

Thoman Thomas S  
 Form 3  
 November 30, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Thoman Thomas S		(Month/Day/Year)	AIRGAS INC [ARG]	
(Last)	(First)	(Middle)	07/01/2011	
C/O AIRGAS, INC.,Â 259 N. RADNOR-CHESTER ROAD, SUITE 100		4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)		(Check all applicable)		
RADNOR,Â PAÂ 19087		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below) Division President - Gases		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
(City)	(State)	(Zip)		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	509 <sup>(1)</sup>	D	Â

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

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Stock Option (Right to Buy)	Â (2)	05/06/2012	Common Stock	7,500	\$ 16.52	D	Â
Stock Option (Right to Buy)	Â (3)	05/12/2013	Common Stock	13,800	\$ 19.22	D	Â
Stock Option (Right to Buy)	Â (4)	05/25/2014	Common Stock	12,000	\$ 21.15	D	Â
Stock Option (Right to Buy)	Â (5)	05/24/2015	Common Stock	11,300	\$ 24.09	D	Â
Stock Option (Right to Buy)	Â (6)	05/23/2014	Common Stock	11,000	\$ 36.17	D	Â
Stock Option (Right to Buy)	Â (7)	05/08/2015	Common Stock	19,000	\$ 43.62	D	Â
Stock Option (Right to Buy)	Â (8)	05/20/2016	Common Stock	14,000	\$ 60.84	D	Â
Stock Option (Right to Buy)	Â (9)	05/19/2017	Common Stock	16,200	\$ 43.06	D	Â
Stock Option (Right to Buy)	Â (10)	05/25/2018	Common Stock	12,300	\$ 62.23	D	Â
Stock Option (Right to Buy)	Â (11)	12/02/2018	Common Stock	2,000	\$ 63.71	D	Â
Stock Option (Right to Buy)	Â (12)	05/17/2019	Common Stock	13,000	\$ 66.5	D	Â

## 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	Â	Â	Â Division President - Gases	Â

## Signatures

Robert H. Young, Jr., Attorney-in-Fact for Thomas S. Thoman

11/30/2011

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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 509 shares of Airgas, Inc. common stock acquired pursuant to Airgas, Inc.'s Employee Stock Purchase Plan ("ESPP") as of 11/14/2011, the date of the latest available statement of the reporting person's ESPP holdings.
- (2) These options became exercisable in 25% equal increments on each of 5/6/2003, 5/6/2004, 5/6/2005 and 5/6/2006.
- (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) These options became exercisable in 25% equal increments on each of 5/25/2005, 5/25/2006, 5/25/2007 and 5/25/2008.
- (5) These options became exercisable in 25% annual increments on each of 5/24/2006, 5/24/2007, 5/24/2008 and 5/24/2009.
- (6) These options became exercisable in 25% equal increments on each of 5/23/2007, 5/23/2008, 5/23/2009 and 5/23/2010.
- (7) These options became exercisable in 25% annual increments on each of 5/8/2008, 5/8/2009, 5/8/2010 and 5/8/2011.
- (8) These options have or will become exercisable, as applicable, in 25% annual increments on each of 5/20/2009, 5/20/2010, 5/20/2011 and 5/20/2012.
- (9) These options have or will become exercisable, as applicable, in 25% equal increments on each of 5/19/2010, 5/19/2011, 5/19/2012 and 5/19/2013.
- (10) These options have or will become exercisable, as applicable, in 25% equal increments on each of 5/25/2011, 5/25/2012, 5/25/2013 and 5/25/2014.
- (11) These options will become exercisable in 25% annual increments on each of 12/2/2011, 12/2/2012, 12/2/2013 and 12/2/2014.
- (12) These options will become exercisable in 25% annual increments on each of 5/17/2012, 5/17/2013, 5/17/2014 and 5/17/2015.

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.