MKS INSTRUMENTS INC
Reported by
ANDERSON ROBERT R

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 05/18/17 for the Period Ending 05/08/17

Address	2 TECH DRIVE SUITE 201 ANDOVER, MA 01810
Telephone	978-645-5500
CIK	0001049502
Symbol	MKSI
SIC Code	3823 - Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products
Industry	Industrial Machinery & Equipment
Sector	Industrials
Fiscal Year	12/31

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden hours per response... 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person [*]

ANDERSON ROBERT R
(Last) (First) (Middle)

2 TECH DRIVE, SUITE 201
(Street)

ANDOVER, MA 01810
(City) (State) (Zip) | 2. Issuer Name **and** Ticker or Trading Symbol

MKS INSTRUMENTS INC [MKSI]

3. Date of Earliest Transaction (MM/DD/YYYY)

5/8/2017

4. If Amendment, Date Original Filed (MM/DD/YYYY) | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

 _**X**_ Director _____ 10% Owner
 ____ Officer (give title below) ____ Other (specify below)

6. Individual or Joint/Group Filing (Check Applicable Line)
 _**X**_ 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	5/8/2017		G	V	2000	D	$0	9295.824	I	**By Trust**
Common Stock								3832.466	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		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) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ANDERSON ROBERT R **2 TECH DRIVE, SUITE 201** **ANDOVER, MA 01810**	X			

Signatures

/s/ M. Kathryn Rickards, attorney-in-fact	**5/18/2017**
[**] Signature of Reporting Person	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 control number.