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): May 3, 2019

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:

□ 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If any emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. Securities registered pursuant to Section 12(b) of the Act:

Title of each class Common Stock, \$0.001 par value per share Trading symbol(s) KLAC Name of each exchange on which registered The Nasdaq Stock Market, LLC The Nasdaq Global Select Market

Item 8.01 Other Events.

On May 3, 2019, the Company issued a press release announcing that the Company's Board of Directors has declared a cash dividend of \$0.75 per share on the Company's common stock. Such dividend shall be payable on June 4, 2019 to the Company's stockholders of record as of the close of business on May 15, 2019. The text of the press release is included as Exhibit 99.1 to this Current Report.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

The following exhibit is filed herewith:

Exhibit No.	Description
99.1	Text of press release furnished on May 3, 2019

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: May 3, 2019

By: /s/ TERI A. LITTLE

 Name:
 Teri A. Little

 Title:
 Executive Vice President and Chief Legal Officer

Investor Relations: Ed Lockwood Sr. Director, Investor Relations (408) 875-9529 ed.lockwood@kla.com Media Relations: Becky Howland, Ph.D. Sr. Director, Corporate Communications (408) 875-9350 becky.howland@kla.com

KLA Declares Regular Cash Dividend

MILPITAS, Calif., May 3, 2019—<u>KLA- Tencor Corporation</u> (NASDAQ: KLAC) announced today that its board of directors has declared a quarterly cash dividend of \$0.75 per share on its common stock, payable on June 4, 2019 to KLA stockholders of record as of the close of business on May 15, 2019.

About KLA:

KLA develops industry-leading equipment and services that enable innovation throughout the electronics industry. We provide advanced process control and process-enabling solutions for manufacturing wafers and reticles, integrated circuits, packaging, printed circuit boards and flat panel displays. In close collaboration with leading customers across the globe, our expert teams of physicists, engineers, data scientists and problem-solvers design solutions that move the world forward. Additional information may be found at www.kla.com (KLAC-F).