KLA TENCOR CORP

Check this box

if no longer

subject to

Section 16.

Form 4 May 02, 2006

FORM 4

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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

1(b).

(Last)

ROBLES

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * **BOND ROBERT T**

(First)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

KLA TENCOR CORP [KLAC]

(Check all applicable)

C/O KLA-TENCOR CORPORATION, 160 RIO 3. Date of Earliest Transaction

(Month/Day/Year) 05/02/2006

X_ Director 10% Owner Officer (give title Other (specify below)

(Middle)

(Zip)

(Month/Day/Year)

(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

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

SAN JOSE, CA 95130

(State) 1. Title of Security 2. Transaction Date 2A. Deemed

3. 4. Securities

Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership Form: Direct (D) or Indirect

(Instr. 4)

(I)

7. Nature of Indirect Beneficial Ownership (Instr. 4)

(9-02)

Reported (A)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

2,000 D

Common

Stock-Restricted Stock Units (1)

Common Stock

1,000 D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Edgar Filing: KLA TENCOR CORP - Form 4

$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

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. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Sect (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or No of
Non-Qualified Stock Option (right to buy)	\$ 47.86	05/02/2006		A	1,250	05/02/2006	05/02/2013	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 40.24					05/11/2005	05/11/2015	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 40.68					10/18/2004	10/18/2014	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 44.76					01/25/2005	01/25/2015	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 47.23					11/09/2001	11/09/2011	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 49.99					11/04/2005	11/04/2012	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 51.35					08/02/2005	08/02/2012(2)	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 51.98					01/31/2006	01/31/2013	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 52.75					08/15/2000	08/15/2010	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 59.44					11/05/2003	11/05/2013	Common Stock	1

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BOND ROBERT T C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130

X

Signatures

By: Stuart J. Nichols For: Robert T. Bond

05/02/2006

**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) Each restricted stock unit represents a contingent right to receive one share of KLAC common stock.
- (2) Option expiration date was reported incorrectly on the original Form 4.

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.

Reporting Owners 3