FORM 4

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

OMB APPROVAL
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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 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)												
1. Name and Address of Reporting Person * Higgins Bren D.		2. Issuer Name and Ticker or Trading Symbol KLA CORP [KLAC]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner				
(Last) (First) C/O KLA-TENCOR CORF TECHNOLOGY DRIVE	(Middle) PORATION, ONE	3. Date of Earliest Transaction (Month/Day/Year) 08/02/2019					X Officer (give title below) Other (specify below) EVP & Chief Financial Officer					
(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)					r)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting PersonForm 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	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		quired l of (D)	5. Amount of Securities		ries Following n(s)	6. Ownership Form:	7. Nature of Indirect Beneficial Ownership
			Code	V	Amount	(A) or (D)	Price				or Indirect (I) (Instr. 4)	(Instr. 4)
Common Stock - Restricted Stock Units (1)	08/02/2019		M		2,874 (2)	D	\$ 0	66,857	(3)		D	
Common Stock	08/02/2019		M		2,874 (2)	A	\$ 0	3,148			D	
Common Stock	08/02/2019		F		1,220 (4)	D	\$ 133.24	1,928			D	
Common Stock - Restricted Stock Units (1)	08/02/2019		M		5,175 (5)	D	\$ 0	61,682	(3)		D	
Common Stock	08/02/2019		M		5,175 (5)	A	\$ 0	7,103			D	
Common Stock	08/02/2019		F		2,566 (6)	D	\$ 133.24	4,537			D	
Reminder: Report on a separate lin	ne for each class of secu	rities beneficially ov	wned direc	Pers	sons wh	o resp	orm are	not requ		ormation spond unlestrol number	ss	1474 (9-02)
		Derivative Securit (e.g., puts, calls, wa	-					ly Owned				
1. Title of Derivative Security (Instr. 3) 2. Conversion or Exercise Price of Derivative Security (Month/I	Day/Year) Execution Day	ate, if Transaction Code Year) (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	and Expiration Date (Month/Day/Year) Art Urr		Amo Und Secu (Inst	itle and bunt of erlying urities ar. 3 and	Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownersl Form of Derivati Security Direct (I or Indire	Ownershi (Instr. 4) cet	
		Code V	(A) (D)		e ercisable	Expirat Date	ion Title	Number of Shares				

Reporting Owners

	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			

C. O	iggins Bren D. /O KLA-TENCOR CORPORATION NE TECHNOLOGY DRIVE		EVP & Chief Financial Officer	
M	IILPITAS, CA 95035			

Signatures

/s/ Teri A. Little as Attorney-in-Fact for Bren D. Higgins	08/06/2019	
**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 ("RSU") represents a contingent right to receive one share of KLA common stock.
- (2) On August 2, 2018, the reporting person was granted 11,495 RSUs. On August 2, 2019, 25% of those RSUs vested.
- (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 a Form 4 within two business days of the date such assessment is made.
- Pursuant to the terms of the grant, shares of KLA common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA common stock used for purposes of calculating the number of shares to be withheld was the closing price of KLA common stock as reported on August 2, 2019.
- (5) On August 4, 2016, the reporting person was granted 20,700 RSUs. On August 4, 2019, 25% of those RSUs vested.
- (6) Pursuant to the terms of the grant, shares of KLA common stock were automatically withheld at vesting to cover required tax withholding. The fair market value of KLA common stock used for purposes of calculating the number of shares to be withheld was the closing price of KLA common stock as reported on August 2, 2019.

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.