

TITANIUM METALS CORP  
Form 4  
June 27, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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

(Print or Type Responses)

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

(Last) (First) (Middle)  
5430 LBJ FREEWAY, SUITE 1700,  
(Street)  
DALLAS, TX 75240  
(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
TITANIUM METALS CORP [TIE]

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/27/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_X\_\_\_ 10% Owner  
\_\_\_ Officer (give title below) \_\_\_ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_\_\_ Form filed by One Reporting Person  
\_X\_ Form filed by More than One Reporting Person

**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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock, \$.01 par value	06/27/2007		P		33,000	A	\$ 31
Common Stock, \$.01 par value	06/27/2007		P		5,700	A	\$ 30.98
Common Stock, \$.01 par value	06/27/2007		P		400	A	\$ 30.99
Common Stock, \$.01 par value	06/27/2007		P		1,700	A	\$ 30.95

Common Stock, \$.01 par value	57,739,056	I	by Spouse <u>(1)</u>
Common Stock, \$.01 par value	17,432	I	by Trust <u>(2)</u>

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 required to respond unless the form displays a currently valid OMB control number.** SEC 1474 (9-02)

**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 Owned Beneficially (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Simmons Annette C 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X		
SIMMONS HAROLD C THREE LINCOLN CENTRE 5430 LBJ FREEWAY STE 1700 DALLAS, TX 75240-2697	X	X	Chairman of the Board	

## Signatures

A. Andrew R. Louis, Attorney-in-fact, for Annette C. Simmons 06/27/2007

\_\_Signature of Reporting Person

Date

A. Andrew R. Louis, Attorney-in-fact, for Harold C.  
Simmons

06/27/2007

\_\_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).  
Directly or indirectly owned by Mr. Harold C. Simmons, the reporting person's spouse. The reporting person disclaims beneficial ownership of all of these securities. See the Additional Information filed as Exhibit 99 to this statement for a description of how these securities are held.
- (1)
- (2) Directly held by the Annette Simmons Grandchildren's Trust. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.

### Remarks:

See the Additional Information attached as Exhibit 99 to this filing for a description of the relationships among the issuer and the reporting persons.

### Exhibit Index

#### 99 Additional Information

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.