

Morris Michael Joseph  
 Form 3  
 August 14, 2009

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *<br>Â Morris Michael Joseph<br>(Last) (First) (Middle)<br><br>1005 VIRGINIA DRIVE<br>(Street)<br><br>FORT WASHINGTON, Â PA Â 19034<br>(City) (State) (Zip) | 2. Date of Event Requiring Statement<br>(Month/Day/Year)<br>08/05/2009 | 3. Issuer Name and Ticker or Trading Symbol<br>KULICKE & SOFFA INDUSTRIES INC [KLIC] | 4. Relationship of Reporting Person(s) to Issuer<br><br>(Check all applicable)<br><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other<br>(give title below) (specify below)<br>Interim Chief Financial Office | 5. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |
|---|--|--|--|--|---|

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 22,274   | D   | Â  |
| Common Stock                       | 4,514  | I   | By Kulicke and Soffa Incentive Savings Plan              |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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

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

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) | 4. Conversion or Exercise Price of | 5. Ownership Form of Derivative | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|------------------------------------|---------------------------------|--|
|---|---|--|------------------------------------|---------------------------------|--|

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|                             | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares | Derivative Security | Security: Direct (D) or Indirect (I) (Instr. 5) |   |
|-----------------------------|------------------|-----------------|--------------|----------------------------|---------------------|---|---|
| Option to buy - Option Plan | Â (1)            | 10/02/2017      | Common Stock | 1,230                      | \$ 8.74             | D   | Â |
| Option to buy - Option Plan | Â (2)            | 11/01/2016      | Common Stock | 45,000                     | \$ 8.57             | D   | Â |
| Option to buy - Option Plan | Â (3)            | 10/02/2017      | Common Stock | 4,920                      | \$ 8.74             | D   | Â |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                                  |       |
|---|---------------|-----------|----------------------------------|-------|
|   | Director      | 10% Owner | Officer                          | Other |
| Morris Michael Joseph<br>1005 VIRGINIA DRIVE<br>FORT WASHINGTON, PA 19034 | Â             | Â         | Â Interim Chief Financial Office | Â     |

## Signatures

/s/ Susan L. Waters, Attorney-in-Fact for Michael J. Morris 08/14/2009

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) 410 options currently exercisable and 410 options each become exercisable on 10/2/09 and 10/2/10.
- (2) 22,500 options currently exercisable and 11,250 options each become exercisable on 11/1/09 and 11/1/10.
- (3) 1,640 options currently exercisable and 1,640 options each become exercisable on 10/2/09 and 10/2/10.

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.