Levy Asher Form 3 February 22, 2019 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB APPROVAL FORM 3 Washington, D.C. 20549 OMB 3235-0104 Number: January 31, **INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF** Expires:

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 <u>*</u> Levy Asher	Reporting 2. Date of Event Requiring Statement (Month/Day/Year)		3. Issuer Name and Ticker or Trading Symbol KLA TENCOR CORP [KLAC]				
(Last) (First) (Middle)	02/20/2019	4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)		
ONE TECHNOLOGY DRIVE							
(Street)		(Check all applicable) 6. Individual or Joint			ual or Joint/Group		
MILPITAS, CA 95035		Director X Officer (give title below) CEO - Or	10% Own Other (specify below) botech Ltd.	her Filing(Cho _X_Form Person	eck Applicable Line) filed by One Reporting filed by More than One		
(City) (State) (Zip)	Table I - N	Non-Derivative Securities Beneficially Owned					
1.Title of Security (Instr. 4)	2. Amount o Beneficially (Instr. 4)	Owned C F D o (1	Ownership O Form: (In Direct (D) r Indirect	Nature of Indi wnership hstr. 5)	irect Beneficial		
Reminder: Report on a separate line for e owned directly or indirectly.	each class of securities benefic	ially SEC	C 1473 (7-02)				
information con required to resp	spond to the collection of tained in this form are not ond unless the form displ MB control number.	t					
Table II - Derivative Security	urities Beneficially Owned (e	.g., puts, calls, wa	arrants, option	s, convertible	securities)		
(Instr. 4) Exp	iration Date Securiti	and Amount of tes Underlying tive Security	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)		

Date

Exercisable

Expiration

Title

Date

Direct (D)

or Indirect

(Instr. 5)

(I)

Security

Amount or

Number of

Shares

2005

0.5

Estimated average burden hours per

response...

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Levy Asher ONE TECHNOLOGY DRIVE MILPITAS, CA 95035	Â	Â	CEO - Orbotech Ltd.	Â		
Signatures						
/s/ Jeffrey Cannon, attorney-in-fact	02/21/2019					
**Signature of Reporting Person		Date				

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, see Instruction 5(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).

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.