

CARPENTER TECHNOLOGY CORP  
Form 8-K  
January 27, 2009  
**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**Form 8-K**

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**CURRENT REPORT**

**PURSUANT TO SECTION 13 OR 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934**

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Date of Report: January 27, 2009

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**CARPENTER TECHNOLOGY CORPORATION**  
(Exact name of registrant as specified in its charter)

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|                                 |                          |                         |
|---------------------------------|--------------------------|-------------------------|
| Delaware                        | 1-5828                   | 23-0458500              |
| (State or other jurisdiction of | (Commission File Number) | (IRS Employer I.D. No.) |

incorporation)  
P.O. Box 14662

|                                 |            |
|---------------------------------|------------|
| Reading, Pennsylvania           | 19612-4662 |
| (Address of principal executive | (Zip Code) |

offices)  
(610) 208-2000

Registrant's telephone  
number, including area  
code

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))



**Item 2.02 - Results of Operations and Financial Condition.**

On January 27, 2009, Carpenter Technology Corporation issued a press release discussing fiscal 2009 second quarter results for the period ended December 31, 2008. The press release, attached as Exhibit 99.1 hereto and incorporated herein by reference, is being furnished pursuant to Item 2.02 and shall not be deemed to be "filed" for any purpose.

**Item 9.01 - Financial Statements and Exhibits**

(d) Exhibits

| Exhibit No. | Description  |
|-------------|--|
| 99.1        | Press Release regarding earnings, dated January 27, 2009 |

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CARPENTER TECHNOLOGY  
CORPORATION

By: /s/ K. Douglas Ralph  
K. Douglas Ralph  
Senior Vice President – Finance and  
Chief Financial Officer

Date: January 27, 2009