KLA TENCOR CORP

Form 4

October 21, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **BOND ROBERT T** Issuer Symbol KLA TENCOR CORP [KLAC] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner Officer (give title _ Other (specify C/O KLA-TENCOR 10/20/2014 CORPORATION, ONE **TECHNOLOGY DRIVE** (Street) 6. Individual or Joint/Group Filing(Check

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

(Zin)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

MILPITAS, CA 95035

(State)

(City)

(2)

(City)	(State)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 on(A) or Di (Instr. 3,	ispose	d of (D)	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	10/20/2014		M	1,250	A	\$ 52.84	3,750	D	
Common Stock							16,321	I	by Trust
Common Stock - Restricted Stock Units							1,856	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)

D Se	Title of erivative ocurity astr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code Securities		(Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
					Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Shares
S	on-Qualified tock Option Right to Buy)	\$ 52.84	10/20/2014		M	1,250	(3)	10/30/2014	Common Stock	1,25

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

BOND ROBERT T C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035



Signatures

Brian M. Martin as Attorney-In-Fact for Robert T.
Bond

**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).
- (1) Shares held under The Robert T. Bond and Kathleen S. Bond Trust Agreement originally dated January 12, 1984 (as amended and restated to date), a trust of which the Reporting Person is a trustee and beneficiary.
- (2) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.
- (3) Represents a stock option granted on October 30, 2007, granting the Reporting Person the right to purchase up to 1,250 shares of KLA-Tencor common stock. All of the shares subject to this stock option vested immediately and were exercisable on October 30, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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