
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

**Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): August 1, 2011

A. O. Smith Corporation

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

1-475
(Commission
File Number)

39-0619790
(IRS Employer
Identification No.)

11270 West Park Place, Milwaukee, Wisconsin 53224-9508
(Address of principal executive offices, including zip code)

(414) 359-4000
(Registrant's telephone number)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communication pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 204.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13-e4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers.

On August 1, 2011, Christopher L. Mapes, Executive Vice President of A.O. Smith Corporation and President of A. O. Smith Electrical Products Company, advised A. O. Smith Corporation (“the Company”) that he will resign from the Company effective August 31, 2011.

A copy of the Company’s press release is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits

The following exhibit is being filed herewith:

99.1 A. O. Smith Corporation News Release dated August 1, 2011.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

A. O. SMITH CORPORATION

Date: August 1, 2011

By: /s/ James F. Stern

James F. Stern

Vice President, General Counsel and Secretary

A. O. SMITH CORPORATION

Exhibit Index to Current Report on Form 8-K Dated August 1, 2011

Exhibit
Number

Description

99.1 News Release of A. O. Smith Corporation, dated August 1, 2011.



August 1, 2011

Mapes to leave A. O. Smith; joins Lincoln Electric as COO

Milwaukee, Wis.—A. O. Smith Corporation (NYSE-AOS) today announced Christopher L. Mapes, executive vice president and president of its Electrical Products unit, will leave the company at the end of August to become chief operating officer of Lincoln Electric and a member of its executive management team.

Lincoln Electric, headquartered in Cleveland, Ohio, designs, develops, and manufactures arc welding products, robotic arc welding systems, plasma and oxyfuel cutting equipment and serves the brazing and soldering alloys market. As chief operating officer, Mapes will be responsible for Lincoln Electric's businesses as well as the Company's global product development initiatives.

Mapes has served as president of Electrical Products, a global manufacturer of electric motors for residential, commercial, and industrial applications, since joining the company in September 2004. He was elected an executive vice president of the corporation in 2006.

"Chris has done a tremendous job leading the transformation of the Electrical Products business over the last seven years," Paul W. Jones, chairman and chief executive officer of A. O. Smith Corporation, said in making the announcement. "Under his direction, the Electrical Products team has successfully structured the business to achieve consistent profitability."

"Chris also has been a key player in the sale of Electrical Products to Regal Beloit Corporation," Jones continued. "His leadership has been critical in driving the transition process while continuing to focus on serving Electrical Products' global customer base. On behalf of our employees and our Board of Directors, I want to thank Chris for his many contributions to A. O. Smith's success."

Mapes is a member of the Lincoln Electric Holdings Inc. (NASDAQ:LECO) Board of Directors. In his new position, he will remain a member of the board.

A. O. Smith Corporation, with headquarters in Milwaukee, Wis., is a global leader applying innovative technology and energy-efficient solutions to products marketed worldwide.