

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL                                 |           |
|--|-----------|
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|   |   |   |
|---|---|---|
| 1. Name and Address of Reporting Person*<br><u>Vartanian Nishan J.</u><br><br>(Last) (First) (Middle)<br><u>1000 CRANBERRY WOODS DRIVE</u><br><br>(Street)<br><u>CRANBERRY WOODS PA 16066</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>MINE SAFETY APPLIANCES CO [ MSA ]</u> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><br><u>Vice President</u> |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>02/20/2013</u>                   |   |
|   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                |   |

**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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock, no par value      | 02/20/2013                           |  | I                              |   | 2,217.655 <sup>(1)</sup>  | D          | \$48.95 | 0.0000  | I  | By 401k   |
| Common Stock, no par value      |                                      |  |                                |   |   |            |         | 10,025  | D  |   |
| Common Stock, no par value      |                                      |  |                                |   |   |            |         | 1,090   | I  | By Wife   |
| Common Stock, no par value      |                                      |  |                                |   |   |            |         | 200   | I  | UGMA account for daughter                             |
| Common Stock, no par value      |                                      |  |                                |   |   |            |         | 250   | I  | UGMA account for son                                  |

**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) |   | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----------------|---|--|--|---|--|
|  |  |                                      |  | Code                           | V | Date Exercisable   | Expiration Date |   |  |  |   |  |

**Explanation of Responses:**

1. This is a discretionary transfer of all of the shares held by the reporting person in the MSA Stock Fund of the Company's 401(k) plan into other plan funds. The number of shares transferred differs from the number of shares previously reported as being held by the reporting person in the MSA Stock Fund because that fund is a unitized fund and thus the number of shares owned can change based upon the Company's stock price at any particular time.

Douglas K. McClaine,  
Attorney in Fact

02/21/2013

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* 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.

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 Number.