

MCCAUSLAND PETER  
Form 5  
May 14, 2010

# FORM 5

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
MCCAUSLAND PETER

2. Issuer Name and Ticker or Trading Symbol  
AIRGAS INC [ARG]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chairman, President and CEO

C/O AIRGAS, INC., 259 N. RADNOR-CHESTER ROAD, STE. 100

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
03/31/2010

6. Individual or Joint/Group Reporting

(check applicable line)

(Street)

4. If Amendment, Date Original Filed (Month/Day/Year)

RADNOR, PA 19087

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/01/2010	^	G	4,535 D	\$ (1) 6,231,725	D	^
Common Stock	02/17/2010	^	G	87,480 (2) A	\$ (1) 6,319,205	D	^
Common Stock	^	^	^	^ ^ ^	1,356,730 (3)	I	By trusts
Common	^	^	^	^ ^ ^	1,500 (4)	I	By



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- (3) Represents shares of Airgas, Inc. common stock held in six separate GRATs of which Peter McCausland is a co-trustee and either he or his spouse is a beneficiary.
- (4) Represents 1,500 shares of Airgas, Inc. common stock owned directly by his spouse and indirectly by Peter McCausland.

The information presented is as of 3/31/2010, the date of the latest available statement of the reporting person's holdings of Airgas, Inc. common stock in his 401(k) plan. Since 1/7/2010, the date of the statement relied upon for the amount reported on the reporting person's

- (5) Form 4 dated 1/8/2010, a total of 529 shares of common stock have been acquired in the reporting person's 401(k) plan through transactions exempt under Section 16(b).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.