

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.

1. Name and Address of Reporting Person(s)
Bond, Robert T.
227 Mapache Drive

Portola Valley, CA 94028

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)

[X] Director [] 10% Owner
[] Officer (give title below) [] Other (specify below)
Director

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 7) Nature of	2) Trans- action Date (Month/ Day/Year)	3) Trans- action Code Code V	4) Securities Acquired (A) or Disposed of (D) Amount D Price	5) Amount of Securities Beneficially Owned at End of Month	6) D or I
Indirect Beneficial Ownership					

<S> <C> Common Stock Direct	<C>	<C>	<C>	<C><C>	<C>	<C>
				2,000		D

<CAPTION>

Table II (PART 1) Derivative Securities Acquired, Disposed of, or Beneficially Owned (Columns 1 through 6)

1) Title of Derivative Exercisable and Security Date	2) Conversion or Exercise Price of Derivative Security	3) Trans- action Date	4) Trans- action Code Code V	5) Number of Derivative Securities Acquired (A) or Disposed of (D) A D	6) Date Expiration
Exercisable Expiration					

<S> <C> Non-Qualified Stock Option 11/08/12 (right to buy)	<C> \$37.0500	<C> 11/08/02	<C> A	<C> 5,000	<C>
Non-Qualified Stock Option 11/08/12 (right to buy)	\$37.0500	11/08/02	A	5,000	
Non-Qualified Stock Option 11/09/11 (right to buy)	\$47.2300				
Non-Qualified Stock Option 08/15/10 (right to buy)	\$52.7500				

<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 Security Indirect Beneficial Ownership	3) Trans- action Date	7) Title and Amount of Underlying Securities Title	8) Price of Deri- vative Security	9) Number of Derivative Securities Beneficially Owned at End of Month	10) D I
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<S> <C> Non-Qualified Stock Option Direct (right to buy)	<C> 11/08/02	<C> Common Stock	<C> 5,000	<C>	<C> D
Non-Qualified Stock Option Direct (right to buy)	11/08/02	Common Stock	5,000	10,000	D
Non-Qualified Stock Option Direct (right to buy)		Common Stock	10,000	10,000	D
Non-Qualified Stock Option Direct (right to buy)		Common Stock	20,000	20,000	D

<FN>
Explanation of Responses:

</FN>
</TABLE>
SIGNATURE OF REPORTING PERSON
/S/ By: Stuart J. Nichols
For: Robert T. Bond
DATE 11/11/02