AIRGAS INC Form SC 13G/A February 14, 2005

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 8)*

AIRGAS, INC.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

009363 10 2

(CUSIP Number)

December 31, 2004

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[] Rule 13d-1(b)

[X] Rule 13d-1(c)

[] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following page(s))

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NAME OF REPORTING PERSON
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Bonnie F. McCausland

2. CHECK	THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) [] (b) [X]
3. SEC US	E ONLY	
4. CITIZE	NSHIP OR PLACE OF ORGANIZATION	
United	l States	
	5. SOLE VOTING POWER	
	1,500	
NUMBER OF	6. SHARED VOTING POWER	
SHARES BENEFICIAL OWNED BY EACH REPORTING PERSON WITH	• •	
	7. SOLE DISPOSITIVE POWER	
	1,500	
	8. SHARED DISPOSITIVE POWER	
	10,248,061	
[] 11. PERCE 13.6%	ENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
12. TYPE	OF REPORTING PERSON*	
IN		
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Item 1(a)	Name of Issuer	
	Airgas, Inc.	
	Address of Issuer's Principal Executive Office	

Airgas, Inc.
Radnor Court
259 North Radnor-Chester Road, Suite 100
Radnor, Pennsylvania 19087-5283

Item 2(a) Name of Person Filing

Bonnie F. McCausland

Item 2(b) Address of Principal Business Office, or, if none, Residence

1113 Brynlawn Road Villanova, Pennsylvania 19085

Item 2(c) Citizenship

United States

Item 2(d) Title of Class of Securities

Common Stock , par value \$.01 per share

Item 2(e) CUSIP Number

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- (a) $_$ Broker or dealer registered under Section 15 of the Exchange Act;
- (b) __ Bank as defined in Section 3(a)(6) of the Exchange Act;
- (d) ___ Investment company registered under Section 8 of the Investment Company Act;
- (e) __ An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f) ___ An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);

- (g) $_$ A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h) $_$ A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i) ___ A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
- (j) $_$ Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4 Ownership

(a) and (b) Bonnie F. McCausland beneficially owned an aggregate of 10,249,561 shares of the issuer's Common Stock, or approximately 13.6% of the shares outstanding, as of December 31, 2004, of which 236,264 shares were issuable upon exercise of stock options.

(c) Bonnie F. McCausland had sole power to vote or to direct the vote, and sole power to dispose or to direct the disposition of, 1,500 shares of the issuer's Common Stock. Mrs. McCausland had shared power to vote or to direct the vote, and/or shared power to dispose or to direct the disposition of, 10,248,061 shares of the Common Stock, which included 236,264 shares issuable upon exercise of stock options held by a trust for Mrs. McCausland's children of which Mrs. McCausland is a co-trustee, and 41,542 shares held by a charitable foundation (the "Foundation") of which Mrs. McCausland is an officer and director.

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 $\label{tem.5.4} \mbox{ Ownership of Five Percent or Less of a Class}$

Not applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person

No other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the issuer's shares which are the subject of this Schedule 13G, except that, with respect to 10,206,519 shares, members of Mrs. McCausland's family share with Mrs. McCausland the right, and, with respect to 41,542 shares, the Foundation has the exclusive right, to receive the dividends from and the proceeds of sale as to such shares.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

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Not Applicable

Item	8	Identification and Classification of Members of the Group
		Not Applicable
Item	9	Notice of Dissolution of Group
		Not Applicable
Item	10	Certification

By signing below I certify that, to the best of my knowledge and belief , the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 14, 2005

Date

/s/ Bonnie F. McCausland

Bonnie F. McCausland