

Graff Leslie J
 Form 4
 May 14, 2009

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 *
 Graff Leslie J

(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)
 05/12/2009

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)
 Sr. VP Corporate Development

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 Indirect Beneficial Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock	05/12/2009		M	6,250 A \$ 11.5	19,251 ⁽¹⁾ ⁽²⁾	D	
Common Stock	05/12/2009		S	4,000 D \$ 42.39	15,251 ⁽¹⁾ ⁽²⁾	D	
Common Stock					250	I	By Immediate Family
Common Stock					4,152 ⁽³⁾	I	By 401(k) Plan

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

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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)	\$ 11.5	05/12/2009		M	6,250	⁽⁴⁾ 05/18/2009	Common Stock	6,250

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Graff Leslie J C/O AIRGAS, INC. 259 N. RADNOR-CHESTER ROAD, SUITE 100 RADNOR, PA 19087			Sr. VP Corporate Development	

Signatures

Robert H. Young, Jr., Attorney-In-Fact for Leslie J. Graff 05/14/2009

**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 3,001 shares of Airgas, Inc. common stock acquired pursuant to Airgas, Inc.'s Employee Stock Purchase Plan ("ESPP") as of 5/12/2009, the date of the latest available statement of the reporting person's ESPP holdings. Since 2/11/2009, the date of the statement relied upon for the amount reported on the reporting person's 2/13/2009 Form 4, a total of 341 ESPP shares have been acquired in transactions exempt from Section 16(b).

(2)

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Includes 5,000 shares of Airgas, Inc.'s common stock previously acquired by the reporting person (and reported on a Form 4 filed on 2/13/2009) that should have been included under Item 5 as part of the reporting person's holdings in his Form 4 filed on 2/13/2009 but were not due to a clerical error.

- The information presented is as of 5/12/2009, the date of the latest available statement of the reporting person's holdings of Airgas, Inc.
- (3) common stock in his 401(k) plan. Since 2/11/2009, the date of the statement relied upon for the amount reported on the reporting person's 2/13/2009 Form 4, a total of zero shares have been acquired in transactions exempt from Section 16(b).
 - (4) These options became exercisable in 25% equal increments on each of 5/18/2000, 5/18/2001, 5/18/2002 and 5/18/2003.
 - (5) Not Applicable.

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.