

MOLININI MICHAEL  
Form 4  
March 30, 2011

**FORM 4**

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

OMB APPROVAL

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
MOLININI MICHAEL

(Last) (First) (Middle)

C/O AIRGAS, INC., 259 N.  
RADNOR-CHESTER ROAD,  
SUITE 100

(Street)

RADNOR, PA 19087

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
AIRGAS INC [ARG]

3. Date of Earliest Transaction  
(Month/Day/Year)  
03/28/2011

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Exec. VP and COO

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	03/28/2011		M		6,250 A \$ 8.99	14,628 <sup>(1)</sup>	D
Common Stock	03/28/2011		M		1,250 A \$ 8.99	15,878 <sup>(1)</sup>	D
Common Stock	03/28/2011		S		1,900 D \$ 66.63	13,978 <sup>(1)</sup>	D
Common Stock	03/28/2011		S		1,481 D \$ 66.6	12,497 <sup>(1)</sup>	D
Common Stock	03/28/2011		S		200 D \$ 66.59	12,297 <sup>(1)</sup>	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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(9-02)

**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)	5. Number of 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. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 8.99	03/28/2011		M	6,250	<sup>(2)</sup> 05/08/2011	Common Stock	6,250
Stock Option (Right to Buy)	\$ 8.99	03/28/2011		M	1,250	<sup>(2)</sup> 05/08/2011	Common Stock	1,250

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

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

Exec. VP and COO

## Signatures

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

03/30/2011

\*\*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 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).
- (1)
  - (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.

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