

KLA TENCOR CORP
Form 4
August 01, 2006

FORM 4

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

OMB APPROVAL

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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 *
BARNHOLT EDWARD W

(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)
08/01/2006

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)
Common Stock				(A) or (D)	Price		
				Code V	Amount		
					1,000	D	
Common Stock-Restricted Stock Units ⁽¹⁾					1,000	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)

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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. Date Acquired or Disposed of (Month/Day/Year)	9. Title	10. Amount or Number of Underlying Securities
Non-Qualified Stock Option (right to buy)	\$ 41.45	08/01/2006		A	1,250	08/01/2006 08/01/2013	Common Stock		1	
Non-Qualified Stock Option (right to buy)	\$ 17.59					11/17/1998 11/17/2008	Common Stock		5	
Non-Qualified Stock Option (right to buy)	\$ 26.25					11/10/2000 11/10/2010	Common Stock		1	
Non-Qualified Stock Option (right to buy)	\$ 37.05					11/08/2002 11/08/2012	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)	\$ 46.28					11/16/1999 11/16/2009	Common Stock		1	
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)	\$ 47.86					05/02/2006 05/02/2013	Common Stock		1	
Non-Qualified	\$ 49.99					11/04/2005 11/04/2012	Common		1	

