FORM 5

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Machinatan | D C | 20540 |
|-------------|------|-------|
| Washington, | D.C. | 20549 |

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL

| OMB APPROVAL | | | | | | |
|---------------------|-----------|--|--|--|--|--|
| OMB Number: | 3235-0362 | | | | | |
| Estimated average b | ourden | | | | | |

| ANNUAL STATEMENT OF CHANGES IN BENEFI OWNERSHIP Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 | | | | | | | Estimated : | | | | average bu | 3235-0362 rden 1.0 | | |
|---|--|---|--|--|--|--|--|--|--|--|--|--|--|---|
| | 2. Issuer N | lame a | and Tic | ker or | Trading | Symbol | | | (Chec | k all app | licable) | orting P | () | |
| Middle) | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2006 | | | | Year) | X Director 10% Owner Officer (give title below) Other (speci | | | | | er (specify | | | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | • | | | | | | | |
| | | | | | | | | | | | | | | |
| 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution D if any | 2A. Deemed Execution Date, if any 3. Transaction Code (Instr. 4. Securities Acquired (A) or Dispose Of (D) (Instr. 3, 4 and 5) | | | | | ed | 5. Amount of 6 Securities C Beneficially F | | Forn | ership n: Direct | 7. Nature of Indirect Beneficial Ownership | | |
| | (Monthin Day) | rear) | 5 , | | Amoui | nt | (A) or (D) | Price | | Issuer's | Fiscal | Ìndir | rect (I) | (Instr. 4) |
| 05/01/2006 | | J (1) | | 1) | 36 | ,192 | D | \$0 | | 363,808 | | | I | By Trusts |
| 05/01/2006 | | J (2) | | 2) | 36 | ,192 | A | \$0 | | 70,116 | | | I | By Wife |
| 12/26/2006 | | | G | | (| 10 | A | \$0 | | 144,660 | | | | By Wife as Trustee |
| 12/26/2006 | | | G | | 1, | 830 | D | \$0 | | 188,276 | | | | Jointly with Wife |
| | | | | | | | | | | 419,119 | | | D | |
| | | | | | | | | | | 7 | '21 | | I | By Wife |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | |
| 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | of Deriv Secu Acqu (A) or Dispo of (D) (Instr | of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 | | Expiration Date | | Amou Secu Unde Deriv Secu | and 4) | | Derivative Security (Instr. 5) | | ve les ially ng ed etion(s) | Form: Direct (D) or Indirec | Beneficial Ownership t (Instr. 4) |
| | File Middle) 10543-1005 Zip) e I - Non-Deriv 2. Transaction Date (Month/Day/Year) 05/01/2006 12/26/2006 12/26/2006 12/26/2006 12/26/2006 | Filed pursuant to or Section 2. Issuer N MINE 3. Stateme 12/31/20 4. If Amen 10543-1005 Zip) e I - Non-Derivative Secution Date (Month/Day/Year) 05/01/2006 05/01/2006 12/26/2006 12/26/2006 12/26/2006 12/26/2006 3. Deemed Execution Date (e.g., puts, calls, fany Transaction Code (Instr.) | Filed pursuant to Section 30(h) 2. Issuer Name a MINE SAF 3. Statement for 12/31/2006 4. If Amendment 2. Transaction Date (Month/Day/Year) 2. Transaction Date (if any (Month/Day/Year) 05/01/2006 12/26/2006 12/26/2006 12/26/2006 3. Statement for 12/31/2006 4. If Amendment 2. Transaction Date, if any (Month/Day/Year) 3. Deemed Execution Date, if any (Month/Day/Year) | Filed pursuant to Section 16(a or Section 30(h) of the or Section 30(h) of the and Section 30(h) of the section 3. Statement for Issuer's 12/31/2006 4. If Amendment, Date of Section 12/31/2006 2. 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If Amendment, Date of Original Filed (Month/Day/Year) Fiscal Year Ended (Month/D | Siled pursuant to Section 16(a) of the Securities Exchange Act or Section 30(h) of the Investment Company Act of 194 | Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol MINE SAFETY APPLIANCES CO [MSA] 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2006 4. If Amendment, Date of Original Filed (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction (Month/Day/Year) 4. If Amendment, Date of Original Filed (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction Code (Instr. 8) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 4. Mount (A) or (D) Price 3. Mount (A) or (D) Price 3. Transaction (Month/Day/Year) 4. 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Transaction Date Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date Securities Acquired, Disposed of, or Beneficially Owned at end of Original Filed (Month/Day/Year) 2. Transaction Date Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date Securities Acquired, Disposed of, or Beneficially Owned at end of Original Filed (Month/Day/Year) 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 4. Securities Acquired (A) or Disposed Original Filed (Month/Day/Year) 5. Amount Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filed (Month/Day/Year) 7. Form filed by One Reform filed by More the Person 8. Amount Original Filed (Month/Day/Year) 8. A | |

Date Exercisable

Expiration Date

Explanation of Responses:

- 1. Distribution of shares from trust
- 2. Distribution of shares from trust to Wife.

Remarks:

Douglas K. McClaine, 02/06/2007 **Attorney in Fact**

** Signature of Reporting Person

of Shares

Title

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.