UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 4 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. Name and Address of Reporting Person(s) Wallace, Richard P 1135 Guinda Street Palo Alto, CA 94301 2. Issuer Name and Ticker or Trading Symbol KLA-Tencor Corporation (KLAC) 3. I.R.S. Identification Number of Reporting Person, if an entity (Voluntary) 4. Statement for Month/Year 11/02 5. If Amendment, Date of Original (Month/Year) 6. Relationship of Reporting Person(s) to Issuer (Check all applicable) [] 10% Owner [] Director [X] Officer (give title below) [] Other (specify below) Executive Vice President 7. Individual or Joint/Group Filing (Check Applicable Line) [X] Form filed by One Reporting Person [] Form filed by More than One Reporting Person <TABLE> <CAPTION> Table I Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1) Title of Security 2)Trans-3.Trans- 4.Securities Acquired(A) 5) Amount of 6) 7) Nature of action action or Disposed of (D) Securities Indirect Date Code Α Beneficially D Beneficial (Month/ Owned at or Ownership D Price Day/Year) Code V Amount End of Month I <C> <C> <C> <C> <C> < <C> <C> <C> 1,349 Common Stock D Direct <CAPTION> Table II (PART 1) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1 through 6) 1) Title of Derivative 2)Conversion 3)Trans-4) Trans- 5) Number of Derivative Exercisable and Security or Exercise action action Securities Acquired (A) Expiration Date Price of Code or Disposed of (D) Date Derivative Code V A Security Exercisable Expiration _____ <S> <C> <C> <C> <C> Non-Qualified Stock Option \$10.6300 08/31/08 (right to buy) Non-Qualified Stock Option \$22.5600 05/26/09 (right to buy) Non-Qualified Stock Option \$26.2500 11/10/10 (right to buy) Non-Qualified Stock Option \$29.3100 10/02/11 (right to buy) Non-Qualified Stock Option \$32.7500 04/04/11

(right to buy)

10/27/09

Non-Qualified Stock Option

\$33.7500

(right to buy) Non-Qualified Stock Option \$37.0500 11/08/02 A 12,500

(right to buy)

Non-Qualified Stock Option \$44.6875

08/13/10

11/08/12

(right to buy)

<CAPTION>

Table II (PART 2) Derivative Securities Acquired, Disposed of, or Beneficially

Owned (Columns 1,3 and 7 through 11)

1) Title of Derivative 11) Nature of	3)Trans-	7) Title and Amount		8)Price	9)Number of	10)
Security Indirect	action	of Underlying		of Deri-	Derivative	
Beneficial	Date	Securities		vative	Securities	D
Ownership			Amount or	Security	Beneficially	or
-		Title	Number of Shares		Owned at End of Month	I
<\$> <c></c>	<c></c>	<c></c>	<c></c>	<c></c>	<c></c>	<c></c>
Non-Qualified Stock Option Direct		Common Stock	9,251		9,251	D
<pre>(right to buy) Non-Qualified Stock Option Direct</pre>		Common Stock	5,417		5,417	D
<pre>(right to buy) Non-Qualified Stock Option Direct</pre>		Common Stock	12,250		12,250	D
<pre>(right to buy) Non-Qualified Stock Option Direct</pre>		Common Stock	45,000		45,000	D
<pre>(right to buy) Non-Qualified Stock Option Direct</pre>		Common Stock	13,832		13,832	D
<pre>(right to buy) Non-Qualified Stock Option Direct</pre>		Common Stock	25,000		25,000	D
<pre>(right to buy) Non-Qualified Stock Option Direct</pre>	11/08/02	Common Stock	12,500		12,500	D
<pre>(right to buy) Non-Qualified Stock Option Direct (right to buy)</pre>		Common Stock	21,878		21,878	D

<FN>

Explanation of Responses:

</FN> </TABLE> SIGNATURE OF REPORTING PERSON /S/ By: Stuart J. Nichols For: Richard P. Wallace DATE 11/11/02