#### KLA TENCOR CORP

Form 4

November 19, 2014

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB APPROVAL** 

OMB 3235-0287 Number:

Expires:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Stock Units

(Print or Type Responses)

	ddress of Repo	_	2. Issuer Name <b>and</b> Ticker or Trading Symbol KLA TENCOR CORP [KLAC]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
C/O KLA-TENCOR CORPORATION, ONE TECHNOLOGY DRIVE		E	(Month/Day/Year) 11/17/2014	X Director 10% Owner Selection to the control of			
(Street)			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			
MILPITAS,	CA 95035			Person			

(City)	(State) (	Zip) Table	e I - Non-D	erivative S	Securi	ties Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		ed of (	Price	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/17/2014		S(1)	10,000	D	\$ 79.252 (2)	9,660	I	By Trust
Common Stock	11/17/2014		S <u>(1)</u>	478	D	\$ 79.4	9,182	I	By Trust
Common Stock - Restricted							155.025 <sup>(5)</sup>	D	

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerci	isable and	7. Titl	le and	8. Price of	9
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Da	te	Amou	ınt of	Derivative	J
	Security	or Exercise		any	Code	of	(Month/Day/Y	(ear)	Under	lying	Security	,
	(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	]
		Derivative				Securities			(Instr.	3 and 4)		(
		Security				Acquired						]
						(A) or						J
						Disposed						-
						of (D)						(
						(Instr. 3,						
						4, and 5)						
										Amount		
							Date Exercisable	Expiration Date	Title	or Number		
				Code V	(A) (D)				of Charac			
					Code V	(A) (D)				Shares		

# **Reporting Owners**

Reporting Owner Name / Address Relationships

X

Director 10% Owner Officer Other

WALLACE RICHARD P C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

President and CEO

## **Signatures**

Brian M. Martin as Attorney-In-Fact for Richard P. Wallace

11/19/2014

\*\*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) This sale was effected pursuant to the terms of a Rule 10b5-1 trading plan adopted by the Reporting Person on December 13, 2013.
  - This transaction was executed in multiple trades at prices ranging from \$79.15 to \$79.66. The price reported above reflects the
- (2) weighted-average sales price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer, full information regarding the number of shares and prices at which the transaction was effected.
- (3) 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.
- (4) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.

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Does not include performance-based RSUs, if any, held by the Reporting Person for which an assessment has not yet been made

(5) regarding the achievement of the applicable performance goals. Any such holdings will be reported on 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.