#### MOLININI MICHAEL

Form 4

March 30, 2011

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

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**OMB APPROVAL** 

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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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * MOLININI MICHAEL |          |  | 2. Issuer Name and Ticker or Trading<br>Symbol<br>AIRGAS INC [ARG] | 5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)   |  |  |  |
|--|----------|--|--|--|--|--|--|
| (Last)  C/O AIRGAS, RADNOR-CH SUITE 100                    |          |  | 3. Date of Earliest Transaction (Month/Day/Year) 03/28/2011        | Director 10% Owner Officer (give title Other (specify below) Exec. VP and COO  |  |  |  |
| RADNOR, PA   | (Street) |  | 4. If Amendment, Date Original Filed(Month/Day/Year)               | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person |  |  |  |

| (City)                               | (State) (                            | Zip) Table  | e I - Non-D                            | erivative   | Secur            | ities Acqu  | uired, Disposed of   | , or Beneficial  | y Owned   |
|--------------------------------------|--------------------------------------|---|--|---|------------------|-------------|--|--|---|
| 1.Title of<br>Security<br>(Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transactio<br>Code<br>(Instr. 8) | 4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) |                  |             | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|                                      |                                      |   | Code V                                 | Amount  | (A)<br>or<br>(D) | Price       | Transaction(s) (Instr. 3 and 4)  |  |   |
| Common<br>Stock                      | 03/28/2011                           |   | M                                      | 6,250   | A                | \$ 8.99     | 14,628 (1)   | D  |   |
| Common<br>Stock                      | 03/28/2011                           |   | M                                      | 1,250   | A                | \$ 8.99     | 15,878 <u>(1)</u>  | D  |   |
| Common<br>Stock                      | 03/28/2011                           |   | S                                      | 1,900   | D                | \$<br>66.63 | 13,978 <u>(1)</u>  | D  |   |
| Common<br>Stock                      | 03/28/2011                           |   | S                                      | 1,481   | D                | \$ 66.6     | 12,497 (1)   | D  |   |
| Common<br>Stock                      | 03/28/2011                           |   | S                                      | 200   | D                | \$<br>66.59 | 12,297 (1)   | D  |   |

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

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SEC 1474 (9-02)

> 8. I De Sec (In

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

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transactic<br>Code<br>(Instr. 8) | 5. Number cionof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                    | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |  | 8<br>I<br>S<br>( |
|---|---|--------------------------------------|---|--|---|-----|--|--------------------|---|--|------------------|
|   |   |                                      |   | Code V                                 | (A) (   | (D) | Date<br>Exercisable                                      | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |                  |
| Stock<br>Option<br>(Right to<br>Buy)                | \$ 8.99   | 03/28/2011                           |   | M                                      | 6,  | 250 | (2)  | 05/08/2011         | Common<br>Stock   | 6,250                                  |                  |
| Stock<br>Option<br>(Right to<br>Buy)                | \$ 8.99   | 03/28/2011                           |   | M                                      | 1,  | 250 | (2)  | 05/08/2011         | Common<br>Stock   | 1,250                                  |                  |

## **Reporting Owners**

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Exec. VP and COO

MOLININI MICHAEL C/O AIRGAS, INC. 259 N. RADNOR-CHESTER ROAD, SUITE 100 RADNOR, PA 19087

**Signatures** 

Robert H. Young, Jr., Attorney-In-Fact for Michael L.
Molinini

03/30/2011

\*\*Signature of Reporting Person Date

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### **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 6,834 shares of Airgas, Inc. common stock acquired pursuant to Airgas, Inc.'s Employee Stock Purchase Plan ("ESPP") as of 3/28/2011, the date of the latest available statement of the reporting person's ESPP holdings. Since 10/18/2007, the date of the statement
- relied upon for the amount reported on the reporting person's 10/29/2007 Form 4, a total of 1,949 ESPP shares have been acquired in transactions exempt from Section 16(b).
- (2) These options became exercisable in 25% equal increments on each of 5/8/2002, 5/8/2003, 5/8/2004 and 5/8/2005.
- (3) Not Applicable.

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