

KLA TENCOR CORP  
 Form 4  
 September 21, 2005

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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

(Print or Type Responses)

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

(Last) (First) (Middle)

C/O KLA-TENCOR CORPORATION, 160 RIO ROBLES

(Street)

SAN JOSE, CA 95130

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**KLA TENCOR CORP [KLAC]**

3. Date of Earliest Transaction  
 (Month/Day/Year)  
**09/13/2005**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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

**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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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 Ownership (Instr. 4)
				Code	V	Amount or Price			
Common Stock	09/13/2005 <sup>(1)</sup>		M		5,000	A \$ 37.05	7,000	D	
Common Stock	09/13/2005 <sup>(1)</sup>		S		5,000	D \$ 50.6136	2,000	D	
Common Stock	09/13/2005 <sup>(1)</sup>		M		5,000	A \$ 37.05	7,000	D	
Common Stock	09/13/2005 <sup>(1)</sup>		S		5,000	D \$ 50.6136	2,000	D	

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

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(9-02)

**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. Transaction 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 Amount of Underlying Security (Instr. 3 and 4)	8. Amount or Number of Underlying Securities (Instr. 3 and 4)
Non-Qualified Stock Option (right to buy)	\$ 37.05	09/13/2005 <sup>(1)</sup>		M	5,000	11/08/2002 11/08/2012	Common Stock	5
Non-Qualified Stock Option (right to buy)	\$ 37.05	09/13/2005 <sup>(1)</sup>		M	5,000	11/08/2002 11/08/2012	Common Stock	5
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)	\$ 51.35					08/02/2005 08/02/2012 <sup>(2)</sup>	Common Stock	2
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 09/21/2005

\*\*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) Due to an administrative error the transactions have been reported late.
  - (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.  
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