SEC Form 5

obligations may continue. See Instruction 1(b).

FORM 5	UNITED STATES SECURITIES AND EXCHANGE COMMISSION
	Washington, D.C. 20549
Check this box if no longer sub	ject to
Section 16. Form 4 or Form 5	

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0362								
Estimated average t	ourden								

1.0

hours per response:

Form 3 Holdin	ngs Reported.		OWNERSIM			hours per re	sponse:
X Form 4 Transa	actions Reported.		Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940	Ļ			
1. Name and Address of Reporting Person [*] SMITH JOHN ALEXANDER			2. Issuer Name and Ticker or Trading Symbol <u>MKS INSTRUMENTS INC</u> [MKSI]	(Check	ationship of Re all applicable Director Officer (give	2)	son(s) to Issuer 10% Owner Other (specify
(Last) (First) (Middle) 2 TECH DRIVE	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2009		below)	below) Chief Tech Officer			
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line)	vidual or Joint/	Group Filing	(Check Applicable
ANDOVER	MA	01810		X	Form filed I	by One Repo	orting Person
(City)	(State)	(Zip)			Form filed I Person	by More than	one Reporting

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	h/Day/Year) Execution Date, if any	Code (Instr.	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			Securities Beneficially	6. Ownership Form: Direct (D) or	Indirect Beneficial		
			8)	Amount	(A) or (D)	Price	Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)		

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)	if any '	4. Transaction Code (Instr. 8)	Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		(Instr. 4)		
Restricted Stock Unit	(1)	03/16/2009		4A	1,400 ⁽²⁾		(3)	(3)	Common Stock	1,400	\$ <mark>0</mark>	17,204	D	

Explanation of Responses:

1. Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.

2. These shares were inadvertently not reported with the equity grant on March 16, 2009.

3. These shares are subject to the achievement of performance criteria, and thereafter shall vest in equal annual installments over three years.

/s/Renee M. Donlan POA

** Signature of Reporting Person

02/12/2010

Date

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

* 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).

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

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 Number.