

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

1. Name and Address of Reporting Person* <b>MAMBU RONALD D</b> <hr/> (Last) (First) (Middle) <b>1803 GEARS ROAD</b> <hr/> (Street) <b>HOUSTON TX 77067</b> <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>FMC TECHNOLOGIES INC [ FTI ]</b>	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) <b>Vice President and Controller</b>
	3. Date of Earliest Transaction (Month/Day/Year) <b>08/04/2004</b>	
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	08/04/2004		M		15,553	A	\$12.79	39,793	D	
Common Stock	08/04/2004		M		8,680	A	\$16.48	48,473	D	
Common Stock	08/04/2004		M		12,659	A	\$19.66	61,132	D	
Common Stock	08/04/2004		M		13,108	A	\$16.93	74,240	D	
Common Stock	08/04/2004		S		500	D	\$30.12	73,740	D	
Common Stock	08/04/2004		S		2,200	D	\$30.13	71,540	D	
Common Stock	08/04/2004		S		2,000	D	\$30.14	69,540	D	
Common Stock	08/04/2004		S		18,267	D	\$30.15	51,273	D	
Common Stock	08/04/2004		S		300	D	\$30.16	50,973	D	
Common Stock	08/04/2004		S		4,000	D	\$30.17	46,973	D	
Common Stock	08/04/2004		S		1,100	D	\$30.18	45,873	D	
Common Stock	08/04/2004		S		600	D	\$30.19	45,273	D	
Common Stock	08/04/2004		S		3,000	D	\$30.2	42,273	D	
Common Stock	08/04/2004		S		500	D	\$30.21	41,773	D	
Common Stock	08/04/2004		S		900	D	\$30.26	40,873	D	
Common Stock	08/04/2004		S		900	D	\$30.27	39,973	D	
Common Stock	08/04/2004		S		500	D	\$30.28	39,473	D	
Common Stock	08/04/2004		S		1,000	D	\$30.29	38,473	D	
Common Stock	08/04/2004		S		4,400	D	\$30.3	34,073	D	
Common Stock	08/04/2004		S		2,700	D	\$30.31	31,373	D	
Common Stock	08/04/2004		S		1,480	D	\$30.33	29,893	D	
Common Stock	08/04/2004		S		1,000	D	\$30.34	28,893	D	
Common Stock	08/04/2004		S		2,600	D	\$30.35	26,293	D	
Common Stock	08/04/2004		S		2,053	D	\$30.36	24,240	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	Amount or Number of Shares				
Employee Stock Option (right to buy)	\$19.66	08/04/2004		M			12,659	01/02/1999	03/08/2006	Common Stock	12,659	\$0	0.00	D	
Employee Stock Option (right to buy)	\$16.93	08/04/2004		M			13,108	01/02/2000	03/31/2007	Common Stock	13,108	\$0	1,360	D	
Employee Stock Option (right to buy)	\$12.79	08/04/2004		M			15,553	01/02/1998	03/31/2009	Common Stock	15,553	\$0	0.00	D	
Employee Stock Option (right to buy)	\$16.48	08/04/2004		M			8,680	01/02/1998	04/21/2010	Common Stock	8,680	\$0	0.00	D	

Explanation of Responses:

By: By: James L. Marvin      08/06/2004

\*\* 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.