

Simmons Annette C
Form 4
December 10, 2009

FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
Simmons Annette C

2. Issuer Name **and** Ticker or Trading
Symbol

TITANIUM METALS CORP [TIE]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)
5430 LBJ FREEWAY, SUITE 1700

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

06/02/2009

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

(Street)

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

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

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

DALLAS, TX 75240

(City) (State) (Zip)

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)
			Code	V	Amount	(A) or (D) Price			
Common Stock, \$.01 par value	06/02/2009		J ⁽¹⁾		2,000	D \$ 10.3901	15,432	I	by Trust ⁽²⁾
Common Stock, \$.01 par value							21,575,875	D	

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

**Persons who respond to the collection of
information contained in this form are not
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SEC 1474
(9-02)

displays a currently valid OMB control number.

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 Following Reported Transaction (Instr. 10)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Simmons Annette C 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240	X

Signatures

A. Andrew R. Louis, Attorney-in-fact, for Annette C. Simmons 12/10/2009

____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).

Open market sale by The Annette Simmons Grandchildren's Trust. The reporting person and her husband are trustees of this trust, the beneficiaries of which are the grandchildren of the reporting person, but not of her husband. Both the reporting person and her husband disclaim any pecuniary interest in the shares held by this trust.

Directly held by The Annette Simmons Grandchildren's Trust. The reporting person and her husband are trustees of this trust, the beneficiaries of which are the grandchildren of the reporting person, but not of her husband. Both the reporting person and her husband disclaim any pecuniary interest in the shares held by this trust.

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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