

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>SMITH BRUCE M</u> (Last) (First) (Middle) <u>A. O. SMITH CORPORATION</u> <u>11270 WEST PARK PLACE</u> (Street) <u>MILWAUKEE WI 53224</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SMITH A O CORP [AOS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>04/13/2017</u>	
	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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								15,892 ⁽¹⁾	D ⁽²⁾	
Common Stock								2,400 ⁽³⁾	I	In trust ⁽⁴⁾

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	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Units	\$49.83	04/13/2017		A		2,509 ⁽⁵⁾		(6)	(6)	Common Stock	2,509	\$0	117,298 ⁽⁷⁾	D	
Class A Common Stock	\$0 ⁽⁸⁾							(9)	(10)	Common Stock	0		453,964 ⁽¹¹⁾	I	In trust ⁽⁴⁾

Explanation of Responses:

- On October 5, 2016, the common stock of A. O. Smith Corporation split 2-for-1, resulting in the reporting person's ownership of 7,946 additional shares of Common Stock.
- Shares deferred under the A. O. Smith Nonqualified Deferred Compensation Plan.
- On October 5, 2016, the common stock of A. O. Smith Corporation split 2-for-1, resulting in the reporting person's ownership of 1,200 additional shares of Common Stock.
- The reporting person beneficially owns these shares as settlor of a revocable family trust.
- Payment of retainer in Restricted Stock Units under the A. O. Smith Nonqualified Deferred Compensation Plan based on the average of the high and low price of Common Stock on April 13, 2017.
- The Plan permits the participant to defer receipt of the award, and Mr. Smith has made a deferral.
- On October 5, 2016, the common stock of A. O. Smith Corporation split 2-for-1, resulting in the reporting person's ownership of 57,106 additional Restricted Stock Units. The Restricted Stock Units receive a quarterly dividend pursuant to a dividend reinvestment feature of the A. O. Smith Nonqualified Deferred Compensation Plan. The total amount of dividends received was 577 units of Restricted Stock Units.
- 1 for 1.
- Convertible at any time into Common Stock.
- None.
- On October 5, 2016, the common stock of A. O. Smith Corporation split 2-for-1, resulting in the reporting person's ownership of 226,982 additional shares of Class A Common Stock.

Remarks:

James F. Stern, Attorney-in-Fact for Bruce M. Smith 04/17/2017

** 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.