

BERLINGHIERI LEO  
Form 4  
March 07, 2011

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**BERLINGHIERI LEO**

2. Issuer Name and Ticker or Trading Symbol  
**MKS INSTRUMENTS INC [MKSI]**

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

(Last) (First) (Middle)  
  
**2 TECH DRIVE**  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
**03/04/2011**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**President and CEO**

**ANDOVER, MA 01810**

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	03/04/2011		M		50,000 A \$ 14.72	55,013	D
Common Stock	03/05/2011		S		50,000 D \$ 32.023	5,013	D
Common Stock	03/04/2011		M		14,624 A (2)	19,637	D
Common Stock	03/04/2011		M		10,833 A (2)	30,470	D
Common Stock	03/04/2011		F(3)		10,629 D \$ 32.05	19,841	D

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 14.72	03/04/2011		M	50,000	07/30/2005 <sup>(4)</sup> 07/30/2014	Common Stock	50,000
Restricted Stock Unit	<sup>(2)</sup>	03/04/2011		M	14,624	<sup>(5)</sup> <sup>(5)</sup>	Common Stock	14,624
Restricted Stock Unit	<sup>(2)</sup>	03/04/2011		M	10,833	<sup>(6)</sup> <sup>(6)</sup>	Common Stock	10,833

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BERLINGHIERI LEO 2 TECH DRIVE ANDOVER, MA 01810	X		President and CEO	

## Signatures

/s/Renee M.  
Donlan POA 03/07/2011

\*\*Signature of Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) This transaction was executed in multiple trades at prices ranging from \$30.00 to \$30.08. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide, upon request, the full information regarding the number of shares

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and prices at which the transaction was effected.

- (2) Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.
- (3) This transaction was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- (4) 25% after first year, 6.25% each quarter thereafter - total 4 years.
- (5) These RSUs are subject to the achievement of performance criteria determined in the first year of the grant and thereafter vests in equal annual installments over three years.
- (6) The RSUs vest in equal annual installments over three years.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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