TITANIUM METALS CORP

Form 4

August 16, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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(b).

Common

Stock, \$.01

08/16/2007

(Print or Type Responses)

(Print of Type R	(esponses)									
1. Name and Address of Reporting Person * SIMMONS HAROLD C			2. Issuer Name and Ticker or Trading Symbol TITANIUM METALS CORP [TIE]					5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction					(Check all applicable)		
	ICOLN CENTF VAY STE 1700	· ·	(Month/Day/Year)					_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) below) Chairman of the Board		
(Street)			4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check		
DALLAS, T	Filed(Month/Day/Year)					Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Tab	le I - Non-E	Derivative S	Securi	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year) (Month/Day/Year)		n Date, if	3. Transaction Code (Instr. 8)	saction(A) or Disposed of (D) e (Instr. 3, 4 and 5) Follow Report			5. Amount of Securities Beneficially Owned Following Reported	Ownership Indirect Form: Direct Beneficia (D) or Ownersh		
				Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock, \$.01 par value	08/16/2007			P	10,000		\$ 26.83	5,067,974	D	
Common Stock, \$.01 par value	08/16/2007			P	16,000	A	\$ 26.88	5,083,974	D	
Common Stock, \$.01 par value	08/16/2007			P	10,000	A	\$ 26.77	5,093,974	D	

P

8,000

\$

26.83

A

5,101,974

D

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par value								
Common Stock, \$.01 par value	08/16/2007	P	3,000	A	\$ 26.85	5,104,974	D	
Common Stock, \$.01 par value	08/16/2007	P	3,000	A	\$ 26.73	5,107,974	D	
Common Stock, \$.01 par value						26,959	I	by Valhi
Common Stock, \$.01 par value						1,682,568	I	by NL (2)
Common Stock, \$.01 par value						566,529	I	by NL EMS (3)
Common Stock, \$.01 par value						50,195,169	I	by VHC
Common Stock, \$.01 par value						209,857	I	by CDCT
Common Stock, \$.01 par value						343,675	I	by Spouse (6)

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.

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. Transactic Code (Instr. 8)	5. onNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	.	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title Amount or	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

SEC 1474

(9-02)

Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships							
1	Director	10% Owner	Officer	Other				
SIMMONS HAROLD C THREE LINCOLN CENTRE 5430 LBJ FREEWAY STE 1700 DALLAS, TX 75240-2697	X	Х	Chairman of the Board					
Simmons Annette C 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240		X						
Signatures								
A. Andrew R. Louis, Attorney-in-fact, f Simmons	or Harold C		08/16/2007					
**Signature of Reporting Person	n		Date					
A. Andrew R. Louis, Attorney-in-fact, f Simmons	or Annette (C.	08/16/2007					
**Signature of Reporting Person	n		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) Directly held by Valhi, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.
- (2) Directly held by NL Industries, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.
- (3) Directly held by NL Environmental Management Services, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.
- (4) Directly held by Valhi Holding Company. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship among the persons joining in this filing.
- (5) Directly held by the Contran Amended and Restated Deferred Compensation 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.
- Directly held by the Reporting Person's spouse. Mr. Simmons disclaims beneficial ownership of any shares of the issuer's common stock (6) that his spouse holds. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationships among the persons joining in this filing.

Remarks:

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.

Reporting Owners 3