

Kirloskar Virendra A  
 Form 4  
 August 08, 2017

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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 \*  
 Kirloskar Virendra A

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 08/04/2017

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 SVP & Chief Accounting Officer

C/O KLA-TENCOR CORPORATION, ONE TECHNOLOGY DRIVE

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

MILPITAS, CA 95035

(City) (State) (Zip)

**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	08/04/2017		M	1,725 <sup>(1)</sup>	A \$ 0	2,022	D
Common Stock	08/04/2017		F	649 <sup>(2)</sup>	D \$ 88.83	1,373	D
Common Stock	08/06/2017		M	8,643 <sup>(3)</sup>	A \$ 0	10,016	D
Common Stock	08/06/2017		F	3,412 <sup>(4)</sup>	D \$ 88.83	6,604	D
Common Stock	08/07/2017		M	912 <sup>(5)</sup>	A \$ 0	7,516	D

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Common Stock	08/07/2017	F	476 <sup>(6)</sup>	D	\$ 92.01	7,040	D
Common Stock	08/07/2017	S	6,307 <u>(7)</u>	D	\$ 89.15	733	D
Common Stock - Restricted Stock Units <u>(8)</u>						15,808 <sup>(9)</sup>	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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
					Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
					Code V (A) (D)				

### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Kirloskar Virendra A C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035			SVP & Chief Accounting Officer	

### Signatures

Teri Little as Attorney-in-Fact for Virendra A. Kirloskar	08/08/2017
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        \*\*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) On August 4, 2016, the Reporting Person received a grant of RSUs covering 6,900 shares of KLA-Tencor common stock. On August 4, 2017, the Reporting Person vested in 25% of such RSUs.
- (2) Pursuant to such terms of the August 4, 2016 RSU grant, 649 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding.
- (3) On August 6, 2013, August 6, 2013, August 6, 2013 and August 6, 2015, the Reporting Person received a grant of RSUs or PRSUs covering 4,050 (RSU), 4,050 (PRSU), 8,000 (RSU) and 4,400 (RSU) shares of KLA-Tencor common stock, respectively. On August 6, 2017, the Reporting Person vested in 25%, 50%, 50% and 25% of such RSUs and PRSUs, respectively.
- (4) Pursuant to such terms of the August 6, 2013, August 6, 2013, August 6, 2013 and August 6, 2015 grants, 3,412 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding.
- (5) On August 7, 2014, the Reporting Person received a grant of RSUs covering 3,650 shares of KLA-Tencor common stock. On August 7, 2017, the Reporting Person vested in 25% of such RSUs.
- (6) Pursuant to such terms of the August 7, 2014 RSU grant, 476 shares of KLA-Tencor common stock were automatically withheld at vesting to cover required tax withholding.
- (7) This sale was effected pursuant to the terms of a Rule 10b5-1 trading plan adopted by the Reporting Person on November 25, 2016.
- (8) Each RSU represents a contingent right to receive one share of KLA-Tencor common stock.
- (9) Does not include performance-based RSUs, 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 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.