

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): April 22, 2004

MKS Instruments, Inc.

(Exact name of registrant as specified in charter)

Massachusetts

0-23621

04-2277512

(State or other jurisdiction of
incorporation)

(Commission
File Number)

(IRS Employer
Identification No.)

90 Industrial Way, Wilmington, Massachusetts

01887

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code: (978) 284-4000

(Former name or former address, if changed since last report)

ITEM 5. OTHER EVENTS AND REGULATION FD DISCLOSURE.

On April 22, 2004, the Board of Directors of MKS Instruments, Inc. (the "Company") appointed Leo Berlighieri, the Company's Vice President and Chief Operating Officer, as President and Chief Operating Officer. John R. Bertucci resigned as President, but shall continue in his role as the Company's Chairman and Chief Executive Officer. The full text of the press release issued by the Company on April 26, 2004 in connection with the management change is attached as Exhibit 99.1 to this Current Report on Form 8-K.

SIGNATURE

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.

Date: April 26, 2004

MKS Instruments, Inc.

By: /s/ Ronald C. Weigner

Ronald C. Weigner,
Vice President & Chief Financial Officer

EXHIBIT INDEX

Exhibit No.

Description

99.1

Press release dated April 26, 2004

FOR IMMEDIATE RELEASE

CONTACT:
Ronald Weigner
Vice President & Chief Financial Officer
978.975.2350

MKS INSTRUMENTS ELECTS LEO BERLINGHIERI AS PRESIDENT AND COO

Wilmington, Mass., April 26, 2004, MKS Instruments, Inc. (NASDAQ: MKSI), a leading worldwide provider of process control technologies for improving productivity in semiconductor and other advanced manufacturing processes, today announced that its Board of Directors elected Leo Berlinghieri to the position of President and Chief Operating Officer. He previously served as Vice President and Chief Operating Officer. Mr. Berlinghieri continues to report to John R. Bertucci, who resigned his position as President and continues as Chairman and Chief Executive Officer.

Mr. Berlinghieri retains responsibility for all product groups, global sales and service, marketing, technology, and global business operations, including quality, manufacturing, and supply chain management.

Mr. Berlinghieri, 50, has served as Vice President and Chief Operating Officer since July 2003 after serving as Vice President, Global Sales and Service since 1995. He has had responsibility for operating positions in manufacturing, supply chain management and customer service during his 23 years with MKS.

John Bertucci, Chairman and Chief Executive Officer, said, "Leo's demonstrated skills in leading our talented management team have contributed to MKS' growth, as we have taken the next steps in partnering with our customers to help improve their process productivity and profitability. The Board and I are pleased to recognize his leadership abilities and look forward to his continued contributions in this dynamic business environment."

MKS Instruments, Inc. is a leading worldwide provider of process control solutions for advanced manufacturing processes such as semiconductor device manufacturing; thin-film manufacturing for flat panel displays, data storage media, architectural glass and electro-optical products; and technology for medical imaging equipment. Our

instruments, components and subsystems incorporate sophisticated technologies to power, measure, control, and monitor increasingly complex gas related semiconductor manufacturing processes, thereby enhancing our customers' uptime, yield and throughput, and improving their productivity and return on invested capital.

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