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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> KAMON MARK S		 Date of Event Requiring Statement (Month/Day/Year) 	3. Issuer Name and Ticker or Trading Symbol CARPENTER TECHNOLOGY CORP [CRS]				
(Last)	(First)	(Middle)	10/10/2011	4. Relationsh Person(s) to I	ip of Reporting ssuer	3	5. If Amendment, Date Original Filed(Month/Day/Year)
CARPENTE CORPORAT 14662				(Check all applicable) <u></u> Director <u></u> 10% Owner <u></u> Officer <u></u> Other (give title below) (specify below)			6. Individual or Joint/Group Filing(Check Applicable Line)
READING,Â	EADING, PA 19612		SVP - Commercial SAO		0	_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City)	(State)	(Zip)	Table I - I	Non-Derivat	tive Securit	ies Be	neficially Owned
1.Title of Secur (Instr. 4)	ity		2. Amount of Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	
Common Sto	ock		27,399.03	<u>(1)</u>	D	Â	
Common Sto	ock		288		Ι	by 40	01(k) Savings Plan

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

SEC 1473 (7-02)

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

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

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			(Instr. 4)		Price of	Derivative	
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	
Employee Stock Option (right to buy)	(2)	06/30/2018	Common Stock	19,975	\$ 43.65	D	Â
Employee Stock Option (right to buy)	(<u>3)</u>	07/29/2019	Common Stock	12,475	\$ 17.29	D	Â
Employee Stock Option (right to buy)	(4)	07/30/2020	Common Stock	5,911	\$ 34.95	D	Â
Employee Stock Option (right to buy)	(5)	07/28/2021	Common Stock	4,491	\$ 56.52	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
KAMON MARK S CARPENTER TECHNOLOGY CORPORATION PO BOX 14662 READING, PA 19612	Â	Â	SVP - Commercial SAO	Â		

Signatures

James D.	10/20/2011		
Dee/POA	10/20/2011		
<u>**</u> 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) Includes restricted stock units granted under the Carpenter Technology Corporation Stock-Based Compensation Plan for Officers and Key Employees.
- (2) This award became exercisable in equal amounts on each of 6/30/09, 6/30/10 and 6/30/11.
- (3) One-third of this award became exercisable on each of 7/29/10 and 7/29/11. The remaining one-third becomes exercisable on 7/29/12.
- (4) One-third of this award became exercisable on 7/30/11. The remaining two-thirds will become exercisable in equal parts on 7/30/12 and 7/30/13.
- (5) One-third of this award becomes exercisable on each of 7/28/12, 7/28/13 and 7/28/14.

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.