

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* <u>EMERSON ELECTRIC CO</u> (Last) (First) (Middle) <u>8000 W. FLORISSANT AVE.</u> (Street) <u>ST LOUIS MO 63136</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MKS INSTRUMENTS INC [MKSI]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>04/04/2006</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/04/2006		S		15,000	D	\$23.1912 ⁽¹⁾	7,431,711	I	Through a subsidiary ⁽²⁾
Common Stock	04/05/2006		S		15,000	D	\$23.2366 ⁽³⁾	7,416,711	I	Through a subsidiary ⁽²⁾
Common Stock								1,065,182	D ⁽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)	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 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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

1. Name and Address of Reporting Person* <u>EMERSON ELECTRIC CO</u> (Last) (First) (Middle) <u>8000 W. FLORISSANT AVE.</u> (Street) <u>ST LOUIS MO 63136</u> (City) (State) (Zip)		
---	--	--

1. Name and Address of Reporting Person* <u>ASTEC AMERICA INC</u> (Last) (First) (Middle) <u>5810 VAN ALLEN WAY</u> (Street) <u>CARLSBAD CA 92008</u> (City) (State) (Zip)		
--	--	--

Explanation of Responses:

1. The sales were effected in multiple transactions, at varying prices, on April 4, 2006, as follows: 200 shares at \$23.02; 200 at \$23.03; 152 at \$23.05; 500 at \$23.06; 184 at \$23.07; 500 at \$23.08; 300 at \$23.09; 500 at \$23.10; 1,000 at \$23.11; 500 at \$23.12; 600 at \$23.13; 1,000 at \$23.14; 1,500 at \$23.15; 300 at \$23.16; 700 at \$23.17; 700 at \$23.18; 500 at \$23.19; 400 at \$23.20; 464 at \$23.22; 300 at \$23.23; 900 at \$23.25; 400 at \$23.26; 400 at \$23.27; 100 at \$23.28; 600 at \$23.29; 400 at \$23.31; 300 at \$23.32; 200 at \$23.33; 200 at \$23.34; 100 at \$23.39; 100 at \$23.40; 100 at \$23.42; 200 at \$23.43; 200 at \$23.44; 100 at \$23.49; and 200 at \$23.51. The weighted average sales price for these transactions was \$23.1912 per share.

2. The reported securities are owned directly by Astec America Inc. The Reporting Person is the ultimate parent company of Astec America Inc.

3. The sales were effected in multiple transactions, at varying prices, on April 5, 2006, as follows: 100 shares at \$23.04; 300 at \$23.05; 300 at \$23.06; 400 at \$23.07; 800 at \$23.08; 200 at \$23.11; 400 at \$23.12; 200 at \$23.13; 500 at \$23.14; 200 at \$23.15; 100 at \$23.16; 600 at \$23.18; 400 at \$23.19; 700 at \$23.20; 1,300 at \$23.21; 1,100 at \$23.22; 900 at \$23.23; 100 at \$23.24; 500 at \$23.25; 100 at \$23.26; 1,100 at \$23.27; 200 at \$23.28; 300 at \$23.29; 938 at \$23.30; 200 at \$23.31; 100 at \$23.33; 900 at \$23.34; 500 at \$23.35; 62 at \$23.36; 200 at \$23.37; 100 at \$23.40; 400 at \$23.43; 200 at \$23.44; 100 at \$23.46; 300 at \$23.49; 100 at \$23.50; and 100 at \$23.51. The weighted average sales price for these transactions was \$23.2366 per share.

4. The reported securities are owned directly by Emerson Electric Co.

Remarks:

See Exhibit 99.1 - Joint Filer Information

/s/ Harley M. Smith, Assistant
Secretary for Emerson Electric Co. 04/06/2006

/s/ Harley M. Smith, Secretary for
Astec America Inc. 04/06/2006

** 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 Number.

