

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</u> <u>MO</u> <u>63136</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MKS INSTRUMENTS INC [MKSI]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>04/12/2006</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	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) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person
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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	04/12/2006		S		15,000	D	\$22.9536 ⁽¹⁾	7,341,711	I	Through a subsidiary ⁽²⁾
Common Stock								1,065,182	D ⁽³⁾	

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		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

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</u> <u>MO</u> <u>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</u> <u>CA</u> <u>92008</u> (City) (State) (Zip)

Explanation of Responses:

1. The sales were effected in multiple transactions, at varying prices, on April 12, 2006, as follows: 100 shares at \$22.79; 100 at \$22.80; 100 at \$22.83; 500 at \$22.84; 200 at \$22.85; 200 at \$22.86; 300 at \$22.87; 209 at \$22.88; 500 at \$22.89; 800 at \$22.90; 883 at \$22.91; 800 at \$22.92; 900 at \$22.93; 1,500 at \$22.94; 800 at \$22.95; 1,300 at \$22.96; 500 at \$22.97; 1,400 at \$22.98; 200 at \$22.99; 800 at \$23.00; 708 at \$23.01; 400 at \$23.02; 700 at \$23.05; 400 at \$23.06; 200 at \$23.07; 300 at \$23.08; 100 at \$23.09; and 100 at \$23.11. The weighted average sales price for these transactions was \$22.9536 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 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.

04/13/2006

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

04/13/2006

** 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 Event Requiring Statement: 04/12/06

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.