

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

1. Name and Address of Reporting Person* <b>DIETRICH DOUGLAS T</b>  (Last) (First) (Middle) <b>622 THIRD AVENUE</b>  (Street) <b>NEW YORK NY 10017</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>MINERALS TECHNOLOGIES INC [ MTX ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>Chairman and CEO</b>
	3. Date of Earliest Transaction (Month/Day/Year) <b>05/28/2024</b>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)  <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
	Rule 10b5-1(c) Transaction Indication  <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.	

**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	05/28/2024		M		12,010	A	\$60.185	157,557	D	
Common Stock	05/28/2024		S		12,010	D	\$84.8527 <sup>(1)</sup>	145,547	D	
Common Stock	05/29/2024		M		2,010	A	\$60.185	147,557	D	
Common Stock	05/29/2024		M		22,968	A	\$38.285	170,525	D	
Common Stock	05/29/2024		S		24,978	D	\$84.1805 <sup>(2)</sup>	145,547	D	
Common Stock								4,278.493	I	By 401(k) <sup>(3)</sup>

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	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	(A)	(D)	Date Exercisable	Expiration Date					
Employee Stock Option (Right to Buy)	\$60.185	05/28/2024		M			12,010	(4)	01/20/2025	Common Stock 12,010	\$0.00	2,010	D	
Employee Stock Option (Right to Buy)	\$60.185	05/29/2024		M			2,010	(4)	01/20/2025	Common Stock 2,010	\$0.00	0.00	D	
Employee Stock Option (Right to Buy)	\$38.285	05/29/2024		M			22,968	(5)	01/19/2026	Common Stock 22,968	\$0.00	0.00	D	

**Explanation of Responses:**

- Weighted average price representing high of \$85.08 and low of \$84.50.
- Weighted average price representing high of \$84.43 and low of \$84.03.
- The information contained in this report is based on a Plan Statement dated as of May 28, 2024.
- The options were granted on January 20, 2015 and vested in three equal annual installments beginning on January 20, 2016.
- The options were granted on January 19, 2016 and vested in three equal annual installments beginning on January 19, 2017.

**Remarks:**

Timothy Jordan for Douglas T Dietrich 05/30/2024

\*\* Signature of Reporting Person Date

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

\* 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.**