

LAMB MAUREEN L  
Form 4/A  
June 30, 2005

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
LAMB MAUREEN L

(Last) (First) (Middle)

160 RIO ROBLES

(Street)

SAN JOSE, CA 95134

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/28/2005

4. If Amendment, Date Original  
Filed(Month/Day/Year)  
06/29/2005

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

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

VP Finance &amp; Treasury

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_\_\_X\_\_\_\_ 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price		
Common Stock	06/28/2005		M		1,740	A	\$ 44.6875	5,916	D
Common Stock	06/28/2005		S		1,740	D	\$ 45	4,176	D
Common Stock	06/28/2005		M		13,260	A	\$ 44.6875	17,436	D
Common Stock	06/28/2005		S		13,260	D	\$ 45	4,176	D
Common Stock	06/28/2005		M		712	A	\$ 40.66	4,888	D

Common Stock      06/28/2005      S      712      D      \$ 45      4,176      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 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 Shares of Underlying Security
				Code	V (A) (D)	Date Exercisable      Expiration Date	Title	Am or Num of S
Non-Qualified Stock Option	\$ 26.25					11/10/2001      11/10/2010	Common Stock	7
Non-Qualified Stock Option	\$ 29.31					10/02/2002      10/02/2011	Common Stock	6,
Non-Qualified Stock Option	\$ 32.75					04/04/2002      04/04/2011	Common Stock	1,
Non-Qualified Stock Option	\$ 34.67					11/08/2003      01/28/2013	Common Stock	3,
Non-Qualified Stock Option	\$ 37.05					11/08/2003      11/08/2012	Common Stock	1,
Non-Qualified Stock Option	\$ 40.66	06/28/2005		M	712	10/27/2004      08/02/2014	Common Stock	7
Non-Qualified Stock Option	\$ 41.79					09/21/2005      09/21/2014	Common Stock	15
Non-Qualified Stock Option	\$ 44.6875	06/28/2005		M	1,740	08/13/2000      08/13/2010	Common Stock	1,
Non-Qualified Stock Option	\$ 44.6875	06/28/2005		M	13,260	08/13/2001      08/13/2010	Common Stock	13
Non-Qualified Stock Option	\$ 45.16					10/27/2004      04/26/2014	Common Stock	3,
Non-Qualified Stock Option	\$ 51.229					11/08/2003      07/30/2013	Common Stock	3,

Non-Qualified Stock Option	\$ 53.86	10/27/2004	10/27/2013	Common Stock	6,
Non-Qualified Stock Option	\$ 58.1	10/27/2004	01/27/2014	Common Stock	3,

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LAMB MAUREEN L 160 RIO ROBLES SAN JOSE, CA 95134			VP Finance & Treasury	

## Signatures

Maureen Lamb 06/30/2005

\_\_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) In error the Officer's broker reported a sale of 1,187 shares from this stock option.

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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