

Gomez Alfredo
 Form 4
 November 14, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Gomez Alfredo

2. Issuer Name and Ticker or Trading Symbol
 EMCORE CORP [EMKR]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 10420 RESEARCH ROAD SE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/11/2011

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Gen. Counsel and Corp. Sec.

ALBUQUERQUE, NM 87123
 (City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Emcore Common Stock | 11/11/2011 | | A | V Amount (A) or (D) Price \$ 0.98 | 150,652 (1) | D | |
| Emcore Common Stock | | | | | 5,954 (2) | I | By Trust 401(k) |

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 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 Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Nu... Deriv... Secur... Bene... Own... Follo... Repo... Trans... (Instr...) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
| | | | | Code V (A) (D) | | Date Exercisable Expiration Date | Title Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-----------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Gomez Alfredo 10420 RESEARCH ROAD SE ALBUQUERQUE, NM 87123 | | | Gen. Counsel and Corp. Sec. | |

Signatures

/s/ Alfredo Gomez 11/14/2011

__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) Includes 100,000 shares of restricted stock granted under the Company's 2010 Equity Incentive Plan, 50,000 vesting in three equal annual installments beginning on January 28, 2012 and 50,000 vesting in three equal annual installments beginning on May 3, 2012 and 45,000 restricted stock units granted under the Company's 2010 Equity Incentive Plan and vesting in three equal annual installments beginning on August 22, 2012.
- (2) Shares attributable to EMCORE Corporation 401(k) account as of September 30, 2011.
- (3) Shares were purchased under the Company's Officer and Director Share Purchase Plan in a transaction exempt from Section 16b pursuant to Rule 16b-3(d).

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.