Hooper Max D Form 5 May 13, 2009

FORM 5

OMB APPROVAL

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

OMB Number: 3235-0362

no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box if

Expires: January 31, 2005

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 1.0

See Instruction
1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Reported Form 4 30(h) of the Investment Company Act of 1940

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Hooper Max D Symbol AIRGAS INC [ARG] (Check all applicable) (First) 3. Statement for Issuer's Fiscal Year Ended (Last) (Middle) (Month/Day/Year) Director 10% Owner X _ Officer (give title Other (specify 03/31/2009 below) below) C/O AIRGAS, INC., 259 N. Division President-West RADNOR-CHESTER RD, STE. 100 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line)

RADNOR, Â PAÂ 19087

_X_Form Filed by One Reporting Person __Form Filed by More than One Reporting Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Acquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4) (D) Price Amount Common Â Â 12/08/2008 **S4** 3,000 D \$ 35 14,685 (1) D Stock By 401(k) Common Â Â Â Â Â Â 4,416 (2) I Stock plan

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

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SEC 2270 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Title | e and | 8. Price of |
|------------------------------|-------------|---------------------|--------------------|-------------|------------|--------------------------------|-------------|----------|----------|-------------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transaction | Number | Expiration D | ate | Amou | nt of | Derivative |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securi | ties | (Instr. 5) |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | |
| | Security | | | | Acquired | | | | | |
| | | | | | (A) or | | | | | |
| | | | | | Disposed | | | | | |
| | | | | | of (D) | | | | | |
| | | | | | (Instr. 3, | | | | | |
| | | | | | 4, and 5) | | | | | |
| | | | | | | | | | Amount | |
| | | | | | | | | | or | |
| | | | | | | Date Expir Exercisable Date | Expiration | | Number | |
| | | | | | | | Date | | of | |
| | | | | | (A) (D) | | | | Shares | |

of D

Is Fi

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|--|---------------|-----------|----------------------------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| Hooper Max D C/O AIRGAS, INC. 259 N. RADNOR-CHESTER RD, STE. 100 RADNOR, PA 19087 | Â | Â | Division President-West | Â | | |

Signatures

Robert H. Young, Jr., Attorney-in-Fact for Max Hooper 05/13/2009

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- Includes 7,240 shares of Airgas, Inc. common stock acquired pursuant to Airgas, Inc.'s Employee Stock Purchase Plan ("ESPP") as of 3/31/2009, the end of the issuer's fiscal year. Since 5/9/2008, the date of the statement relied upon for the amount reported on the reporting person's 5/13/2008 Form 4, a total of 330 ESPP shares have been acquired in transactions exempt from Section 16(b).
- The information presented is as of 3/31/2009, the end of the issuer's fiscal year. Since 5/9/2008, the date of the statement relied upon for the amount reported on the reporting person's 5/13/2008 Form 4, a total of 4,008 shares of Airgas, Inc. common stock have been acquired in transactions exempt from Section 16(b).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

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