

MCLAUGHLIN ROBERT M  
 Form 4  
 June 09, 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 \*  
**MCLAUGHLIN ROBERT M**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
**C/O AIRGAS, INC., 259 N.  
 RADNOR-CHESTER ROAD,  
 SUITE 100**

3. Date of Earliest Transaction (Month/Day/Year)  
**06/07/2011**

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
**Senior VP and CFO**

(Street)  
**RADNOR, PA 19087**

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 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 Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	06/07/2011		M	A	3,000	\$ 10.49	10,938 <sup>(1)</sup> D
Common Stock	06/07/2011		M	A	11,200	\$ 16.52	22,138 <sup>(1)</sup> D
Common Stock	06/07/2011		S	D	10,200	\$ 66.49	11,938 <sup>(1)</sup> D
Common Stock						344	I By 401(k) Plan

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)	\$ 10.49	06/07/2011		M	3,000	<u>(2)</u> 06/25/2011	Common Stock	3,000
Stock Option (Right to Buy)	\$ 16.52	06/07/2011		M	11,200	<u>(4)</u> 05/06/2012	Common Stock	11,200

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director    10% Owner    Officer    Other

MCLAUGHLIN ROBERT M  
C/O AIRGAS, INC.  
259 N. RADNOR-CHESTER ROAD, SUITE 100  
RADNOR, PA 19087

Senior VP and CFO

## Signatures

Robert H. Young, Jr., Attorney-In-Fact for Robert M. McLaughlin

06/09/2011

\*\*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).

(1) Includes 7,938 shares of Airgas, Inc. common stock acquired pursuant to Airgas, Inc.'s Employee Stock Purchase Plan ("ESPP") as of 6/7/2011, the date of the latest available statement of the reporting person's ESPP holdings. Since 9/6/2005, the date of the statement relied upon for the amount reported on the reporting person's 9/6/2005 Form 4, a total of 2,339 ESPP shares have been acquired in

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transactions exempt from Section 16(b).

- (2) These options became exercisable in 25% equal increments on each of 6/25/2002, 6/25/2003, 6/25/2004 and 6/25/2005.
- (3) Not Applicable.
- (4) These options became exercisable in 25% equal increments on each of 5/6/2003, 5/6/2004, 5/6/2005 and 5/6/2006.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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