

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Address of Reporting Person* <u>Vartanian Nishan J.</u> <hr/> (Last) (First) (Middle) 1000 CRANBERRY WOODS DRIVE <hr/> (Street) CRANBERRY PA TOWNSHIP <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 12/11/2012	3. Issuer Name and Ticker or Trading Symbol <u>MINE SAFETY APPLIANCES CO [MSA]</u> <hr/> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <div style="text-align: center; margin-left: 100px;">Vice President</div>	5. If Amendment, Date of Original Filed (Month/Day/Year) <hr/> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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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, 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 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: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Incentive Stock Option	02/23/2012	02/23/2019	Common Stock, no par value	5,608	17.83	D	
Incentive Stock Option	02/23/2013	02/23/2020	Common Stock, no par value	4,060	24.63	D	
Incentive Stock Option	02/23/2014	02/23/2021	Common Stock, no par value	2,980	33.55	D	
Incentive Stock Option	02/16/2015	02/16/2022	Common Stock, no par value	2,725	36.69	D	
Incentive Stock Option	02/27/2009	02/27/2016	Common Stock, no par value	2,397	40.08	D	
Incentive Stock Option	02/21/2010	02/21/2017	Common Stock, no par value	2,408	40.095	D	
Incentive Stock Option	02/26/2011	02/26/2018	Common Stock, no par value	2,210	45.24	D	
Incentive Stock Option	12/14/2005	02/23/2015	Common Stock, no par value	2,189	45.68	D	
Non-statutory Stock Option	02/23/2012	02/23/2019	Common Stock, no par value	3,825	17.83	D	
Non-statutory Stock Option	02/23/2013	02/23/2020	Common Stock, no par value	3,131	24.63	D	
Non-statutory Stock Option	02/23/2014	02/23/2021	Common Stock, no par value	536	33.55	D	
Non-statutory Stock Option	02/16/2015	02/16/2022	Common Stock, no par value	1,310	36.69	D	

**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: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Non-statutory Stock Option	02/26/2011	02/26/2018	Common Stock, no par value	894	45.24	D	
Non-statutory Stock Option	12/14/2005	02/23/2015	Common Stock, no par value	358	45.68	D	

Explanation of Responses:

Douglas K. McClaine,
Attorney in Fact

12/17/2012

** 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 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.

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.