/2008		Α		1.516		(2)	(2)	Common Stock	1.516	\$ <mark>0</mark>	1,842.233	D	

#### **Explanation of Responses:**

1. Each phantom stock unit is the economic equivalent of one share of the Company's common stock.

2. The phantom stock units were accrued under the Minerals Technologies Inc. Non-Funded Deferred Compensation and Unit Award Plan for Non-Employee Directors and are to be settled in cash upon the reporting person's termination of service as a director

### **Remarks:**

#### Charles Malone for Joseph C. Muscari

09/19/2008

\*\* Signature of Reporting Person Date

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

 $^{\ast}$  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.