

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934**

Date of Report (Date of Earliest Event Reported): October 2, 2009

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**FMC Technologies, Inc.**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation)

**1-16489**  
(Commission File Number)

**36-4412642**  
(I.R.S. Employer  
Identification No.)

**1803 Gears Road**  
**Houston, Texas 77067**  
(Address, Including Zip Code,  
of Principal Executive Offices)

**Registrant's telephone number, including area code: (281) 591-4000**

**Not Applicable**

Former name or former address, if changed since last report

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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**Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

***Amendment to Qualified and Non-Qualified Defined Benefit Pension Plans***

On October 2, 2009, the Board of Directors of FMC Technologies, Inc. (the Company) amended the Company's Qualified and Non-Qualified Defined Benefit Pension Plans (the "U.S. Pension Plans") to freeze participation in the U.S. Pension Plans for all new non-union employees hired on or after January 1, 2010 and current non-union employees with less than 5 years of vesting service as of December 31, 2009. For current non-union employees with less than 5 years of vesting service as of December 31, 2009, benefits accrued under the U.S. Pension Plans and earned as of that date will be frozen based on credited service and pay as of December 31, 2009.

***Amendment to Qualified and Non-Qualified Savings and Investment Plans***

The Board of Directors also approved amendments to the Company's U.S. Qualified and Non-Qualified Savings and Investment Plans (the "Amended Plans"). Under the Amended Plans, the Company will make a non-elective contribution equal to 4 percent of an employee's eligible earnings every pay period. All new non-union employees hired on or after January 1, 2010 and current non-union employees with less than 5 years of vesting service as of December 31, 2009 will participate in the Amended Plans. The vesting schedule for the 4 percent non-elective contribution under the Amended Plans is 3 years of continuous service with the Company.

