

DOUGHERTY ROBERT A  
Form 4  
February 27, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 \*  
DOUGHERTY ROBERT A

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)

3. Date of Earliest Transaction (Month/Day/Year)  
02/23/2012

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Sr. V.P. and CIO

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

(Street)

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

RADNOR, PA 19087

(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	02/23/2012		M	A	7,300	\$ 19.22	12,553 <sup>(1)</sup> <sup>(2)</sup> D
Common Stock	02/23/2012		M	A	4,700	\$ 21.15	17,253 <sup>(1)</sup> <sup>(2)</sup> D
Common Stock	02/23/2012		S	D	12,000	\$ 81.5 <sup>(3)</sup>	5,253 <sup>(1)</sup> <sup>(2)</sup> D
Common Stock						377 <sup>(4)</sup>	I By 401(k) Plan

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

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 control number.

SEC 1474  
(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)	\$ 19.22	02/23/2012		M	7,300	<sup>(5)</sup> 05/12/2013	Common Stock	7,300
Stock Option (Right to Buy)	\$ 21.15	02/23/2012		M	4,700	<sup>(7)</sup> 05/25/2014	Common Stock	4,700

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

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

Sr. V.P. and CIO

## Signatures

Robert H. Young, Jr., Attorney-In-Fact for Robert A. Dougherty

02/27/2012

\_\_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)

## Edgar Filing: DOUGHERTY ROBERT A - Form 4

Includes 192 shares of Airgas, Inc. common stock acquired pursuant to Airgas, Inc.'s Employee Stock Purchase Plan ("ESPP") as of 2/23/2012, the date of the latest available statement of the reporting person's ESPP holdings. Since 12/9/2011, the date of the statement relied upon for the amount reported on the reporting person's 12/13/2011 Form 4, a total of 65 ESPP shares have been acquired in transactions exempt from Section 16(b).

- (2) On 7/21/2011, the reporting person transferred 5,061 shares of Airgas, Inc. common stock from his ESPP account to a brokerage account owned by him.
- (3) This price represents the average selling price (within a range of \$81.50-\$81.52) of the shares of common stock of Airgas, Inc. sold by the reporting person, as provided by the reporting person's broker.

The information presented is as of 2/23/2012, the date of the latest available statement of the reporting person's holdings of Airgas, Inc.

- (4) common stock in his 401(k) plan. Since 12/9/2011, the date of the statement relied upon for the amount reported on the reporting person's 12/13/2011 Form 4, a total of 49 shares have been acquired in transactions exempt from Section 16(b).
- (5) These options became exercisable in 25% equal increments on each of 5/12/2004, 5/12/2005, 5/12/2006 and 5/12/2007.
- (6) Not Applicable.
- (7) These options became exercisable in 25% equal increments on each of 5/25/2005, 5/25/2006, 5/25/2007 and 5/25/2008.

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.