

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

**FORM 8-K**

**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 22, 2009**

**MINERALS TECHNOLOGIES INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction  
of incorporation)

**1-11430**

(Commission File  
Number)

**25-1190717**

(IRS Employer  
Identification No.)

**405 Lexington Avenue, New York, NY**

(Address of principal executive offices)

**10174-0002**

(Zip Code)

**(212) 878-1800**

(Registrant's telephone number, including area code)

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 8.01****Other Events**

On October 22, 2009 Minerals Technologies Inc. issued a press release announcing that it will expand its satellite precipitated calcium carbonate (PCC) plant at a paper mill owned by Suzano Papel e Celulose, S.A. in Suzano, Brazil. A copy of the press release is attached hereto as Exhibit 99.1 and incorporated by reference herein.

The information in this Item 8.01 and Exhibit 99.1 shall not be deemed filed for the purposes of Section 18 of the Securities and Exchange Act of 1934, as amended, or incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

**Item 9.01****Financial Statements and Exhibits.**

- (d) Exhibits
    - 99.1 Press Release dated October 22, 2009
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## SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**MINERALS TECHNOLOGIES INC.**  
(Registrant)

By: /s/ Thomas J. Meek  
Name: Thomas J. Meek  
Title: Vice President, General Counsel and Secretary

Date: October 22, 2009

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**MINERALS TECHNOLOGIES INC.**

**EXHIBIT INDEX**

**Exhibit No.**

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**Subject Matter**

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99.1

Press Release dated October 22, 2009

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For Immediate Release  
October 22, 2009

# News

Contact:  
Rick Honey  
(212) 878-1831

**MINERALS TECHNOLOGIES INC. TO EXPAND  
SATELLITE PCC FACILITY AT PAPER MILL OWNED BY  
COMPANHIA SUZANO PAPEL É CELULOSE, S.A., IN BRAZIL**

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NEW YORK, October 22—Minerals Technologies Inc. (NYSE: MTX) announced today that it will expand its satellite precipitated calcium carbonate (PCC) plant at a paper mill owned by Suzano Papel é Celulose, S.A. in Suzano, Brazil. The facility, which was originally constructed in 1996, is operated by Minerals Technologies do Brasil Comercia é Industria de Mineraiis Ltda.

The satellite PCC plant that produces filler material for Suzano’s uncoated freesheet paper, will increase from a two-unit facility to three units, with a unit equivalent to 25,000 to 35,000 tons of PCC produced annually. Minerals Technologies also provides PCC to Suzano Papel é Cellulose, S.A. from its satellite plant at the papermaker’s mill at Mucuri, Brazil.

“We are very pleased to be able to expand our operations and our long-term relationship with this world-class paper company,” said Joseph C. Muscari, chairman and chief executive officer, adding that the expansion will be in operation in the first quarter of 2010.

PCC is a specialty pigment for filling and coating high-quality paper. By substituting PCC for more expensive wood fiber, customers like Suzano are able to produce brighter, higher quality paper at lower cost. Minerals Technologies originated the satellite concept for making and delivering PCC on-site at paper mills, and the company helped to enable the Brazilian industry to compete in the global paper market while optimizing the consumption of critical natural forestry resources. Minerals Technologies constructed its first PCC satellite plant in 1986. Today, the company has 53 satellite plants in operation or under construction around the world and continues to lead the industry with consistent quality and technical innovation.

Minerals Technologies Inc. is a global resource- and technology-based growth company that develops, produces and markets worldwide a broad range of specialty mineral, mineral-based and synthetic mineral products and related systems and services. The company recorded sales of \$1.1 billion in 2008.

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*For further information about Minerals Technologies Inc. look on the internet at <http://www.mineralstech.com/>*

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