

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

1. Name and Address of Reporting Person* <u>RITTICHER JEFFREY</u> (Last) (First) (Middle) <u>2015 W. CHESTNUT STREET</u> (Street) <u>ALHAMBRA CA 91803</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>EMCORE CORP [EMKR]</u>	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) <u>Chief Executive Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>10/24/2017</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	10/24/2017		M		56,257 ⁽¹⁾	A	(2)	297,353 ⁽³⁾	D	
Common Stock	10/24/2017		F		28,936 ⁽⁴⁾	D	\$8.4	268,417	D	

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						Title
Performance-Based Restricted Stock Units (PSUs)	(5)	10/24/2017		M		33,334		(6)	(6)	Emcore Common Stock	33,334 ⁽⁵⁾	(2)	33,333	D	

Explanation of Responses:

- Represents shares of Issuer common stock subject to an award of performance-based restricted stock units ("PSUs") that vests based on the Issuer's total shareholder return ("TSR") compared to pre-established TSR goals, based on the TSR of the Russell Microcap Index, that were set by the Compensation Committee of the Board of Directors. The Compensation Committee determined on October 24, 2017 that the number of PSUs earned was 168.77% of the target number of PSUs subject to the first tranche of the award.
- The PSUs were awarded to the Reporting Person for no cash or other similar consideration.
- Reflects a correction in the number of shares of common stock reported as beneficially owned by the Reporting Person in prior reports due to an inadvertent error that appeared in the prior reports.
- Represents the number of shares required to be withheld in accordance with Rule 16b-3 to cover the Reporting Person's tax withholding obligations in connection with the vesting of the PSUs reported herein.
- Each PSU represented a contingent right to receive one share of the Issuer's common stock, based on the Issuer's TSR compared to pre-established relative TSR goals, based on the TSR of the Russell Microcap Index, that were set by the Compensation Committee of the Board of Directors. The aggregate number of shares issued may range from zero (0) to 200% of the target number of shares granted.
- PSUs that become vested and nonforfeitable are paid in shares of Common Stock as soon as practicable following the vesting date.

Remarks:

/s/ Ryan Hochgesang, attorney in fact 10/25/2017

** 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.