KLA TENCOR CORP

Form 4

August 06, 2010

FORM 4

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

OMB 3235-0287 Number:

Estimated average

burden hours per

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

response...

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WALLACE RICHARD P

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

KLA TENCOR CORP [KLAC]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

_X__ Director 10% Owner X_ Officer (give title Other (specify

C/O KLA-TENCOR CORPORATION, ONE 08/05/2010

below) President and CEO

TECHNOLOGY DRIVE

(Street)

08/05/2010

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

MILPITAS CA 95035

WILFITAS, CA 95055					Person					
(City)	(State) (Z	Table	I - Non-De	erivative Se	curitie	s Acq	uired, Disposed o	f, or Beneficial	ly 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)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)			
Stock - Restricted Stock Units	08/05/2010		A	57,500 (2)	A	\$0	308,895 (4)	D		
Common Stock -				52 000						

52,800

Α

D

361,695 (4)

\$0

(1)

Restricted

Stock Units

102,430 (5) D

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Common Stock

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

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(9-02)

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)	4. Transact Code (Instr. 8)	5. ionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Under	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
coporang o nate i mate / caucado	Director	10% Owner	Officer	Other			
WALLACE RICHARD P C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035	X		President and CEO				

Signatures

Brian M. Martin as Attorney-in-Fact for Richard P. 08/06/2010 Wallace

> **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) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.
- (2) On August 6, 2009, in addition to the RSUs granted on that date that were subject only to service-vesting requirements (which RSUs have been previously reported on Form 4), Mr. Wallace was also granted RSUs covering up to 57,500 shares of KLA-Tencor common stock, subject to both performance-vesting and service-vesting requirements. Following the completion of KLA-Tencor's audited financial

Reporting Owners 2

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statements for the 2010 fiscal year, KLA-Tencor's Board of Directors determined on August 5, 2010 the level at which the corporate performance goals were attained and, based on the assessment, determined that the number of shares subject to the RSUs is 57,500. Mr. Wallace will vest in fifty percent (50%) of the RSUs upon his completion of two years of service with KLA-Tencor measured from the grant date (August 6, 2009) and will vest in the remaining fifty percent (50%) upon his completion of an additional two years of service thereafter. The shares of common stock will be issued as the RSUs vest.

- Represents a grant of RSUs subject only to service-vesting requirements. Mr. Wallace will vest in fifty percent (50%) of the RSUs upon his completion of two years of service with KLA-Tencor measured from the grant date (August 5, 2010) and will vest in the remaining fifty percent (50%) upon his completion of an additional two years of service thereafter. The shares of common stock will be issued as the RSUs vest.
- Does not include performance-based RSUs, if any, held by the Reporting Person for which an assessment has not yet been made

 (4) 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.
- (5) Includes 677 shares acquired under the KLA-Tencor Employee Stock Purchase Plan on June 30, 2010.

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.