#### Edgar Filing: Kirloskar Virendra A - Form 4

Kırloskar Vır Form 4											
January 30, 2			SECUD					OMMESION	OMB AF	PROVAL	
	UNITED	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549								3235-0287	
Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Check this box if no longer subject to StateMent of CHANGES IN BENEFIC Section 16. Filed pursuant to Section 16(a) of the Securitie Section 17(a) of the Public Utility Holding Comp 30(h) of the Investment Company					CIAI ies Ex ipany	change Act of	Act of 1934, 1935 or Sectior	Number: January 3 Expires: 200 Estimated average burden hours per response 0.			
(Print or Type R	Responses)										
Kirloskar Virendra A Sym			Symbol		I Ticker or 7		0	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O KLA-T CORPORAT TECHNOLO	ENCOR	Middle)	3. Date of (Month/D 01/27/20	-	ransaction			Director X Officer (give below)	10%	Owner r (specify	
				ndment, Da th/Day/Year	ate Original			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	e I - Non-I	Derivative S	Securi		iired, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Executio any	med on Date, if Day/Year)	Code (Instr. 8)	4. Securit or(A) or Di (Instr. 3, 4	sposed 4 and 5 (A) or	l of (D) 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)	
Common Stock	01/27/2012			Code V M	Amount 10,000	(D) A	Price \$ 47.95	10,297	D		
Common Stock	01/27/2012			S <u>(1)</u>	10,000	D	\$ 52.95	297	D		
Common Stock - Restricted Stock Units (2)								27,650 <u>(3)</u>	D		

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.

# 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. Transactio Code (Instr. 8)	5. Number of predictive Securities Acquired (A or Disposed (D) (Instr. 3, 4, and 5)	Expiration I (Month/Day	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh	
Non-Qualified Stock Option (Right to Buy)	\$ 47.95	01/27/2012		М	10,00	0 (4)	09/26/2012	Common Stock	10,0	

## **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 & Chie Accounting Officer	ef			
Signatures							
Brian M. Martin as Attorney-in-Fact for Vi Kirloskar	01/30/2012						
<u>**Signature of Reporting Person</u>		D	ate				

### **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).
   This transaction was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 7, 2011.
- (2) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.
- (3) 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 Form 4 within two business days of the date such assessment is made.
- (4) Represents a stock option granted on September 26, 2005, granting the Reporting Person the right to purchase up to 10,000 shares of KLA-Tencor common stock. 2,000 of the shares subject to this stock option vested on September 26, 2006, and 1/48

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of the remaining 8,000 shares subject to this stock option vested on October 26, 2006 and each monthly anniversary thereafter until September 26, 2010.

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.