
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):

January 26, 2009

MKS Instruments, Inc.

(Exact name of registrant as specified in its charter)

Massachusetts

(State or other jurisdiction
of incorporation)

000-23621

(Commission
File Number)

04-2277512

(I.R.S. Employer
Identification No.)

2 Tech Drive, Suite 201, Andover, Massachusetts

(Address of principal executive offices)

01810

(Zip Code)

Registrant's telephone number, including area code:

978-645-5500

Not Applicable

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:

- 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 2.05 Costs Associated with Exit or Disposal Activities.

On January 26, 2009, MKS Instruments, Inc. (the "Company") committed to a plan of termination with respect to approximately 10% of its workforce. This decision was based on the overall economic slowdown, particularly in the semiconductor capital equipment industry. As a result, the Company expects to incur approximately \$2.5 million in cash expenditures for severance and related costs, which the Company expects to record in the quarter ending March 31, 2009. The Company expects annual compensation-related savings of approximately \$19 million as a result of these reductions.

Safe Harbor Language

This Report on Form 8-K contains projections or other forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27 of the Securities Act, and Section 21E of the Securities Exchange Act. These projections or statements, including the charges to be incurred and the compensation-related savings to be realized, are only predictions, and are subject to the final terms of the various terminations. Actual events or results may differ materially from those in the projections or other forward-looking statements set forth herein. Among the important factors that could cause actual events to differ materially from those in the projections or other forward-looking statements are fluctuations in capital spending in the semiconductor industry, fluctuations in net sales to MKS' major customers, potential fluctuations in quarterly results, the challenges, risks and costs involved with integrating the operations of MKS and any acquired companies, dependence on new product development, rapid technological and market change, acquisition strategy, manufacturing and sourcing risks, volatility of stock price, international operations, financial risk management, and future growth subject to risks. Readers are referred to MKS' filings with the Securities and Exchange Commission, including its most recent Annual Report on Form 10-K and most recent quarterly report on Form 10-Q, for a discussion of these and other important risk factors concerning MKS and its operations. MKS is under no obligation to, and expressly disclaims any obligation to, update or alter its forward-looking statements, whether as a result of new information, future events or otherwise.

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.

MKS Instruments, Inc.

January 29, 2009

By: */s/ Ronald C. Weigner*

Name: Ronald C. Weigner

Title: Vice President and Chief Financial Officer