

Stark Ronald J
 Form 3
 November 30, 2011

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

OMB APPROVAL

OMB Number: 3235-0104
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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 Stark Ronald J | | (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) | |
| | | | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| | | | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| | | | (give title below) (specify below) | <input type="checkbox"/> Form filed by More than One Reporting Person |
| | | | SVP - Sales & Marketing | |
| RADNOR,Â PAÂ 19087 | | | | |
| (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 | 4,832 ⁽¹⁾ | 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) | 05/08/2015 | Common Stock | 10,300 | \$ 43.62 | D | Â |
| Stock Option (Right to Buy) | Â (3) | 05/20/2016 | Common Stock | 11,000 | \$ 60.84 | D | Â |
| Stock Option (Right to Buy) | Â (4) | 05/19/2017 | Common Stock | 12,800 | \$ 43.06 | D | Â |
| Stock Option (Right to Buy) | Â (5) | 05/25/2018 | Common Stock | 12,100 | \$ 62.23 | D | Â |
| Stock Option (Right to Buy) | Â (6) | 05/17/2019 | Common Stock | 13,500 | \$ 66.5 | D | Â |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|-------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Stark Ronald J C/O AIRGAS, INC. 259 N. RADNOR-CHESTER ROAD, SUITE 100 RADNOR, PA 19087 | Â | Â | Â SVP - Sales & Marketing | Â |

Signatures

Robert H. Young, Jr., Attorney-in-Fact for Ronald J. Stark
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 1,557 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% annual increments on each of 5/8/2008, 5/8/2009, 5/8/2010 and 5/8/2011.
- (3) 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.
- (4) 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.
- (5) 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.
- (6) 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.