

MAPES CHRISTOPHER L  
 Form 4  
 February 08, 2011

**FORM 4**

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

OMB APPROVAL

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**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 \*  
 MAPES CHRISTOPHER L

(Last) (First) (Middle)

A. O. SMITH ELECTRICAL PRODUCTS COMPANY, 531 NORTH 4TH STREET

(Street)

TIPP CITY, OH 45371-1899

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 SMITH A O CORP [AOS]

3. Date of Earliest Transaction (Month/Day/Year)  
 02/07/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 President A. O. Smith Electric

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 Ownership (Instr. 4)
Common Stock				(A) or (D) Price	27,109 <sup>(1)</sup>	D	

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

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SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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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 Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Options (Right to Buy)	\$ 43.115	02/07/2011		A	12,000	(2) 02/07/2021	Common Stock 12,000
Restricted Stock Units	\$ 43.115	02/07/2011		A	4,600	(4) (4)	Common Stock 4,600

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MAPES CHRISTOPHER L A. O. SMITH ELECTRICAL PRODUCTS COMPANY 531 NORTH 4TH STREET TIPP CITY, OH 45371-1899			President A. O. Smith Electric	

## Signatures

James F. Stern, Attorney-in-Fact for Christopher L. Mapes  
Date: 02/08/2011

\_\_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).
- (1) On November 15, 2010, the common stock of A. O. Smith Corporation split 3-for-2, resulting in the reporting person's ownership of 9,036 additional shares of common stock.
- (2) The employee stock options were granted on 02/07/2011 under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3. The options become exercisable in three annual installments of 1/3 of the award starting on 02/07/2012.
- (3) On November 15, 2010, the common stock of A. O. Smith Corporation split 3-for-2, resulting in the reporting person's ownership of 47,250 additional employee stock options.
- (4) The restricted stock units were granted on 02/07/2011 under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3. The restricted stock units become payable in Common Stock on the vesting date of 02/07/2014.
- (5)

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On November 15, 2010, the common stock of A. O. Smith Corporation split 3-for-2, resulting in the reporting person's ownership of 7,200 additional restricted stock units.

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.