

Thoman Thomas S
 Form 4
 December 12, 2012

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2015
 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 *
 Thoman Thomas S

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)
 12/10/2012

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Division President - Gases

(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 Ownership (Instr. 4)
			Code	V	Amount	Price	
Common Stock	12/10/2012		M		13,800	\$ 19.22	A 14,442 ⁽¹⁾ D
Common Stock	12/10/2012		M		12,000	\$ 21.15	A 26,442 ⁽¹⁾ D
Common Stock	12/10/2012		S		25,800	\$ 91.28	D 642 ⁽¹⁾ ⁽²⁾ D

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

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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	12/10/2012		M	13,800	<u>(3)</u> 05/12/2013	Common Stock	13,800
Stock Option (Right to Buy)	\$ 21.15	12/10/2012		M	12,000	<u>(5)</u> 05/25/2014	Common Stock	12,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Thoman Thomas S C/O AIRGAS, INC. 259 N. RADNOR-CHESTER ROAD, SUITE 100 RADNOR, PA 19087			Division President - Gases	

Signatures

Robert H. Young, Jr., Attorney-In-Fact for Thomas S.
Thoman 12/12/2012

**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) Includes 642 shares of Airgas, Inc. common stock acquired pursuant to Airgas, Inc.'s Employee Stock Purchase Plan ("ESPP") as of 12/10/2012, the date of the latest available statement of the reporting person's ESPP holdings. Since 12/05/2011, the date of the statement relied upon for the amount reported on the reporting person's 12/07/2011 Form 4, a total of 133 ESPP shares have been acquired in transactions exempt from Section 16(b).

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- (2) This price represents the average selling price (within a range of \$91.05-\$91.45) of the shares of common stock of Airgas, Inc. sold by the reporting person, as provided by the reporting person's broker.
- (3) These options became exercisable in 25% equal increments on each of 5/12/2004, 5/12/2005, 5/12/2006 and 5/12/2007.
- (4) Not Applicable.
- (5) 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.

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