KLA TENCOR CORP

Form 4

August 07, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

0.5

OMB APPROVAL

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Kirloskar Virendra A

2. Issuer Name and Ticker or Trading Symbol

KLA TENCOR CORP [KLAC]

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) (Last)

(State)

3. Date of Earliest Transaction

(Check all applicable)

C/O KLA-TENCOR CORPORATION, ONE **TECHNOLOGY DRIVE**

(Month/Day/Year)

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

08/05/2008

Chief Accounting Officer

(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

MILPITAS, CA 95035

(City) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Ownership 7. Nature of 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect

(Instr. 3) (Month/Day/Year)

Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Beneficially (D) or Beneficial Ownership Owned Indirect (I) (Instr. 4) Following (Instr. 4)

Reported (A)

Transaction(s) (Instr. 3 and 4)

(D) Price Code V Amount

Common

Stock -Restricted

8,000 08/05/2008 A \$0 $36,100 \frac{(3)}{}$ D (2)

Stock Units

(1)

Common 864 (4) D Stock

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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displays a currently valid OMB control number.

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	Ç
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	int of	Derivative]
	Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
	(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
		Derivative				Securities			(Instr.	3 and 4)		(
		Security				Acquired]
						(A) or]
						Disposed						-
						of (D)						(
						(Instr. 3,						
						4, and 5)						
										Amount		
										or		
								Expiration Date	Title	Number		
										of		
					Code V	(A) (D)				Shares		
					Code v	(11) (D)				Silaics		

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

Kirloskar Virendra A
C/O KLA-TENCOR CORPORATION
ONE TECHNOLOGY DRIVE
MILPITAS, CA 95035

Chief Accounting Officer

Signatures

Brian M. Martin as Attorney-in-Fact for Virendra A.
Kirloskar

08/07/2008

**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 KLA-Tencor common stock.
- Mr. Kirloskar will vest in fifty percent (50%) of the restricted stock units upon his completion of two years of service with KLA-Tencor measured from the grant date (August 5, 2008) and will vest in the remaining fifty percent (50%) upon his completion of an additional two years of service thereafter. The shares of common stock will be issued as the restricted stock units vest.
- Does not include performance-based restricted stock units, if any, held by the Reporting Person for which an assessment has not yet been made regarding the achievement of the applicable performance goals. Any such holdings will be reported on Form 4 within two business days of the date such assessment is made.
- (4) Includes 590 shares acquired under the KLA-Tencor Employee Stock Purchase Plan on June 30, 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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