KLA TENCOR CORP

Form 4

October 24, 2013

FORM 4

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

OMB 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

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

Number: January 31, Expires: 2005

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

burden hours per 0.5 response...

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Kirk Michael		g 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)	(First)	st) (Middle) 3. Date of Earliest Trai	3. Date of Earliest Transaction	(Silver all applicable)		
ONE TECHNO	LOGY DR	IVE	(Month/Day/Year) 10/22/2013	Director 10% Owner _X_ Officer (give title Other (specify below) Executive Vice President		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
MIL DITAG C	05025		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
MILPITAS, CA 95035				Person		

(3)

(City)	(State) (Zip) Table	e I - Non-D	D erivative	Secur	rities Acqu	ired, Disposed of	, 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. 4. Securities Acquire Transaction(A) or Disposed of (I Code (Instr. 3, 4 and 5) (Instr. 8)		ed of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	10/22/2013		M	4,000	A	\$ 58.1	4,491	D	
Common Stock	10/22/2013		S <u>(1)</u>	4,000	D	\$ 64.891 (2)	491	D	
Common Stock - Restricted Stock Units							98,525 <u>(4)</u>	D	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shares
Non-Qualified Stock Option (Right to Buy)	\$ 58.1	10/22/2013		M	4,000	<u>(5)</u>	01/27/2014	Common Stock	4,00

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Kirk Michael

ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

Executive Vice President

Signatures

Brian M. Martin as Attorney-in-Fact for Michael Kirk

10/24/2013

**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 6, 2012.
 - This transaction was executed in multiple trades at prices ranging from \$64.89 to \$64.90. 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.
- $\textbf{(3)} \quad \text{Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.}$

(4)

Reporting Owners 2

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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 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.

Represents a stock option granted on January 27, 2004, granting the Reporting Person the right to purchase up to 4,000 shares of (5) KLA-Tencor common stock. 800 of the shares subject to this stock option vested on October 27, 2004 and 1/48 of the remaining 3,200 shares subject to this stock option vested on November 27, 2004 and each monthly anniversary thereafter until October 27, 2008.

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.