

KLA TENCOR CORP  
Form 4  
May 27, 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 \*  
Hall Jeffrey

(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)  
05/26/2005

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)  
VP, Corporate Finance

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 Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	05/26/2005		M		\$ 29.31	3,667	D
Common Stock	05/26/2005		S		\$ 45.8	1,367	D
Common Stock-Restricted Stock Units <sup>(1)</sup>						10,000	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)

displays a currently valid OMB control number.

**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)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 29.31	05/26/2005		M	2,300	10/02/2002 10/02/2011	Common Stock	2,300	
Non-Qualified Stock Option (right to buy)	\$ 34.67					11/08/2003 01/28/2013	Common Stock	5,500	
Non-Qualified Stock Option (right to buy)	\$ 37.05					11/08/2003 11/08/2012	Common Stock	3,200	
Non-Qualified Stock Option (right to buy)	\$ 40.66					10/27/2004 08/02/2014	Common Stock	1,900	
Non-Qualified Stock Option (right to buy)	\$ 41.79					09/21/2005 09/21/2014	Common Stock	20,000	
Non-Qualified Stock Option (right to buy)	\$ 45.16					10/26/2004 04/26/2014	Common Stock	3,200	
Non-Qualified Stock Option (right to buy)	\$ 46.67					11/10/2001 07/10/2011	Common Stock	35,800	
Non-Qualified Stock Option (right to buy)	\$ 51.229					11/08/2003 07/30/2013	Common Stock	3,200	
Non-Qualified Stock Option (right to buy)	\$ 53.86					10/27/2004 10/27/2013	Common Stock	5,200	
Non-Qualified Stock Option	\$ 58.1					10/27/2004 01/27/2014	Common Stock	2,600	

