

Smith Steven Craig
 Form 4
 June 15, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Smith Steven Craig

2. Issuer Name and Ticker or Trading Symbol
 Measurement Specialties Inc
 [MEAS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 1000 LUCAS WAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 06/14/2011

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Chief Operating Officer

HAMPTON, VA 23666

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)
Common Stock, no par value	06/15/2011		M	V	1,159.4202 A <u>(1)</u>	11,159.42	D
Common Stock, no par value					1,020.7 <u>(2)</u>	I	By 401(k)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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 Underlying Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount
Restricted Stock Units	(3)	06/14/2011		A	1,753	(4)	(4)	Common Stock	
Restricted Stock Units	(1)	06/15/2011		M	1,159.4202	(1)	(1)	Common Stock, no par value	1,159.4202

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Smith Steven Craig 1000 LUCAS WAY HAMPTON, VA 23666			Chief Operating Officer	

Signatures

/s/ Mark Thomson, Power of Attorney
06/15/2011
**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- Each restricted stock unit represented a contingent right to receive one share of Measurement Specialties, Inc.'s Common Stock. On June 15, 2011, 1,159.4202 of the reporting person's restricted stock units were settled for an equal number of shares of Measurement Specialties, Inc.'s Common Stock.
- (1) Reflects the non-discretionary sale of 12.737 shares as a result of non-discrimination testing.
 - (2) Each restricted stock unit represents a contingent right to receive one share of Measurement Specialties, Inc.'s Common Stock.
 - (3) The restricted stock units vest on June 13, 2012. Vested shares will be delivered to the reporting person on June 13, 2012.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.