KLA TENCOR CORP

Form 4

August 06, 2015

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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may continue.

See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Add WALLACE R	-	ng Person *	2. Issuer Name and Ticker or Trading Symbol KLA TENCOR CORP [KLAC]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O KLA-TEN CORPORATION TECHNOLOGO	ON, ONE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/04/2015	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) President and CEO			
MILPITAS, C	(Street) A 95035		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
	7 m						

(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned
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1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)			4. Securities Acquired ction(A) or Disposed of (D) (Instr. 3, 4 and 5) 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	08/04/2015		M	27,050	A	\$ 0 (1)	34,754	D	
Common Stock	08/04/2015		F	13,605 (2)	D	\$ 51.85	21,149	D	
Common Stock	08/04/2015		M	27,050	A	\$ 0 (3)	48,199	D	
Common Stock	08/04/2015		F	14,115 (4)	D	\$ 51.85	34,084	D	
Common Stock							9,182	I	By Trust (5)

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Common Stock -Restricted Stock Units

89,150 (7) D

(6)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

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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. Transac Code (Instr. 8	5. etionNumber of S) Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3,	S	ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9 H () H ()
				Code	4, and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Ketationships					
	Director	10% Owner	Officer	Other		
WALLACE RICHARD P						
C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE	X		President and CEO			

MILPITAS, CA 95035

Signatures

Brian M. Martin as Attorney-in-Fact for Richard P. Wallace 08/06/2015

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).

(1)

Reporting Owners 2

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On August 4, 2011, the Reporting Person received a grant of performance-based restricted stock units ("RSUs") that, following the completion of fiscal year 2013, was determined by the Compensation Committee of KLA-Tencor's Board of Directors (in August 2013) to cover, based on KLA-Tencor's financial performance during fiscal year 2013, 54,100 shares of KLA-Tencor common stock. On August 4, 2015, the Reporting Person vested in fifty percent (50%) of the performance-based RSUs.

- Pursuant to the terms of the August 4, 2011 performance-based RSU grant, 13,605 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA-Tencor common stock used for purposes of calculating the number of shares to be withheld was the closing price of KLA-Tencor common stock as reported on the NASDAQ Stock Market on such vesting date.
- On August 4, 2011, the Reporting Person received a grant of RSUs covering 54,100 shares of KLA-Tencor common stock. On August 4, 2015, the Reporting Person vested in fifty percent (50%) of such RSUs.
- Pursuant to such terms of the August 4, 2011 RSU grant, 14,115 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA-Tencor common stock used for purposes of calculating the number of shares to be withheld was the closing price of KLA-Tencor common stock as reported on the NASDAQ Stock Market on such vesting date.
- (5) Shares held under the Wallace Living Trust u/a/d 03/27/01, as amended, a trust of which the Reporting Person is a trustee and beneficiary.
- (6) Each RSU represents a contingent right to receive one share of KLA-Tencor common stock.
 - Does not include performance-based RSUs, if any, held by the Reporting Person for which an assessment has not yet been made
- (7) regarding the achievement of the applicable performance goals. Any such holdings will be reported on a Form 4 within two business days of the date such assessment is made.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.