

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

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>Pfeiffer Johan Fredrik</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) 06/01/2010	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) VP, Global Surface Wellhead	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	39,804.898	D	
Common Stock	3,140.36	I	By International Savings Plan
Common Stock	2,989.9644	I	By Qualified 401(k) 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	Title	Amount or Number of Shares			
Phantom Stock Units	(1)	(1)	Common Stock	3,143.634 ⁽²⁾	(3)	D	

Explanation of Responses:

1. 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.
2. 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 terminations or retirement of the reporting person's employment with FMC Technologies, Inc. or death.
3. N/A

Remarks:

pfeifferpoa2010.JPG

By: Elizabeth A. Cook,
Attorney-in-Fact

06/09/2010

** 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.

June 1, 2010

Securities and Exchange Commission
450 Fifth Street, N.W.
Washington, D.C. 20549-0001

Re: FMC Technologies, Inc. - Power of Attorney

To whom it may concern:

This will confirm that I have granted each of the individuals listed below the authority to, on my behalf, execute and file the Initial Statement of Beneficial Ownership of Securities (Form 3), the Statement of Changes in Beneficial Ownership of Securities (Form 4) and the Annual Statement of Changes in Beneficial Ownership (Form 5), as my Attorney In Fact.

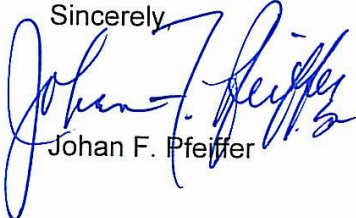
Such power of attorney shall remain in full force and effect until either (i) I am no longer subject to the reporting requirements under Section 16 of the Securities Act of 1933, as amended or (ii) I have provided you with written notice withdrawing this authority.

The individuals who are authorized to act as my Attorney-In-Fact under this Power of Attorney are as follows:

Elizabeth A. Cook
Robert A. Pool
Robert Quintanilla
James T. Sullivan
Mark D. Wolf

This Power of Attorney is effective immediately upon filing with the Securities and Exchange Commission and, for purposes of my future Form 4 and Form 5 filings, replaces and revokes all other Powers of Attorney previously filed by me.

Sincerely,



Johan F. Pfeiffer