#### KLA TENCOR CORP

Form 4

August 09, 2016

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB 3235-0287

**OMB APPROVAL** 

Number: Expires:

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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 Address Kirk Michael	of Reporting Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol KLA TENCOR CORP [KLAC]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (FOR CORPORATION TECHNOLOGY	, ONE	3. Date of Earliest Transaction (Month/Day/Year) 08/06/2016	(Check all applicable)  Director 10% OwnerX_ Officer (give title Other (specify below)  Executive Vice President		
MII PITAS CAS	treet)	4. If Amendment, Date Original Filed(Month/Day/Year)	<ul> <li>6. Individual or Joint/Group Filing(Check</li> <li>Applicable Line)</li> <li>_X_ Form filed by One Reporting Person</li> <li> Form filed by More than One Reporting</li> </ul>		

#### MILPITAS, CA 95035

(State)

(Zip)

(City)

Table I - Non-Derivative	Securities Acquired	I. Disposed of, or	r Beneficially Owned

Person

		Table	1 - 110H-D	ciivative	3ccui i	ines Acqu	in cu, Disposcu o	, 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. Securi on(A) or D (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	08/06/2016		M	3,337 (1)	A	\$ 0	14,921	D	
Common Stock	08/06/2016		F	1,742 (2)	D	\$ 77.63	13,179	D	
Common Stock	08/06/2016		M	4,413 (3)	A	\$ 0	17,592	D	
Common Stock	08/06/2016		F	2,303 (4)	D	\$ 77.63	15,289	D	
Common Stock	08/07/2016		M	3,663 (5)	A	\$ 0	18,952	D	

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Common Stock	08/07/2016	F	1,912 (6)	D	\$ 77.63	17,040	D
Common							
Stock -							
Restricted						57,748 <u>(8)</u>	D
Stock Units							
<u>(7)</u>							

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.

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9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transacti Code (Instr. 8)	5. orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5	ate	Amor Unde Secur	le and unt of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
coporting of the family family	Director	10% Owner	Officer	Other		
Kirk Michael C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035			Executive Vice President			

## **Signatures**

Teri A. Little as Attorney-in-Fact for Michael	
Kirk	08/09/2016
**Signature of Reporting Person	Date

Reporting Owners 2

## **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) On August 6, 2013, the Reporting Person received a grant of restricted stock units ("RSUs") covering 13,350 shares of KLA-Tencor common stock. On August 6, 2016, the Reporting Person vested in twenty-five percent (25%) of such RSUs.
  - Pursuant to such terms of the August 6, 2013 RSU grant, 1,742 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding. Because the vesting date of such RSUs occurred on a day on which the NASDAQ Stock
- (2) Market was closed for trading, 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 last completed trading day immediately prior to such vesting date.
- On August 6, 2015, the Reporting Person received a grant of RSUs covering 17,650 shares of KLA-Tencor common stock. On August 6, 2016, the Reporting Person vested in twenty-five percent (25%) of such RSUs.
  - Pursuant to such terms of the August 6, 2015 RSU grant, 2,303 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding. Because the vesting date of such RSUs occurred on a day on which the NASDAQ Stock
- (4) Market was closed for trading, 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 last completed trading day immediately prior to such vesting date.
- On August 7, 2014, the Reporting Person received a grant of RSUs covering 14,650 shares of KLA-Tencor common stock. On August 7, 2016, the Reporting Person vested in twenty-five percent (25%) of such RSUs.
  - Pursuant to such terms of the August 7, 2014 RSU grant, 1,912 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding. Because the vesting date of such RSUs occurred on a day on which the NASDAQ Stock
- (6) Market was closed for trading, 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 last completed trading day immediately prior to such vesting date.
- (7) 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
- (8) 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.