

URBANEK LIDA  
Form 4  
May 11, 2005

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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 \*  
URBANEK LIDA

2. Issuer Name and Ticker or Trading Symbol  
KLA TENCOR CORP [KLAC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
05/11/2005

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

C/O KLA-TENCOR CORPORATION, 160 RIO ROBLES

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

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

Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

SAN JOSE, CA 95130

(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 any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  | Code                           | V Amount (D) Price  |   |  |   |
| Common Stock                    | 05/11/2005                           |  | M                              | 1,946 A \$ 17.78  | 1,946   | D  |   |
| Common Stock                    |                                      |  |                                |   | 29,555  | I  | Family Foundation                                     |
| Common Stock                    |                                      |  |                                |   | 1,271,414   | I  | by Trust  |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

displays a currently valid OMB control number.

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) |       | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                  | 7. Title and Underlying Security (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|-------|--|------------------|---|
|  |  |                                      |  |                                | V   | (A)   | (D)  | Date Exercisable |   |
| Non-Qualified Stock Option (right to buy)  | \$ 17.78   | 05/11/2005                           |  | M                              |   | 1,946 | 06/15/1995   | 05/15/2005       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 40.24   | 05/11/2005                           |  | A                              | 2,500   |       | 05/11/2005   | 05/11/2015       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 12.5  |                                      |  |                                |   |       | 06/13/1996   | 05/13/2006       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 13.44   |                                      |  |                                |   |       | 07/22/1999   | 07/22/2008       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 17.59   |                                      |  |                                |   |       | 11/17/1998   | 11/17/2008       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 26.25   |                                      |  |                                |   |       | 11/10/2000   | 11/10/2010       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 29  |                                      |  |                                |   |       | 07/22/1998   | 07/22/2007       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 37.05   |                                      |  |                                |   |       | 11/08/2002   | 11/08/2012       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 40.68   |                                      |  |                                |   |       | 10/18/2004   | 10/18/2014       | Common Stock                                      |
| Non-Qualified Stock Option (right to buy)  | \$ 44.76   |                                      |  |                                |   |       | 01/25/2005   | 01/25/2015       | Common Stock                                      |

|   |          |            |            |                 |
|---|----------|------------|------------|-----------------|
| Non-Qualified<br>Stock Option<br>(right to buy) | \$ 46.28 | 11/16/1999 | 11/16/2009 | Common<br>Stock |
| Non-Qualified<br>Stock Option<br>(right to buy) | \$ 47.23 | 11/09/2001 | 11/09/2011 | Common<br>Stock |
| Non-Qualified<br>Stock Option<br>(right to buy) | \$ 59.44 | 11/05/2003 | 11/05/2013 | Common<br>Stock |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| URBANEK LIDA<br>C/O KLA-TENCOR CORPORATION<br>160 RIO ROBLES<br>SAN JOSE, CA 95130 | X             |           |         |       |

## Signatures

By: Stuart J. Nichols For: Lida  
Urbanek

05/11/2005

\_\_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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.  
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