

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
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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>08/04/2006</u>	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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. 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	08/04/2006		S		46,008	D	\$20.1398 ⁽¹⁾⁽²⁾	4,873,543	I	Through a subsidiary
Common Stock	08/07/2006		S		28,600	D	\$19.7952 ⁽³⁾⁽⁴⁾	4,844,943	I	Through a subsidiary
Common Stock								1,065,182	D	

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)					

Explanation of Responses:

- The sales were effected in multiple transactions, at varying prices, on August 4, 2006, as follows and as described in Footnote 2 below: 200 shares at \$19.78; 800 at \$19.79; 1,300 at \$19.80; 1,300 at \$19.81; 300 at \$19.82; 900 at \$19.83; 1,100 at \$19.84; 300 at \$19.85; 500 at \$19.86; 400 at \$19.87; 300 at \$19.88; 600 at \$19.89; 524 at \$19.90; 1,676 at \$19.91; 2,200 at \$19.92; 1,400 at \$19.93; 1,608 at \$19.94; 1,400 at \$19.95; 1,500 at \$19.96; 300 at \$19.97; 500 at \$19.98; 1,200 at \$19.99; 1,700 at \$20.00; 700 at \$20.01; 200 at \$20.02; 700 at \$20.03; 400 at \$20.04; 900 at \$20.05; 1,800 at \$20.06; 100 at \$20.08; 300 at \$20.09; 200 at \$20.10; 200 at \$20.11; 200 at \$20.12; 100 at \$20.13; 100 at \$20.15; 200 at \$20.16; and 400 at \$20.17.
- This footnote sets forth additional detail with respect to the transactions described in Footnote 1, as follows: 200 shares at \$20.18; 200 at \$20.19; 200 at \$20.22; 200 at \$20.23; 500 at \$20.24; 100 at \$20.25; 543 at \$20.26; 257 at \$20.27; 300 at \$20.28; 200 at \$20.29; 300 at \$20.30; 100 at \$20.33; 200 at \$20.34; 700 at \$20.35; 400 at \$20.36; 200 at \$20.39; 300 at \$20.40; 100 at \$20.41; 400 at \$20.42; 500 at \$20.43; 400 at \$20.44; 300 at \$20.45; 400 at \$20.46; 500 at \$20.47; 2,000 at \$20.48; 500 at \$20.49; 1,300 at \$20.50; 400 at \$20.51; 300 at \$20.52; 100 at \$20.53; 600 at \$20.54; 100 at \$20.56; 300 at \$20.57; 956 at \$20.58; 344 at \$20.59; 1,100 at \$20.60; 500 at \$20.61; 200 at \$20.62; 800 at \$20.63; 100 at \$20.64; 100 at \$20.65; 100 at \$20.69; and 200 at \$20.74. The weighted average sales price for these transactions was \$20.1398 per share.
- The sales were effected in multiple transactions, at varying prices, on August 7, 2006, as follows and as described in Footnote 4 below: 200 shares at \$19.64; 300 at \$19.65; 200 at \$19.66; 600 at \$19.67; 600 at \$19.68; 1,200 at \$19.69; 1,200 at \$19.70; 870 at \$19.71; 700 at \$19.72; 1,330 at \$19.73; 2,700 at \$19.74; 1,000 at \$19.75; 900 at \$19.76; 1,000 at \$19.77; 2,900 at \$19.78; 1,700 at \$19.79; 1,000 at \$19.80; 1,600 at \$19.81; 1,000 at \$19.82; 600 at \$19.83; 1,000 at \$19.84; and 500 at \$19.85.
- This footnote sets forth additional detail with respect to the transactions described in Footnote 3, as follows: 700 shares at \$19.86; 1,100 at \$19.87; 100 at \$19.88; 500 at \$19.89; 100 at \$19.90; 200 at \$19.91; 200 at \$19.94; 100 at \$19.96; 200 at \$19.98; 400 at \$19.99; 200 at \$20.01; 303 at \$20.02; 500 at \$20.03; 297 at \$20.06; 500 at \$20.08; and 100 at \$20.09. The weighted average sales price for these transactions was \$19.7952 per share.

/s/ Timothy G. Westman,
Assistant Secretary

08/08/2006

** 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.

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