#### KLA TENCOR CORP

Form 4

August 11, 2015

#### FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

**OMB APPROVAL** 

Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction

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

burden hours per response... 0.5

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person \*\*
Trafas Brian M.

(First)

(Street)

2. Issuer Name **and** Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol
KLA TENCOR CORP [KLAC]

08/07/2015

(Middle)

(Check all applicable)

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

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

SVP, Global Customer Org.

C/O KLA-TENCOR CORPORATION, ONE TECHNOLOGY DRIVE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line)

\_X\_ Form filed by One Reporting Person \_\_\_\_ Form filed by More than One Reporting

Person

MILPITAS, CA 95035

Stock Units

(City)	(State) (Z	Zip) Table	e I - Non-Do	erivative S	Securi	ities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	08/07/2015		Code V S <u>(1)</u>	Amount 1,116	` /	Price \$ 51.71	(Instr. 3 and 4)	D	
Common Stock	08/07/2015		M	1,838	A	\$ 0 (2)	1,838	D	
Common Stock	08/07/2015		F	691 (3)	D	\$ 52.35	1,147	D	
Common Stock - Restricted							37,000 (5)	D	

(4)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

9. Nu

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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. Transa Code (Instr.		5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amor Unde Secur	le and ant of rlying ities . 3 and 4)	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Trafas Brian M. C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

SVP, Global Customer Org.

#### **Signatures**

Brian M. Martin as Attorney-in-Fact for Brian M. Trafas

08/11/2015

\*\*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) This sale is effected pursuant to the terms of a Rule 10b5-1 trading plan adopted by the Reporting Person on May 22, 2015.
- On August 7, 2014, the Reporting Person received a grant of restricted stock units ("RSUs") covering 7,350 shares of KLA-Tencor common stock. On August 7, 2015, the Reporting Person vested in twenty-five percent (25%) of such RSUs.
- (3) Pursuant to such terms of the August 7, 2014 RSU grant, 691 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA-Tencor common stock used for purposes of calculating the

Reporting Owners 2

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number of shares to be withheld was the closing price of KLA-Tencor common stock as reported on the NASDAQ Stock Market on such vesting date.

- (4) Each RSU represents a contingent right to receive one share of KLA-Tencor common stock.
  - Does not include performance-based RSUs, if any, held by the Reporting Person for which an assessment has not yet been made
- (5) regarding the achievement of the applicable performance goals. Any such holdings will be reported on a Form 4 within two business days of the date such assessment is made.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.