

TITANIUM METALS CORP  
Form 4  
August 13, 2010

**FORM 4**

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

OMB APPROVAL

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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 \*  
**WORRELL TERRY N**

(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)  
**08/11/2010**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 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 Price (D)		
Common Stock, \$.01 par value	08/11/2010		P		100	A	\$ 18.778 23,600 D
Common Stock, \$.01 par value	08/11/2010		P		1,500	A	\$ 18.779 25,100 D
Common Stock, \$.01 par value	08/11/2010		P		8,400	A	\$ 18.78 33,500 D
Common Stock, \$.01 par value	08/11/2010		P		100	A	\$ 19.319 33,600 D

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Common Stock, \$.01 par value	08/11/2010	P	100	A	\$ 19.338	33,700	D
Common Stock, \$.01 par value	08/11/2010	P	100	A	\$ 19.348	33,800	D
Common Stock, \$.01 par value	08/11/2010	P	500	A	\$ 19.349	34,300	D
Common Stock, \$.01 par value	08/11/2010	P	900	A	\$ 19.368	35,200	D
Common Stock, \$.01 par value	08/11/2010	P	100	A	\$ 19.379	35,300	D
Common Stock, \$.01 par value	08/11/2010	P	2,500	A	\$ 19.386	37,800	D
Common Stock, \$.01 par value	08/11/2010	P	700	A	\$ 19.388	38,500	D
Common Stock, \$.01 par value	08/11/2010	P	5,000	A	\$ 19.452	43,500	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 required to respond unless the form displays a currently valid OMB control number.**

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(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. Nu Deriv Secur Benef Own Follo Repo Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WORRELL TERRY N 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240	X			

## Signatures

A. Andrew R. Louis, Attorney-in-fact, for Terry N.  
Worrell

08/13/2010

\_\_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).

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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