

SIMMONS HAROLD C  
 Form 5  
 February 08, 2011

**FORM 5**

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

OMB APPROVAL

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 Expires: January 31, 2005  
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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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

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. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2010

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_X\_\_\_ 10% Owner  
 \_\_\_ Officer (give title below) \_\_\_ Other (specify below)

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

6. Individual or Joint/Group Reporting  
 (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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Price			
Common Stock, \$.01 par value	06/14/2010	^	G	200,000 D \$ <sup>(1)</sup>	21,825,875	D	^
Common Stock, \$.01 par value	06/18/2010	^	G	60,000 D \$ <sup>(1)</sup>	21,825,875	D	^
Common Stock, \$.01 par	06/18/2010	^	G	100,000 D \$ <sup>(1)</sup>	21,825,875	D	^

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value									
Common Stock, \$01 par value	06/21/2010	Â	G	100,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	07/22/2010	Â	G	300,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	07/22/2010	Â	G	50,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	07/23/2010	Â	G	228,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	07/26/2010	Â	G	45,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	07/26/2010	Â	G	45,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	07/30/2010	Â	G	46,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	09/24/2010	Â	G	50,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	09/27/2010	Â	G	90,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	10/05/2010	Â	G	250,000	D	\$ <u>(1)</u>	21,825,875	D	Â
Common Stock, \$01 par value	Â	Â	Â	Â	Â	Â	5,628,787	I	by Spouse <u>(2)</u>

Common Stock, \$0.01 par value       15,632 I  by Trust (3)

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 2270 (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. of D S B O E I F I
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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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SIMMONS HAROLD C 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chairman of the Board <input type="checkbox"/>

## Signatures

A. Andrew R. Louis, Attorney-in-fact, for Annette C. Simmons 02/08/2011  
 \*\*Signature of Reporting Person Date

A. Andrew R. Louis, Attorney-in-fact, for Harold C. Simmons 02/08/2011  
 \*\*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).
- (1) Charitable gift by the reporting person.
- (2) Directly held by the reporting person's spouse. The reporting person disclaims beneficial ownership of any shares of the issuer's common stock that her spouse holds.
- (3) 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.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.