

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

1. Name and Address of Reporting Person* <u>Gremp John T</u> (Last) (First) (Middle) 1803 GEARS ROAD (Street) HOUSTON TX 77067 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>FMC TECHNOLOGIES INC [FTI]</u>	5. 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>Executive Vice President</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>03/17/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	03/17/2010		M		19,048	A	\$9.207	199,215.493	D	
Common Stock	03/17/2010		S		4	D	\$63.73	199,211.493	D	
Common Stock	03/17/2010		S		100	D	\$63.93	199,111.493	D	
Common Stock	03/17/2010		S		100	D	\$63.83	199,011.493	D	
Common Stock	03/17/2010		S		100	D	\$63.69	198,911.493	D	
Common Stock	03/17/2010		S		100	D	\$63.63	198,811.493	D	
Common Stock	03/17/2010		S		100	D	\$63.61	198,711.493	D	
Common Stock	03/17/2010		S		100	D	\$63.585	198,611.493	D	
Common Stock	03/17/2010		S		100	D	\$63.535	198,511.493	D	
Common Stock	03/17/2010		S		100	D	\$63.42	198,411.493	D	
Common Stock	03/17/2010		S		100	D	\$63.345	198,311.493	D	
Common Stock	03/17/2010		S		100	D	\$63.295	198,211.493	D	
Common Stock	03/17/2010		S		100	D	\$63.25	198,111.493	D	
Common Stock	03/17/2010		S		100	D	\$63.22	198,011.493	D	
Common Stock	03/17/2010		S		100	D	\$63.19	197,911.493	D	
Common Stock	03/17/2010		S		100	D	\$63.18	197,811.493	D	
Common Stock	03/17/2010		S		100	D	\$63.11	197,711.493	D	
Common Stock	03/17/2010		S		100	D	\$63.06	197,611.493	D	
Common Stock	03/17/2010		S		100	D	\$63.05	197,511.493	D	
Common Stock	03/17/2010		S		100	D	\$63.03	197,411.493	D	
Common Stock	03/17/2010		S		100	D	\$63.01	197,311.493	D	
Common Stock	03/17/2010		S		100	D	\$63	197,211.493	D	
Common Stock	03/17/2010		S		100	D	\$62.93	197,111.493	D	
Common Stock	03/17/2010		S		100	D	\$62.89	197,011.493	D	
Common Stock	03/17/2010		S		200	D	\$63.64	196,811.493	D	
Common Stock	03/17/2010		S		200	D	\$63.3	196,011.493	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	03/17/2010		S		200	D	\$63.24	195,611.493	D	
Common Stock	03/17/2010		S		200	D	\$63.14	195,011.493	D	
Common Stock	03/17/2010		S		200	D	\$62.96	194,811.493	D	
Common Stock	03/17/2010		S		200	D	\$62.94	194,611.493	D	

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						Title
Employee Stock Option (right to buy)	\$9.207	03/17/2010		M			19,048	01/02/2006	02/20/2013	Common Stock	19,048	\$9.207	0	D	

Explanation of Responses:

Remarks:

Multiple Forms submitted.

By: Elizabeth A. Cook, 03/19/2010
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.