#### TITANIUM METALS CORP

Form 4

August 13, 2010

# 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:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average burden hours per

**OMB APPROVAL** 

response...

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

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

2. Issuer Name and Ticker or Trading

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \*

	WORRELL	TERRY N	g r erson _	Symbol	r Name <b>and</b>				Issuer	Reporting 1 ers	on(s) to		
				TITANIUM METALS CORP [TIE]				[TIE]	(Check all applicable)				
(Last) (First) (Middle)				3. Date of Earliest Transaction (Month/Day/Year) 08/11/2010					W Di				
								X Director Officer (give below)	Owner er (specify				
		4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line)						
DALLAS, TX 75240									_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
	(City)	(State)	(Zip)	Tabl	le I - Non-E	Derivative	Secu	rities Acqu	iired, Disposed of	, or Beneficial	ly Owned		
	1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	Execution any			5. Amount of 6. 7. Natu Securities Ownership Indirect Beneficially Form: Direct Benefic Owned (D) or Owners Following Indirect (I) (Instr. 4) Transaction(s) (Instr. 3 and 4)							
	C				Code V	Amount	(D)	Price	(Instr. 3 and 4)				
	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.

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	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transact	5. iorNumber	6. Date Exer Expiration D		7. Tit		8. Price of Derivative	9. Nu Deriv
Security	or Exercise		any	Code	of	(Month/Day	(Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	/e		Secur		(Instr. 5)	Bene
	Derivative				Securitie			(Instr.	. 3 and 4)		Own
	Security				Acquired	l					Follo
					(A) or						Repo
					Disposed	I					Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
				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

WORRELL TERRY N 5430 LBJ FREEWAY, SUITE 1700 X DALLAS, TX 75240

#### **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. 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.

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