KLA TENCOR CORP

Form 4

August 04, 2016

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

OMB APPROVAL

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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 response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Kirk Michael			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	KLA TENCOR CORP [KLAC] 3. Date of Earliest Transaction	(Check all applicable)		
C/O KLA-TE CORPORATI TECHNOLO	NCOR ION, ONE	(Madae)	(Month/Day/Year) 08/02/2016	Director 10% Owner Officer (give title Other (specify below) Executive Vice President		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)		

MILPITAS, CA 95035

(State)

(Zip)

(City)

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

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

	Table 1 Tion Delivative Securities Required, Disposed of, or Deliciteding Owned							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)	Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	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	08/02/2016		M	6,562 (1)	A	\$ 0	7,841 <u>(2)</u>	D	
Common Stock	08/02/2016		F	2,485 (3)	D	\$ 75.72	5,356	D	
Common Stock	08/02/2016		M	10,400 (4)	A	\$ 0	15,756	D	
Common Stock	08/02/2016		F	5,427 (5)	D	\$ 75.72	10,329	D	
Common Stock	08/02/2016		M	2,625 (6)	A	\$ 0	12,954	D	

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Common Stock	08/02/2016	F	1,370 (7)	D	\$ 75.72	11,584	D
Common Stock -							
Restricted						41,561 <u>(9)</u>	D
Stock Units							
(8)							

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)

> 9. Nu Deriv Secur Bene Owne 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. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Titl Amou Under Secur (Instr.	int of lying	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					
. 0	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	08/04/2016
**Signature of Reporting Person	Date

Reporting Owners 2

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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 August 2, 2012, the Reporting Person received a grant of performance-based restricted stock units ("RSUs") that, following the completion of fiscal year 2014, was determined by the Compensation Committee of KLA-Tencor's Board of Directors (in August 2014)
- (1) to cover, based on KLA-Tencor's financial performance during fiscal year 2014, 13,125 shares of KLA-Tencor common stock. On August 2, 2016, the Reporting person vested in fifty percent (50%) of the performance-based RSUs.
- (2) Includes 363 shares acquired by the Reporting Person under the KLA-Tencor Employee Stock Purchase Plan on June 30, 2016.
- (3) Pursuant to such terms of the August 2, 2012 performance-based RSU grant, 2,485 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding.
- On August 2, 2012, the Reporting Person received a grant of RSUs covering 20,800 shares of KLA-Tencor common stock. On August 2, 2016, the Reporting Person vested in fifty percent (50%) of such RSUs.
- (5) Pursuant to such terms of the August 2, 2012 RSU grant described in note (4) above, 5,427 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding.
- On August 2, 2012, the Reporting Person received a grant of RSUs covering 10,500 shares of KLA-Tencor common stock. On August 2, 2016, the Reporting Person vested in twenty-five percent (25%) of such RSUs.
- (7) Pursuant to such terms of the August 2, 2012 RSU grant described in note (6) above, 1,370 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding.
- (8) 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 (9) 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.