FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | |
| Estimated average burden | | | | | | | | |
| hours per response: | 0.5 | | | | | | | |

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

| Name and Address of Reporting Person* Pfeiffer Johan Fredrik | | | | 2. Issuer Name and Ticker or Trading Symbol FMC TECHNOLOGIES INC [FTI] | | | | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | | | |
|--|--|--|---|--|--|--|--------------------------------|----|---------------------------|------------|--|--|--|---|---|--|--|---|---|-----------------------|--|--|
| (Last) 5875 NO | (Fir RTH SAM | st) (N HOUSTON PAR | Middle) KWAY WEST | 3. Date of Earliest Transaction (Month/Day/Year) 03/04/2013 | | | | | | | | | | | | | | | | low) | specify | |
| (Street) HOUSTO | ON TX | 7086 (ip) | 4. If A | Line) X Form f | | | | | | | | | | r Joint/Group Filing (Check Applicable filed by One Reporting Person filed by More than One Reporting | | | | | | | | |
| 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 D if any (Month/Day/ | | ate, | 3. Transac Code (I 8) | | saction | | 4. Securities Acc Disposed Of (D) 5) | | | | 5. Amount of Securities Beneficially Owned | | 6. Ownership Form: Direct (D) or Indirect (I) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | | Code | • | v | Amo | Amount (A) | | Price | | Following Reported Transaction(s) (Instr. 3 and 4) | | | (Instr. 4) | | (Inst | r. 4) | | |
| Common Stock | | | 03/04/2013 | | | | S | | | 17 | ,000 | D | \$5 | \$50.705(1) | | 102,867.796 | | D | | | | |
| Common | Stock | | | | | | | | | | | | | | 6,280.73 | | I | | By International Savings Plan | | | |
| Common | Stock | | | | | | | | | | | | | 7,144.3008 | | 8008 | I | | _ | Qualified (k) Plan | | |
| | 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. Transac Code (Ir 8) | | 5. Nu of Deriv Secui Acqu (A) or Dispo of (D) (Instr | rities ired osed | Ex | Date I pirati onth/ | on Da | | An Se Un De Se | Title nount curiti derly rivati curity and 4 | t of ies ying ive y (Instr. | of Der Sec | Price rivative curity str. 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 (D) Exercisa | | Expiration able Date | | | Amou or Numb of Title Shares | | | | | | | | | | |

Explanation of Responses:

1. Represents the weighted average trading price of the shares sold. The trading range for these shares was \$50.54 to \$51.00. The reporting person will provide full information regarding the number of shares sold at each separate price upon request by the Securities Exchange Commission, the issuer or a security holder of the issuer.

Lisa P. Wang, Attorney-In-

03/06/2013

Fact

** 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.