

BERTOLINO DEAN A
Form 4
September 10, 2007

FORM 4

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

OMB APPROVAL

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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 *
BERTOLINO DEAN A

(Last) (First) (Middle)

C/O AIRGAS, INC., 259 N.
RADNOR-CHESTER RD, STE. 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)

09/06/2007

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)
VP, Gen. Counsel & Secretary

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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	09/06/2007		M	5,000 A \$ 15.09	9,398 ⁽¹⁾	D	
Common Stock	09/06/2007		S	5,000 D \$ 46.8	4,398 ⁽¹⁾	D	
Common Stock					636 ⁽²⁾	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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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. Title and Amount of Underlying Securities (Instr. 3 and 4)
Stock Option (Right to Buy)	\$ 15.09	09/06/2007		M	5,000	(3) 12/10/2011	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BERTOLINO DEAN A C/O AIRGAS, INC. 259 N. RADNOR-CHESTER RD, STE. 100 RADNOR, PA 19087			VP, Gen. Counsel & Secretary	

Signatures

Dean A.
Bertolino 09/10/2007

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 4,398 shares of Airgas, Inc. common stock acquired pursuant to Airgas Inc.'s Employee Stock Purchase Plan ("ESPP") as of 09/10/2007, the date of the latest available statement of the reporting person's ESPP holdings.
- (2) The information presented is as of 09/10/2007, the date of the latest available statement of the reporting person's holding of Airgas, Inc. common stock in his 401(k) plan.
- (3) These options became exercisable in 25% equal increments on each of 12/10/2002, 12/10/2003, 12/10/2004 and 12/10/2005.
- (4) 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.

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