## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| (Print or Ty   | pe Response   | s)  |  |  |   |  |                                     |   |           |   |  |  |  |  |  |
|--|---------------|---|--|--|---|--|-------------------------------------|---|-----------|---|--|--|--|--|--|
| 1. Name and Address of Reporting Person* WALLACE RICHARD P                               |               |   |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol KLA CORP [KLAC] |   |  |                                     |   |           | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director10% Owner |  |  |  |  |  |
|  | <b>^</b>      |   | (Middle) RATION, ONE                       | 3. Date of Earliest 08/01/2019                                     | Transacti   | on (M  | onth/Day/                           | Year)   |           | X_Office  | er (give title belo<br>Pro                   | esident and  | Other (specify CEO   | below)                                     |  |
| MILPITA  | AS, CA 95     | (Street)                                      |  | 4. If Amendment,   | Date Orig   | inal F   | iled(Month/                         | Day/Yea   | nr)       | X_ Form fil   | ual or Joint/C<br>ed by One Repo             | orting Person  |  | able Line)                                 |  |
| (City  |               | (State)                                       | (Zip)                                      | Ta   | able I - No   | n-De   | rivative S                          | ecuriti   | ies Acqui | red, Disp   | osed of, or I                                | Beneficially   | Owned  |  |  |
| 1.Title of S<br>(Instr. 3)   | Security      |   | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any                            | Code<br>(Instr. 8)  |  | 4. Securi<br>(A) or D<br>(Instr. 3, | isposed   | d of (D)  | Beneficia<br>Reported   | nt of Securit<br>ally Owned I<br>Transaction | Following  | Form:  | 7. Nature of Indirect Beneficial           |  |
|  |               |   |  | (Month/Day/Year)   | Code  | V  | Amount                              | (A)<br>or<br>(D)                                    | Price     | (Instr. 3 a   | and 4)                                       |  | Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4)             | Ownership (Instr. 4)                       |  |
| Common Stock   |               | 07/01/2019                                    |  | J  | V   | 274 (1)  | A                                   | \$<br>77.274<br>(2)                                 | 48,838    |   | D  |  |  |  |  |
| Common<br>Stock Un   | Stock - R     | estricted                                     | 08/01/2019                                 |  | A   |  | 25,726<br>(4)                       | A   | \$ 0      | 179,969   | ) <u>(5)</u>                                 |  | D  |  |  |
| Common Stock   |               |   |  |  |   |  |                                     |   | 9,182     |   | I  | By Trust (6)   |  |  |  |
| Reminder:  | Report on a s | separate line fo                              | or each class of secur                     | rities beneficially ov   | wned direc  | tly or   | indirectly                          |   |           | •   |  |  |  |  |  |
|  |               |   |  |  |   | con  | tained in                           | this f  | form are  | not requ  | ction of inf<br>iired to res<br>OMB cont     | spond unle   | ess  | C 1474 (9-02)                              |  |
|  |               |   |  | Derivative Securit<br>(e.g., puts, calls, wa                       |   |  |                                     |   |           | y Owned   |  |  |  |  |  |
| 1. Title of Derivative Security (Instr. 3)  The property of Derivative Security Security |               | rcise (Month/Day/Year) any<br>f<br>tive (Mont |  | te, if Transaction Code Year) (Instr. 8)                           | 5.<br>Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | umber and (Mo erivative curities equired a) or isposed f(D) astr. 3, |                                     | ate Exercisable<br>Expiration Date<br>nth/Day/Year) |           | nunt of erlying rities r. 3 and Derivative Security (Instr. 5)                                |  | 9. Number of<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | Owner<br>Form of<br>Deriva<br>Securit<br>Direct<br>or Indi | Beneficia<br>Ownersh<br>(y:<br>(D)<br>rect |  |
|  |               |   |  | Code V   | (A) (D)   | Dat<br>Exe   | e<br>rcisable I                     | Expirat<br>Date                                     | Title     | or<br>Number<br>of<br>Shares  |  |  |  |  |  |

#### **Reporting Owners**

|   |          | Re           | elationships      |       |
|---|----------|--------------|-------------------|-------|
| Reporting Owner Name / Address  | Director | 10%<br>Owner | Officer           | Other |
| WALLACE RICHARD P<br>C/O KLA-TENCOR CORPORATION<br>ONE TECHNOLOGY DRIVE<br>MILPITAS, CA 95035 | X        |              | President and CEO |       |

### **Signatures**

| /s/ Teri Little as Attorney-in-Fact for Richard P. Wallace |  | 08/05/2019 |
|--|--|------------|
| **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).
- (1) Represents shares acquired under the KLA-Tencor Corporation Amended and Restated 1997 Employee Stock Purchase Plan.
- (2) Represents 85% of the closing price of the registrant's stock on the start date.
- (3) Each RSU represents a contingent right to receive one share of KLA-Tencor common stock.
- (4) On August 1, 2019 the reporting person received a grant of an RSU. The RSU vests 25% annually from the date of grant.
- Does not include performance-based RSUs, if any, held by the Reporting Person for which an assessment has not yet been made regarding the achievement of the applicable performance goals. Any such holdings will be reported on a Form 4 within two business days of the date such assessment is made.
- (6) Shares held under the Wallace Living Trust u/a/d 03/27/01, as amended, a trust of which the Reporting Person is a trustee and beneficiary.

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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.