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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

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**FORM 8-K**

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**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 24, 2015**

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**XYLEM INC.**

(Exact name of registrant as specified in its charter)

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**Indiana**  
(State or other jurisdiction  
of incorporation)

**001-35229**  
(Commission  
File Number)

**45-2080495**  
(IRS Employer  
Identification No.)

**1 International Drive**  
**Rye Brook, New York**  
(Address of principal executive offices)

**10573**  
(Zip Code)

**(914) 323-5700**  
(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

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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 communications 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 240.14a-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 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01 Other Events.**

On August 24, 2015, the Board of Directors of Xylem Inc. (the “Company”) approved the adoption of a new share repurchase program. Under the new program, which has no expiration date, the Company is authorized to purchase up to \$500 million in shares of Company common stock. Repurchases under the new program will be structured as permitted by securities laws and other legal requirements. The new program does not obligate the Company to acquire any particular amount of common stock, and it may be suspended at any time in the Company’s discretion.

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**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.

Date: August 25, 2015

**XYLEM INC.**

By: /s/ Shashank Patel

Shashank Patel  
Interim Chief Financial Officer  
(Authorized Officer of Registrant)