

| OMB APPROVAL | |
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INITIAL STATEMENT OF 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* <u>Halvorsen Tore</u> <hr/> (Last) (First) (Middle) 1803 GEARS ROAD <hr/> (Street) HOUSTON TX 77067 <hr/> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 12/12/2006 | 3. Issuer Name and Ticker or Trading Symbol <u>FMC TECHNOLOGIES INC [FTI]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Vice President | 5. If Amendment, Date of Original Filed (Month/Day/Year) 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 |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 51,270 ⁽¹⁾ | D | |
| Common Stock | 4,046 | I | By International Savings Plan |

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|--|--|---|
| | Date Exercisable | Expiration Date | | | | |
| Employee Stock Option (right to buy) | 01/02/2004 | 02/15/2011 | Common Stock | 10,000 | 20 | D |
| Employee Stock Option (right to buy) | 01/02/2006 | 02/20/2013 | Common Stock | 14,740 | 19.39 | D |
| Employee Stock Option (right to buy) | 01/02/2007 | 02/19/2014 | Common Stock | 10,000 | 25.22 | D |
| Stock Appreciation Right ⁽²⁾ | 01/02/2000 | 02/24/2008 | Common Stock | 6,872 | 19.3184 | D |
| Stock Appreciation Right ⁽²⁾ | 01/02/2000 | 03/31/2007 | Common Stock | 6,872 | 16.9338 | D |

Explanation of Responses:

- Restricted stock exempt under Rule 16b-3.
- Stock Appreciation Rights (SARs) of the issuer (FMC Technologies, Inc.) were converted from SARs of FMC Corporation and acquired in pro rata distribution from FMC Corporation on 12/31/2001.

Remarks:

By: James L. Marvin, 12/15/2006
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 5 (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.