

Mauthe Joseph
 Form 4/A
 December 23, 2010

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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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 *

Mauthe Joseph

(Last) (First) (Middle)

ONE PLEXUS WAY

(Street)

NEENAH, WI 54956

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

PLEXUS CORP [PLXS]

3. Date of Earliest Transaction (Month/Day/Year)
 11/05/2010

4. If Amendment, Date Original Filed(Month/Day/Year)
 11/08/2010

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

VP Global Human Resources

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

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

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) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|-------|--------------------------|
| | | | | (A) or (D) | Price | | | | |
| Common Stock, \$.01 par value | 11/05/2010 | | M | 641 | A | 1 | 2,641 | D | |
| Common Stock, \$.01 par value | 11/05/2010 | | F | 204 | D | \$ | 31.395 | 2,437 | D |
| Common Stock, \$.01 par value | | | | | | | 2,817 | I | (401(k) ⁽²⁾) |

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

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SEC 1474
(9-02)

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 Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Mauthe Joseph ONE PLEXUS WAY NEENAH, WI 54956 | | | VP Global Human Resources | |

Signatures

Joseph E. Mauthe, by Mary J. Bathke,
Attorney-in-fact
12/23/2010

__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) Each Restricted Stock Unit granted under the Plexus Corp. 2005 Equity Incentive Plan, which qualifies under Rule 16b-3, represented a contingent right to receive one share of Plexus Corp. common stock. The Restricted Stock Units vested and were settled on November 5, 2010.
 - (2) Shares of Plexus Corp. common stock held in the Plexus Corp. 401(k) Savings Plan as of the last report from the Plan's trustee.

Remarks:

This amendment is being filed to report the tax withholding of shares received upon the vesting of Restricted Stock Units on N

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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