

**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>Seaman Maryann T.</u>  (Last) (First) (Middle) <u>1803 GEARS ROAD</u>  (Street) <u>HOUSTON TX 77067</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>07/27/2007</u>	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) <u>Vice President Administration</u>	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)
<u>Common Stock</u>	<u>18,274<sup>(1)</sup></u>	<u>D</u>	
<u>Common Stock</u>	<u>730</u>	<u>I</u>	<u>By Qualified 401(k) Plan</u>

**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				
<u>Employee Stock Option (right to buy)</u>	<u>01/02/2006</u>	<u>02/20/2013</u>	<u>Common Stock</u>	<u>2,865</u>	<u>19.39</u>	<u>D</u>
<u>Employee Stock Option (right to buy)</u>	<u>01/02/2007</u>	<u>02/19/2014</u>	<u>Common Stock</u>	<u>3,160</u>	<u>25.22</u>	<u>D</u>
<u>Phantom Stock Units</u>	<u>(2)</u>	<u>(2)</u>	<u>Common Stock</u>	<u>3,391<sup>(3)</sup></u>	<u>0</u>	<u>D</u>

**Explanation of Responses:**

1. Of the total shares, 11,750 are restricted stock exempt under Rule 16b-3

2. A participant's interest in the FMC Technologies, Inc. Non-Qualified Savings and Investment Plan (NQ Plan) is represented in Phantom Stock Units which are payable in cash following termination or retirement of the reporting person's employment with FMC Technologies, Inc. or death.

3. Phantom Stock Units held by the reporting person under the FMC Technologies, Inc. Non-Qualified Savings and Investment Plan (NQ Plan). Phantom Stock Units are payable in cash following termination or retirement of the reporting person's employment with FMC Technologies, Inc., or death.

**Remarks:**By: James L. Marvin,  
attorney-in-fact08/06/2007

\*\* 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.