KLA TENCOR CORP

Form 4

September 07, 2016

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB

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Check this box

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.

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Little Teri A. Issuer Symbol KLA TENCOR CORP [KLAC] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify ONE TECHNOLOGY DRIVE 09/03/2016 below) SVP, GC and Secretary

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

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

MILPITAS, CA 95035

(City)	(State) (Z	Zip) Table	I - Non-De	erivative S	ecuri	ties Acq	uired, Disposed o	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. Transactic Code (Instr. 8)	4. Securi or(A) or D (D) (Instr. 3,	4 and (A) or	d of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/03/2016		M	795 <u>(1)</u>	A	\$0	7,793	D	
Common Stock	09/03/2016		F	299 (2)	D	\$ 70.2	7,494	D	
Common Stock - Restricted Stock Unit							19,983 (4)	D	

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

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Tit	le and	8. Price of	9.
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Da	ate	Amou	ınt of	Derivative	D
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	Se
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	В
	Derivative				Securities			(Instr	. 3 and 4)		O
	Security				Acquired						Fo
					(A) or						R
					Disposed						Tı
					of (D)						(I
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration	Title			
						Exercisable	Date	Titic	of		
				Code V	(A) (D)				Shares		
				Coue v	(A) (D)				Silaies		

Reporting Owners

Reporting Owner Name / Address	Relationships
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Officer Director 10% Owner Other

Little Teri A. SVP, GC ONE TECHNOLOGY DRIVE and MILPITAS, CA 95035 Secretary

Signatures

Teri A. Little 09/06/2016 **Signature of Date Reporting Person

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 September 3, 2015, the Reporting Person received a grant of restricted stock units ("RSUs") covering 3,178 shares of KLA-Tencor **(1)** common stock. On September 3, 2016, the Reporting Person vested in 25% of such RSUs.
- Pursuant to the terms of the September 3, 2015 RSU grant, 299 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 September 2, 2016.
- (3) 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 (4) 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.

Reporting Owners 2

9. Ni Deriv Secu

Bene Own Follo Repo Trans Insti

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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.