

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO Section 240.13d-1(b), (c), AND (d) AND AMENDMENTS THERETO
FILED PURSUANT TO Section 240.13d-2

Under the Securities Exchange Act of 1934

(Amendment No. 2)

FMC TECHNOLOGIES INC

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

30249U101

(CUSIP Number)

DECEMBER 31, 2015

(Date of Event which Requires Filing of Statement)

Check the appropriate box to designate the Rule pursuant to which this Schedule
is filed:

Rule 13d - 1(b)

Rule 13d - 1(c)

Rule 13d - 1(d)

1 Name of Reporting Person

Sands Capital Management, LLC

2 Check the Appropriate Box if a Member of a Group

NOT APPLICABLE

3 SEC Use Only

4 Citizenship or Place of Organization

Delaware, United States

Number of Shares Beneficially Owned by Each Reporting Person With

5 Sole Voting Power: 10,808,692

6 Shared Voting Power: -0-

7 Sole Dispositive Power: 13,903,990

8 Shared Dispositive Power: -0-

9 Aggregate Amount Beneficially Owned by Each Reporting Person

13,903,990

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

NOT APPLICABLE

11 Percent of Class Represented by Amount in Row 9

6.1% (1)

12 Type of Reporting Person

IA

(1) Based on 227,980,415 shares outstanding as reported in the Issuer's Form 10-Q as of October 20, 2015.

Item 1(a) Name of Issuer:

FMC TECHNOLOGIES INC

Item 1(b) Address of Issuer's Principal Executive Offices:

5875 N Sam Houston Parkway W., Houston, TX 77086

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(f) An employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);

(g) A parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G);

(h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) A non-U.S. institution in accordance with Section 240.13d-1(b)(1)(ii)(J);

(k) Group, in accordance with Section 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Section 240.13d-1(b)(1)(ii)(J), please specify the type of institution: _____

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned: 13,903,990

(b) Percent of class: 6.1%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote: 10,808,692

(ii) Shared power to vote or to direct the vote: None

(iii) Sole power to dispose or to direct the disposition of: 13,903,990

(iv) Shared power to dispose or to direct the disposition of: None

Item 5 Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following .

Item 6 Ownership of More than Five Percent on Behalf of Another Person

Securities reported on this Schedule 13G are beneficially owned by clients of Sands Capital Management, LLC. Sands Capital Management, LLC clients include pension plans, endowments, foundations, mutual funds, charities, state and municipal government entities, Taft-Hartley plans, families, and individuals, among other types.

The advisory clients of Sands Capital Management, LLC do not individually own more than 5% of the outstanding shares.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable.

Item 8 Identification and Classification of Members of the Group.

Not Applicable.

Item 9 Notice of Dissolution of Group.

Not Applicable.

Item 10 Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and

~~the securities referred to above were issued by the issuer~~

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