

KLA TENCOR CORP  
Form 8-K  
July 26, 2007

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**

Pursuant to Section 13 or 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): July 26, 2007

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**KLA-TENCOR CORPORATION**

(Exact name of registrant specified in its charter)

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**Delaware**  
(State or other jurisdiction

of incorporation)

**000-09992**  
(Commission File Number)

**04-2564110**  
(I.R.S. Employer

Identification No.)

**160 Rio Robles, San Jose, California**  
(Address of principal executive offices)

**95134**  
(Zip Code)

Registrant's telephone, including area code: (408) 875-3000

(Former name and former address, if changed since last report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

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- .. Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - .. Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - .. Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - .. Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 2.02 Results of Operations and Financial Condition.**

On July 26, 2007, KLA-Tencor Corporation (the Company ) issued a news release announcing financial results for its fiscal fourth quarter and fiscal year ended June 30, 2007. A copy of this news release is furnished as Exhibit 99.1 to this report.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

The following exhibit is furnished herewith:

<b>Exhibit Number</b>	<b>Description</b>
99.1	Text of press release issued by KLA-Tencor Corporation dated July 26, 2007.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**KLA-TENCOR CORPORATION**

Date: July 26, 2007

By: /s/ Jeffrey L. Hall  
Name: Jeffrey L. Hall  
Title: Chief Financial Officer