KLA TENCOR CORP

Form 4

February 10, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

OMB APPROVAL

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SECURITIES 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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Kirk Michael

(First)

(Middle)

Symbol KLA TENCOR CORP [KLAC]

2. Issuer Name and Ticker or Trading

3. Date of Earliest Transaction

02/06/2014

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

ONE TECHNOLOGY DRIVE

(Month/Day/Year)

Director 10% Owner _X__ Officer (give title Other (specify below)

Executive Vice President

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

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

6. Individual or Joint/Group Filing(Check

Person

MILPITAS, CA 95035

(City)	(State) (Z	Zip) Table	e I - Non-D	erivative :	Secur	ities Acqu	uired, Disposed of	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. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
~			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	02/06/2014		A	6,250	A	<u>(1)</u>	6,912 <u>(2)</u>	D	
Common Stock	02/06/2014		F	2,397 (3)	D	\$ 61.83	4,515	D	
Common Stock	02/07/2014		S(4)	3,853	D	\$ 62.01	662	D	
Common Stock - Restricted Stock Units							92,275 <u>(6)</u>	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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(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 Exerc	cisable and	7. Titl	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amou	int of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	;		Securities		(Instr. 5)]
	Derivative				Securities		(Instr. 3 and 4)			(
	Security				Acquired						J
					(A) or						J
					Disposed						7
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration e Date	Title Numb			
						Exercisable			of		
				Code V	(A) (D)				Shares		
				Code V	(II)				Dilaics		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Kirk Michael

ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

Executive Vice President

Signatures

Jeffrey Eisenberg as Attorney-in-Fact for Michael Kirk

02/10/2014

**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).
- On February 6, 2013, the Reporting Person received a grant of restricted stock units ("RSUs") covering 25,000 shares of KLA-Tencor common stock. On February 6, 2014, the Reporting Person vested in twenty-five percent (25%) of such RSUs.
- (2) Includes 171 shares acquired by the Reporting Person under the KLA-Tencor Employee Stock Purchase Plan on December 31, 2013.
- Pursuant to the terms of the February 6, 2013 RSU grant, 2,397 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.
- (4) This sale was effected pursuant to the terms of a Rule 10b5-1 trading plan adopted by the Reporting Person on December 13, 2013.

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- (5) 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
- (6) 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.