Thene Tony R Form 3 February 04, 2013

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB Number:

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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 *

14662

Thene Tony R

(Last)

(First)

CARPENTER TECHNOLOGY

(Street)

CORPORATION, Â PO BOX

(Middle)

Statement

(Month/Day/Year)

01/31/2013

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

CARPENTER TECHNOLOGY CORP [CRS]

4. Relationship of Reporting Person(s) to Issuer

Filed(Month/Day/Year)

(Check all applicable)

Director _X__ Officer

10% Owner

Other (give title below) (specify below) Sr VP and CFO

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

5. If Amendment, Date Original

X Form filed by One Reporting Person

Form filed by More than One

Reporting Person

READING, PAÂ 19612

(City) (State) (Zip)

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned

(Instr. 4)

3. Ownership

Table I - Non-Derivative Securities Beneficially Owned

4. Nature of Indirect Beneficial Ownership (Instr. 5)

Form: Direct (D) or Indirect

(I) (Instr. 5)

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 (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying **Derivative Security**

4. Conversion or Exercise

5. Ownership Form of

6. Nature of Indirect Beneficial Ownership

(Instr. 4)

Date **Expiration Title** Amount or

Price of Derivative Security

Derivative Security:

(Instr. 5)

Exercisable

Date

Number of

Direct (D)

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Shares

or Indirect
(I)

(Instr. 5)

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Thene Tony R

CARPENTER TECHNOLOGY CORPORATION PO BOX 14662

 \hat{A} \hat{A} \hat{A} Sr VP and CFO \hat{A}

READING, PAÂ 19612

Signatures

James D. 02/04/2013

**Signature of
Reporting Person

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, see Instruction 5(b)(v).

Date

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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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