Ziolkowski Andrew T Form 4 July 03, 2012

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

Form 5 obligations STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

may continue. See Instruction

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

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Ziolkowski Andrew T

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

CARPENTER TECHNOLOGY CORP [CRS]

(Check all applicable)

(Middle)

(Zin)

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

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

06/29/2012

Sr. VP Strategic Integration

CARPENTER TECHNOLOGY **CORRPORATION, PO BOX 14662**

(Street)

(State)

(First)

4. If Amendment, Date Original

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

Filed(Month/Day/Year)

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

Person

READING, PA 19612-4662

| (City) | (State) | 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) | Code (Instr. 8) | 4. Securion(A) or D (Instr. 3, | ispose 4 and (A) or | ed of (D) 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) | | |
| Common Stock | 06/29/2012 | | Code V | Amount 1,263 (1) | (D) | Price \$ 47.84 | 15,052 | D | | | |
| Common Stock | | | | | | | 9.8 (2) | I | Custodial Account | | |
| Common Stock | | | | | | | 6,460.605 (3) | I | By 401(k) Plan | | |

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not required to respond unless the form

(9-02)

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

| Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Titl | e and | 8. Price of | Ç |
|------------------------------|-------------|---------------------|--------------------|------------|------------|---------------|-----------------|---------|--------------|-------------|---|
| Derivative Conversion | | (Month/Day/Year) | Execution Date, if | Transacti | onNumber | Expiration D | ate | Amou | nt of | Derivative | J |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security | , |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securi | ities | (Instr. 5) |] |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | | (|
| | Security | | | | Acquired | | | | |] | |
| | | | | | (A) or | | | | | | J |
| | | | | | Disposed | | | | | | 7 |
| | | | | | of (D) | | | | | | (|
| | | | | | (Instr. 3, | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | Amount | | |
| | | | | | | | | | Amount | | |
| | | | | | | | Expiration Date | Title | or Number | | |
| | | | | | | | | | of | | |
| | | | | Code V | (A) (D) | | | | | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Ziolkowski Andrew T CARPENTER TECHNOLOGY CORRPORATION PO BOX 14662 READING, PA 19612-4662

Sr. VP Strategic Integration

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Signatures

James D. 07/03/2012 Dee/POA

**Signature of Date
Reporting Person

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) In connection with the vesting of previously reported restricted stock units.
- (2) The reporting person disclaims beneficial ownership of these securities.
- (3) Includes shares acquired under the Savings Plan of Carpenter Technology Corporation. The share balance under the Savings Plan of Carpenter Technology fluctuates due to rounding differences produced by the Plan's method of estimating shares.

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.

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