

FORM 4

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

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 * Chemnitz Gregory R. (Last) (First) (Middle) 6070 PARKLAND BLVD. (Street) MAYFIELD HEIGHTS, OH 44124 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol MATERION Corp [MTRN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director _____ 10% Owner __ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) VP General Counsel & Secretary
3. Date of Earliest Transaction (MM/DD/YYYY) 3/1/2018		6. Individual or Joint/Group Filing (Check Applicable Line) __ <input checked="" type="checkbox"/> Form filed by One Reporting Person ____ Form filed by More than One Reporting Person
4. If Amendment, Date Original Filed (MM/DD/YYYY)		

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	3/2/2018		M <u>(1)</u>		3058	A	\$0	16303	D	
Common Stock	3/2/2018		F		918	D	\$50.70	15385	D	
Common Stock								5082.129	I	Held in 401(k) Plan

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Unit	<u>(2)</u>	3/1/2018		A		3359		<u>(3)</u>	<u>(4)</u>	Common Stock	3359.0	\$0	6417	D	
Restricted Stock Units	<u>(2)</u>	3/2/2018		M <u>(1)</u>		3058		<u>(3)</u>	<u>(4)</u>	Common Stock	3058.0	\$0	3359	D	
Stock Appreciation Rights	\$50.35	3/1/2018		A		5358		<u>(5)</u>	3/1/2025	Common Stock	5358.0	\$0	5358	D	

Explanation of Responses:

- These shares were issued pursuant to the vesting of a restricted stock unit award made in March 2015.
- Each restricted stock unit represents a contingent right to receive one share of MTRN common stock.
- The restricted stock units are subject to a three year vesting period.
- Expiration Date is the same as the Date Exercisable.
- The Stock Appreciation Rights vest in three equal annual installments beginning March 1, 2019.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Chemnitz Gregory R. 6070 PARKLAND BLVD. MAYFIELD HEIGHTS, OH 44124			VP General Counsel & Secretary	

Signatures

Nicole A. Pytlak / Attny in fact

3/5/2018

**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.

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