

Harris William B.  
Form 3  
July 22, 2011

**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 and Ticker or Trading Symbol	
Harris William B.		(Month/Day/Year)	EMC METALS CORP. [EMC]	
(Last)	(First)	(Middle)	07/22/2011	
PO BOX 247			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
SHEFFIELD, MA 01257			<input checked="" type="checkbox"/> Director	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input type="checkbox"/> 10% Owner	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			<input type="checkbox"/> Officer	<input type="checkbox"/> Form filed by More than One Reporting Person
			(give title below)	(specify below)

**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 Shares	30,000	D	

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 Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Title	Amount or Number of		

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				Shares		(I) (Instr. 5)	
Options on Common Shares	01/23/2009	01/23/2014	Common Shares	40,000	\$ 0.3	D	Â
Options on Common Shares	07/23/2009	01/23/2014	Common Shares	40,000	\$ 0.3	D	Â
Options on Common Shares	01/23/2010	01/23/2014	Common Shares	40,000	\$ 0.3	D	Â
Options on Common Shares	07/23/2010	01/23/2014	Common Shares	40,000	\$ 0.3	D	Â
Options on Common Shares	10/31/2008	10/31/2013	Common Shares	10,000	\$ 0.2	D	Â
Options on Common Shares	04/30/2009	10/31/2013	Common Shares	10,000	\$ 0.2	D	Â
Options on Common Shares	10/31/2009	10/31/2013	Common Shares	10,000	\$ 0.2	D	Â
Options on Common Shares	04/30/2010	10/31/2013	Common Shares	10,000	\$ 0.2	D	Â
Options on Common Shares	06/16/2009	06/16/2014	Common Shares	37,500	\$ 0.16	D	Â
Options on Common Shares	12/16/2009	06/16/2014	Common Shares	37,500	\$ 0.16	D	Â
Options on Common Shares	06/16/2010	06/16/2014	Common Shares	37,500	\$ 0.16	D	Â
Options on Common Shares	12/16/2010	06/16/2014	Common Shares	37,500	\$ 0.16	D	Â
Options on Common Shares	01/04/2010	01/04/2015	Common Shares	12,500	\$ 0.25	D	Â
Options on Common Shares	07/04/2010	01/04/2015	Common Shares	12,500	\$ 0.25	D	Â
Options on Common Shares	01/04/2011	01/04/2015	Common Shares	12,500	\$ 0.25	D	Â
Options on Common Shares	07/04/2011	01/04/2015	Common Shares	12,500	\$ 0.25	D	Â
Options on Common Shares	11/05/2010	11/05/2010	Common Shares	800,000	\$ 0.1	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Harris William B.  
PO BOX 247  
SHEFFIELD, MA 01257

^ X ^ ^ ^

## Signatures

/s/ William  
Harris

07/18/2011

\*\*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).

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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