

| OMB APPROVAL                                    |           |
|---|-----------|
| OMB Number:                                     | 3235-0287 |
| Estimated average burden<br>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

|   |   |   |
|---|---|---|
| <b>1. Name and Address of Reporting Person*</b><br><u>NETHERLAND JOSEPH H</u><br><br>(Last) (First) (Middle)<br>1803 GEARS ROAD<br><br>(Street)<br>HOUSTON TX 77067<br><br>(City) (State) (Zip) | <b>2. Issuer Name and Ticker or Trading Symbol</b><br><u>FMC TECHNOLOGIES INC [ FTI ]</u> | <b>5. Relationship of Reporting Person(s) to Issuer</b><br>(Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><b>Chairman of Board</b> |
|   | <b>3. Date of Earliest Transaction (Month/Day/Year)</b><br>03/03/2008                     |   |
| <b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>   |   |   |

**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                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.25  | 455,907   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.32  | 455,807   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.31  | 455,707   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.135 | 455,607   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.24  | 455,507   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.275 | 455,407   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.175 | 455,307   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.3   | 455,207   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.17  | 455,107   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.268 | 455,007   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 100   | D          | \$57.26  | 454,907   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 200   | D          | \$57.305 | 454,707   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 200   | D          | \$57.29  | 454,507   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 200   | D          | \$57.295 | 454,307   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 225   | D          | \$57.28  | 454,082   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 351   | D          | \$57.36  | 453,731   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 500   | D          | \$57.14  | 453,231   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 600   | D          | \$57.208 | 452,631   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 600   | D          | \$57.4   | 452,031   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 700   | D          | \$57.21  | 451,331   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 800   | D          | \$56.91  | 450,531   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 1,200   | D          | \$57.12  | 449,331   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 1,200   | D          | \$57.27  | 448,131   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 1,300   | D          | \$57.2   | 446,831   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 1,521   | D          | \$57.13  | 445,310   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 1,600   | D          | \$56.92  | 443,710   | D  |   |

**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                    | 03/03/2008                           |  | S                              |   | 1,600   | D          | \$57.11 | 442,110   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 2,000   | D          | \$57.15 | 440,110   | D  |   |
| Common Stock                    | 03/03/2008                           |  | S                              |   | 2,003   | D          | \$57.1  | 438,107   | D  |   |
| Common Stock                    |                                      |  |                                |   |   |            |         | 1,516.4634  | I  | By Qualified 401(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. 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 |   |  |  |   |  |

Explanation of Responses:

Remarks:

By: Elizabeth A. Cook,                      03/05/2008  
Attorney-in-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.