
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):

December 30, 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 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On December 30, 2009, the Board of Directors of MKS Instruments, Inc. ("MKS") appointed Gerald G. Colella as Vice President and Chief Operating Officer of MKS effective as of January 1, 2010. Mr. Colella, age 52, will continue in his additional role as Acting VP, Power and Reactive Gas Products, which he has held since July 2007. Mr. Colella served as Chief Business Officer from April 2005 until his recent appointment. Prior to that, Mr. Colella served as Vice President, Global Business and Service Operations from October 1997 to April 2005. From March 1996 to October 1997, he served as Director of Materials Planning and Logistics, and from February 1994 to March 1996, he served as Materials Planning and Logistics Manager. Mr. Colella joined MKS in April 1983 as Purchase Contract Administrator. He holds an M.B.A from Southern New Hampshire University as well as a B.A. in Secondary Education from the University of Massachusetts.

On December 30, 2009, the Board of Directors of MKS appointed Seth H. Bagshaw as Vice President and Chief Financial Officer of MKS, effective as of January 1, 2010. Mr. Bagshaw replaced Ronald C. Weigner, who resigned as Chief Financial Officer. Effective as of January 1, 2010, Mr. Weigner was appointed Vice President of Finance, and shall continue in his role as Treasurer of MKS.

Prior to his recent appointment, Mr. Bagshaw, age 50, served as MKS' Vice President and Corporate Controller, beginning in March 2006. Prior to joining MKS, Mr. Bagshaw served as Vice President and Chief Financial Officer of Vette Corp., an integrated global supplier of thermal management systems from 2004 until 2006. From 1999 until 2004, Mr. Bagshaw served as Vice President and Corporate Controller of Varian Semiconductor Equipment Associates, Inc., and from 1998 until 1999, he served as Vice President and Chief Financial Officer of Palo Alto Products International, Inc. until its acquisition by Flextronics International, Ltd. Prior to that, Mr. Bagshaw held several senior financial management positions at Waters Corporation, most recently as Vice President and Chief Financial Officer of its Asia-Pacific region, and was a Senior Manager at PricewaterhouseCoopers LLC. Mr. Bagshaw is a certified public accountant and has a B.S. in Business Administration from Boston University and an M.B.A. from Cornell University.

Item 9.01 Financial Statements and Exhibits.

99.1 Press release dated January 5, 2010, announcing management changes

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 5, 2010

By: *Leo Berlinghieri*

Name: Leo Berlinghieri

Title: CEO & President

Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release dated January 5, 2010, announcing management changes

**MKS Instruments Promotes Gerald G. Colella to Chief Operating Officer and Seth H. Bagshaw to Vice President
And Chief Financial Officer**

Andover, Mass., January 5, 2010 — MKS Instruments, Inc. (NASDAQ: MKSI), a global provider of technologies that enable advanced processes and improve productivity, today announced several changes in management which are effective immediately.

Gerald G. Colella will assume the position of Vice President and Chief Operating Officer. Mr. Colella has more than 25 years of leadership experience at MKS in global operations, sales, service, materials planning and logistics. Mr. Colella most recently served as MKS' Vice President and Chief Business Officer and as Acting Group Vice President, Power and Reactive Gas Products. Mr. Colella received his B.A. from the University of Massachusetts and his M.B.A. from Southern New Hampshire University.

Seth H. Bagshaw, Vice President and Corporate Controller, will assume the position of Vice President and Chief Financial Officer and will succeed Ronald C. Weigner who most recently served as Vice President, Chief Financial Officer and Treasurer. Mr. Weigner will continue on as Vice President of Finance and Treasurer. Mr. Bagshaw has been with the company since 2006 and has over 20 years of senior financial management experience in multinational publicly traded and privately held high technology companies. Mr. Bagshaw received his B.S. in Business Administration from Boston University and his M.B.A. from Cornell University. Mr. Bagshaw is also a certified public accountant.

Mr. Colella, Mr. Bagshaw and Mr. Weigner will report to Leo Berlinghieri, Chief Executive Officer and President.

Mr. Berlinghieri, Chief Executive Officer and President, said, "Jerry's exceptional customer focus, comprehensive knowledge of the industry, and management skills navigating through industry cycles have contributed significantly to MKS' success over the years. Jerry's promotion will allow us to focus on growth opportunities in the semiconductor equipment market as well as a variety of other markets. In addition, Seth's financial management experience and public accounting experience will assure continued strong financial management and control over our operations."

MKS Instruments, Inc. is a global provider of instruments, subsystems and process control solutions that measure, control, power, monitor and analyze critical parameters of advanced manufacturing processes to improve process performance and productivity. Our products are derived from our core competencies in pressure measurement and control, materials delivery, gas composition analysis, electrostatic charge management, control and information technology, power and reactive gas generation, and vacuum technology. Our primary served markets are manufacturers of capital equipment for semiconductor devices, and for other thin film applications including flat panel displays, solar cells, data storage media, and other advanced coatings. We also leverage our technology in other markets with advanced manufacturing applications including medical equipment, pharmaceutical manufacturing, energy generation, and environmental monitoring.

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