

**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

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

1. Name and Address of Reporting Person* <u>EMERSON ELECTRIC CO</u>  (Last) (First) (Middle) 8000 W. FLORISSANT AVE.  (Street) ST LOUIS MO 63136  (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) 04/17/2006	
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	04/17/2006		S		15,000	D	\$22.8708 <sup>(1)(2)</sup>	7,311,711	I	Through a subsidiary <sup>(3)</sup>
Common Stock	04/18/2006		S		15,000	D	\$23.2776 <sup>(4)(5)</sup>	7,296,711	I	Through a subsidiary <sup>(3)</sup>
Common Stock								1,065,182	D <sup>(6)</sup>	

**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)		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)					

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

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

**Explanation of Responses:**

1. The sales were effected in multiple transactions, at varying prices, on April 17, 2006, as follows and as described in Footnote 2 below: 300 shares at \$22.57; 400 at \$22.58; 300 at \$22.59; 1,400 at \$22.60; 300 at \$22.61; 878 at \$22.63; 300 at \$22.64; 100 at \$22.65; 500 at \$22.66; 200 at \$22.67; 400 at \$22.69; 400 at \$22.70; 100 at \$22.72; 500 at \$22.73; 100 at \$22.74; 459 at \$22.75; 100 at \$22.76; 100 at \$22.77; 200 at \$22.84; 100 at \$22.91; 340 at \$22.92; 360 at \$22.93; 300 at \$22.94; 527 at \$22.95; 500 at \$22.96; 400 at \$22.97; and 200 at \$22.99.  
 2. This footnote sets forth additional detail with respect to the transactions described in Footnote 1, as follows: 400 shares at \$23.01; 700 at \$23.02; 100 at \$23.03; 100 at \$23.04; 500 at \$23.05; 200 at \$23.09;

200 at \$23.10; 336 at \$23.11; 300 at \$23.12; 500 at \$23.13; 300 at \$23.14; 300 at \$23.16; 100 at \$23.18; 200 at \$23.19; 200 at \$23.20; 400 at \$23.24; 100 at \$23.25; 100 at \$23.31; 100 at \$23.32; and 100 at \$23.33. The weighted average sales price for these transactions was \$22.8708 per share.

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

4. The sales were effected in multiple transactions, at varying prices, on April 18, 2006, as follows and as described in Footnote 5 below: 200 shares at \$22.62; 200 at \$22.80; 400 at \$22.87; 100 at \$22.89; 100 at \$22.90; 100 at \$22.91; 200 at \$22.92; 100 at \$22.93; 200 at \$22.94; 300 at \$22.95; 500 at \$22.97; 200 at \$23.04; 100 at \$23.07; 400 at \$23.08; 100 at \$23.09; 400 at \$23.10; 200 at \$23.12; 100 at \$23.13; 500 at \$23.14; 200 at \$23.15; 200 at \$23.16; 200 at \$23.18; 200 at \$23.19; 100 at \$23.22; 100 at \$23.23; and 300 at \$23.25.

5. This footnote sets forth additional detail with respect to the transactions described in Footnote 4, as follows: 300 shares at \$23.26; 300 at \$23.27; 200 at \$23.28; 100 at \$23.29; 300 at \$23.31; 400 at \$23.33; 400 at \$23.34; 100 at \$23.35; 500 at \$23.40; 200 at \$23.41; 700 at \$23.43; 300 at \$23.44; 1,700 at \$23.45; 900 at \$23.46; 527 at \$23.47; 400 at \$23.48; 700 at \$23.49; 477 at \$23.50; 400 at \$23.51; 200 at \$23.52; 100 at \$23.53; and 96 at \$23.54. The weighted average sales price for these transactions was \$23.2776 per share.

6. 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. 04/19/2006

/s/ Harley M. Smith, Secretary  
for Astec America Inc. 04/19/2006

\*\* 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.**

Joint Filer Information

Astec America Inc., 5810 Van Allen Way, Carlsbad, California 92008, has designated Emerson Electric Co. as the "Designated Filer" for the purposes of the attached Form 4.

Issuer & Ticker Symbol: MKS Instruments, Inc. (MKSI)

Date of Events Requiring Statement: 04/17/06  
04/18/06

Signature: /s/ Harley M. Smith  
By: Harley M. Smith, Assistant Secretary  
of Emerson Electric Co.

Signature: /s/ Harley M. Smith  
By: Harley M. Smith, Secretary  
of Astec America Inc.