KLA TENCOR CORP

Form 4

August 06, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

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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)

See Instruction

1. Name and Address of Reporting Person * DENTINGER MARK P			2. Issuer Name and Ticker or Trading Symbol KLA TENCOR CORP [KLAC]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
C/O KLA-TENCOR CORPORATION, ONE TECHNOLOGY DRIVE			(Month/Day/Year) 08/02/2013	Director 10% Owner _X_ Officer (give title Other (specify below) EVP & Chief Financial Officer		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
MILPITAS, O	CA 95035		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (2	Table Table	I - Non-Do	erivative S	ecurit	ies Acqı	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	on Date 2A. Deemed		4. Securities Acquired tion(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or V Amount (D) Price		of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. 7. Nature of Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)	
Common Stock	08/02/2013		A	2,875	A	<u>(1)</u>	3,875	D	
Common Stock	08/02/2013		F	1,081 (2)	D	\$ 59.5	2,794	D	
Common Stock	08/03/2013		A	10,000	A	<u>(3)</u>	12,794	D	
Common Stock	08/03/2013		F	3,758 (4)	D	\$ 59.5	9,036	D	
Common Stock	08/03/2013		A	10,000	A	<u>(5)</u>	19,036	D	

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Common Stock	08/03/2013	F	4,644 (6)	D	\$ 59.5	14,392	D
Common Stock	08/03/2013	A	21,500	A	<u>(7)</u>	35,892	D
Common Stock	08/03/2013	F	11,219 (8)	D	\$ 59.5	24,673	D
Common Stock	08/04/2013	A	6,625	A	<u>(9)</u>	31,298	D
Common Stock	08/04/2013	F	3,457 (10)	D	\$ 59.5	27,841	D
Common Stock - Restricted Stock Units						33,400 (12)	D

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

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative	e		Secur	ities	(Instr. 5)
	Derivative				Securities	3		(Instr.	3 and 4)	
	Security				Acquired					
	·				(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
					, ,					
									Amount	
						Date	Expiration		or	
						Exercisable	Date	Title	Number	
						Lacicisable	Date		of	
				Code '	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address	-							
	Director	10% Owner	Officer	Other				
DENTINGER MARK P			EVP & Chief					
C/O KLA-TENCOR CORPORATION			Financial					

Reporting Owners 2

Relationships

ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

Officer

Signatures

Brian M. Martin as Attorney-in-Fact for Mark P. Dentinger

08/06/2013

**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).
- On August 2, 2012, the Reporting Person received a grant of restricted stock units ("RSUs") covering 11,500 shares of KLA-Tencor common stock. On August 2, 2013, the Reporting Person vested in twenty-five percent (25%) of such RSUs.
- Pursuant to the terms of the August 2, 2012 RSU grant, 1,081 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding.
- On August 3, 2009, the Reporting Person received a grant of performance-based RSUs that, following the completion of fiscal year 2010, was determined by the Compensation Committee of KLA-Tencor's Board of Directors (in August 2010) to cover, based on KLA-Tencor's financial performance during fiscal year 2010, 20,000 shares of KLA-Tencor common stock. On August 3, 2013, the Reporting Person vested in fifty percent (50%) of such performance-based RSUs.
 - Pursuant to the terms of the performance-based August 3, 2009 RSU grant, 3,758 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
- (4) the NASDAQ Stock 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 NASDAQ Stock Market on the last completed trading day immediately prior to such vesting date.
- On August 3, 2009, the Reporting Person received a grant of RSUs covering 20,000 shares of KLA-Tencor common stock. On August 3, 2013, the Reporting Person vested in fifty percent (50%) of the RSUs.
 - Pursuant to the terms of the August 3, 2009 RSU grant, 4,644 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 NASDAQ Stock Market on the last completed trading day immediately prior to such vesting date.
- On August 3, 2009, the Reporting Person received a supplemental grant of RSUs covering 43,000 shares of KLA-Tencor common stock. On August 3, 2013, the Reporting Person vested in fifty percent (50%) of such RSUs.
 - Pursuant to the terms of the August 3, 2009 supplemental RSU grant, 11,219 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
- (8) Stock 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 NASDAQ Stock Market on the last completed trading day immediately prior to such vesting date.
- (9) On August 4, 2011, the Reporting Person received a grant of RSUs covering 13,250 shares of KLA-Tencor common stock. On August 4, 2013, the Reporting Person vested in fifty percent (50%) of such RSUs.
 - Pursuant to the terms of the August 4, 2011 RSU grant, 3,457 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
- (10) 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 NASDAQ Stock Market on the last completed trading day immediately prior to such vesting date.
- (11) 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

 (12) 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.

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