

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)
Campagna, John Peter
12233 Menalto Drive

Los Altos Hills, CA 94022

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)

Director 10% Owner
 Officer (give title below) Other (specify below)
Vice President and Treasurer

7. Individual or Joint/Group Filing (Check Applicable Line)

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	3) Trans- action Code	4) Securities Acquired (A) or Disposed of (D) Amount Price	5) Amount of Securities Beneficially Owned at End of Month	6) D or I
Indirect Beneficial Ownership	(Month/ Day/Year)	Code V			
<S> <C> Common Stock Direct	11/15/02	S	409 \$37.1400	0	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	5) Number of Derivative Securities Acquired (A) or Disposed of (D) A D	6) Date Expiration
Exercisable Expiration			Code V		
<S> <C> Non-Qualified Stock Option 12/22/10 (right to buy) Non-Qualified Stock Option 11/08/12 (right to buy) Non-Qualified Stock Option 10/02/11 (right to buy)	\$31.8125 \$37.0500 \$29.3100	<C>	<C>	<C>	<C>

<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- action	7) Title and Amount	8) Price	9) Number of	10)
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Security Indirect Beneficial Ownership	action Date	of Underlying Securities Title	Amount or Number of Shares	of Derivative Security	Derivative Securities Beneficially Owned at End of Month	D or I
-						
<S>	<C>	<C>	<C>	<C>	<C>	<C>
Non-Qualified Stock Option Direct (right to buy)		Common Stock	16,730		16,730	D
Non-Qualified Stock Option Direct (right to buy)		Common Stock	3,250		3,250	D
Non-Qualified Stock Option Direct (right to buy)		Common Stock	19,500		19,500	D

<FN>
Explanation of Responses:

</FN>
</TABLE>
SIGNATURE OF REPORTING PERSON
/S/ Campagna, John Peter
DATE 11/15/02