

TITANIUM METALS CORP  
Form 3  
November 17, 2005

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *			2. Date of Event Requiring Statement		3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â VALHI HOLDING CO			(Month/Day/Year)		TITANIUM METALS CORP [TIE]	
(Last)	(First)	(Middle)	08/25/2005		4. Relationship of Reporting Person(s) to Issuer	
5430 LBJ FREEWAY,Â SUITE 1700					5. If Amendment, Date Original Filed(Month/Day/Year)	
(Street)					(Check all applicable)	
DALLAS,Â TXÂ 75240					<input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below)	
(City)	(State)	(Zip)			6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, \$.01 par value	6,309,250 <sup>(1)</sup>	I	by Tremont <sup>(2)</sup>
Common Stock, \$.01 par value	690,000 <sup>(1)</sup>	I	by Valhi <sup>(3)</sup>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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 Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
VALHI HOLDING CO 5430 LBJ FREEWAY SUITE 1700 DALLAS, TX 75240	^	^ X	^	^

## Signatures

A. Andrew R. Louis, Secretary, for Valhi Holding Company 11/15/2005

Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) This share amount is reported prior to the effectiveness of a two-for-one split of the issuer's common stock effective September 6, 2005, for holders of record as of the close of business on August 25, 2005 (the "Stock Split").
- (2) Directly held by Tremont LLC. 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 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.

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### Remarks:

See the Additional Information attached as Exhibit 99 to this filing for a description of the relationship and the reporting person.

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.