KLA TENCOR CORP Form 8-K August 10, 2016

UNITED STATES 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 10, 2016

KLA-TENCOR CORPORATION

(Exact name of registrant as specified in its charter)

Delaware	000-09992	04-2564110
(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)
One Technology Drive, Milpitas, California		95035

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (408) 875-3000

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

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:

åWritten communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

åSoliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

åPre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

åPre-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 10, 2016, Lam Research Corporation and KLA-Tencor Corporation furnished a joint press release providing an update on their planned business combination. A copy of the joint press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference. Item 9.01Financial Statements and Exhibits. (d)Exhibits The following exhibit is filed herewith:

Exhibit No. Description

Text of joint press release furnished by Lam Research Corporation and KLA-Tencor Corporation datedAugust 10, 2016

SIGNATURES

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

KLA-TENCOR CORPORATION

Date: August 10, 2016	By:	/s/ Teri A. Little
	Name:	Teri A. Little
		Senior Vice
	Title:	President and
		General Counsel

EXHIBIT INDEX

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