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

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): February 2, 2009.

Applied Materials, Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

000-06920 (Commission File Number) 94-1655526 (IRS Employer Identification No.)

3050 Bowers Avenue P.O. Box 58039 Santa Clara, CA (Address of principal executive offices)

95052-8039 (Zip Code)

Registrant's telephone number, including area code: (408) 727-5555

N/A (Former name or former address, if changed since last report.)

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:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Item 2.02 Results of Operations and Financial Condition.

On February 2, 2009, Applied Materials, Inc. (Applied) issued a press release announcing preliminary results for its first fiscal quarter ended January 25, 2009. A copy of this press release is furnished herewith as Exhibit 99.1.

The information contained herein and in the accompanying exhibit shall not be incorporated by reference into any filing of Applied, whether made before or after the date hereof, regardless of any general incorporation language in such filing, unless expressly incorporated by specific reference in such filing. The information in this report, including the exhibit hereto, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits. The following exhibit is being furnished as part of this report.

Exhibit No.		Description
99.1	Press Release of Applied Materials, Inc. of February 2, 2009.	

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.

Applied Materials, Inc. (Registrant)

Date: February 2, 2009

By: /s/ Joseph J. Sweeney

Joseph J. Sweeney Senior Vice President, General Counsel and Corporate Secretary

EXHIBIT INDEX

Description

Exhibit No. 99.1

Press Release of Applied Materials, Inc. of February 2, 2009.



NEWS RELEASE

CONTACT: David Miller (editorial/media) 408.563.9582 Michael Sullivan (financial community) 408.986.7977

Applied Materials Announces Preliminary First Quarter Results

SANTA CLARA, Calif., February 2, 2009 — Applied Materials, Inc. today announced preliminary results for its first fiscal quarter ended January 25, 2009.

The company expects a net loss in the range of \$0.09 to \$0.11 per share for the first fiscal quarter, which includes the following charges that decreased earnings per share by \$0.09: 1] a restructuring charge of approximately \$133 million (or \$0.06 per share) associated with a cost reduction program announced on November 12, 2008; 2] a provision of \$48 million (or \$0.02 per share) for doubtful accounts receivable related to certain customers' deteriorating financial condition in the challenging economic and industry environment; and 3] additional inventory charges of \$20 million (or \$0.01 per share) due to a decline in demand for semiconductor and display products. On November 12, 2008, the company provided a target of earnings per diluted share for the first fiscal quarter in the range of \$0.00 to \$0.04. This target did not include the above charges, which could not be estimated or were not known at that time.

Net Sales for the first fiscal quarter are expected to be approximately \$1.33 billion, down 35 percent from the fourth quarter of fiscal 2008, and at the low end of the previously provided target range of down 25 to 35 percent.

The company intends to continue implementing cost reduction programs, including shutdowns and additional restructuring activities, as appropriate for the unprecedented business conditions.

On February 10, 2009, Applied Materials will announce its first fiscal quarter results and hold its regularly scheduled conference call beginning at 1:30 p.m. Pacific Standard Time. A webcast of the conference call will be available to all interested parties on Applied Materials' Web site at http://www.appliedmaterials.com under the "Investors" section.

This press release contains certain forward-looking statements, including those relating to expected results for the first fiscal quarter and cost reduction programs. These statements are subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements, including but not limited to: possible adjustments to financial results as Applied completes its regular closing process for the first fiscal quarter; uncertain global economic and industry conditions; Applied's ability to maintain effective cost controls and timely align its cost structure with business conditions; and other risks described in Applied's SEC filings, including its reports on Forms 10-K, 10-Q and 8-K. All forward-looking statements are based on management's estimates, projections and assumptions as of the date hereof. The company undertakes no obligation to update any forward-looking statements.

Applied Materials, Inc. (Nasdaq:AMAT) is the global leader in Nanomanufacturing Technology[™] solutions with a broad portfolio of innovative equipment, service and software products for the fabrication of semiconductor chips, flat panel displays, solar photovoltaic cells, flexible electronics and energy efficient glass. At Applied Materials, we apply Nanomanufacturing Technology to improve the way people live. Learn more at <u>www.appliedmaterials.com</u>.