

SCHEDULE TO
(RULE 14d-100)

Tender Offer Statement Pursuant to Section 14(d)(1) or 13(e)(1) of
the Securities Exchange Act of 1934
(Amendment No. 2)

AIRGAS, INC.
(Name of Subject Company)

AIR PRODUCTS DISTRIBUTION, INC.
(Offeror)

AIR PRODUCTS AND CHEMICALS, INC.
(Parent of Offeror)
(Names of Filing Persons)

COMMON STOCK, \$0.01 PAR VALUE
(Title of Class of Securities)

009363102
(Cusip Number of Class of Securities)

John D. Stanley, Esq.
Senior Vice President and General Counsel
Air Products and Chemicals, Inc.
7201 Hamilton Boulevard
Allentown, PA 18195-1501
(610) 481-4911

(Name, Address and Telephone Number of Person Authorized to Receive Notices
and Communications on Behalf of Filing Persons)

Copies to:
James C. Woolery, Esq.
Cravath, Swaine & Moore
Worldwide Plaza
825 Eighth Avenue
New York, New York 10019-7475
(212) 474-1000

CALCULATION OF FILING FEE

Transaction Valuation*

\$4,963,777,380.00

Amount of Filing Fee**

\$353,917.33

* Estimated for purposes of calculating the amount of filing fee only. Transaction value derived by multiplying 82,729,623 (number of shares of common stock of subject company (which represents the number of shares issued and outstanding as of February 3, 2010, as reported in the subject company's Quarterly Report on Form 10-Q filed on February 8, 2010) by \$60.00 (the purchase price per share offered by Offeror).

** The filing fee was calculated in accordance with Rule 0-11 under the Securities Exchange Act of 1934 and Fee Rate Advisory #4 for fiscal year 2010, issued December 17, 2009, by multiplying the transaction value by .00007130.

- Check box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

Amount Previously Paid: \$353,917.33 Filing Party: Air Products Distribution, Inc./Air Products and Chemicals, Inc.

Form or Registration No.: Schedule TO Date Filed: February 11, 2010

- Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- third-party tender offer subject to Rule 14d-1.
 issuer tender offer subject to Rule 13e-4.
 going-private transaction subject to Rule 13e-3.
 amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer.

If applicable, check the appropriate box(es) below to designate the appropriate rule provision(s) relied upon:

- Rule 13e-4(i) (Cross-Border Issuer Tender Offer)
 Rule 14d-1(d) (Cross-Border Third-Party Tender Offer)
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This Amendment No. 2 to the Tender Offer Statement on Schedule TO amends and supplements the Tender Offer Statement on Schedule TO filed with the Securities and Exchange Commission on February 11, 2010 (together with any amendments and supplements thereto, the "Schedule TO") by Air Products and Chemicals, Inc., a Delaware corporation ("Air Products"), and Air Products Distribution, Inc. (the "Purchaser"), a Delaware corporation and a wholly owned subsidiary of Air Products. The Schedule TO relates to the offer by the Purchaser to purchase all outstanding shares of common stock, par value \$0.01 per share (together with the associated preferred stock purchase rights, the "Shares"), of Airgas, Inc., a Delaware corporation ("Airgas"), at \$60.00 per Share, net to the seller in cash, without interest and less any required withholding taxes, upon the terms and subject to the conditions set forth in the Offer to Purchase, dated February 11, 2010 (together with any amendments and supplements thereto, the "Offer to Purchase"), and in the related Letter of Transmittal (which, together with any amendments and supplements thereto, collectively constitute the "Offer").

Item 5

Item 5 of the Schedule TO is hereby amended and supplemented as follows:

On March 11, 2010, Air Products sent a letter to Mr. Lee M. Thomas, an independent director of Airgas and the Chair of the Governance and Compensation Committee of the Airgas Board. The full text of the letter is set forth below.

11 March 2010

Mr. Lee M. Thomas
Chair, Governance and Compensation Committee
Board of Directors
Airgas, Inc.
259 North Radnor-Chester Road, Suite 100
Radnor, PA 19087-5283

Dear Mr. Thomas:

We continue to believe that it is in the best interests of Airgas, Inc.'s shareholders for Air Products and Airgas to meet to discuss the merits of our outstanding offer to acquire Airgas's common stock for \$60.00 per share in cash. While you have repeatedly declined our invitations to meet, we believe a frank, private exchange of views is far superior to the expense and delay inherent in the current public process around our offer. We hope that you will reconsider your position regarding our invitation to meet.

If you do not agree with us that a meeting would advance the interests of your shareholders, we request that you act now to establish a process that will permit your shareholders to consider our offer in a manner that is consistent with their rights and with your and our respective obligations of good corporate governance.

Fundamentally, shareholders are entitled to know when they will be permitted to vote for directors who support or oppose our offer. Shareholders are also entitled to know that their votes will have meaning. Accordingly, Airgas's Board of Directors should agree to hold the 2010 annual shareholder meeting no later than August 18, 2010 (the one year anniversary of the 2009 annual shareholder meeting). The Board should also agree that if a director is nominated by the Board, but not elected by shareholders at the 2010 annual meeting, the Board will not reappoint that former director to the Board for at least three years, when the relevant class is next up for election.

We think it would benefit the shareholders of both companies to address these issues up front by agreement rather than through the expensive and distracting process of seeking resolution in the Delaware courts. We are confident that a fair shareholder process is of paramount importance to you. We look forward to your agreement and request the courtesy of a reply by March 18, 2010.

Very truly yours,

/s/ John E. McGlade

cc: Airgas, Inc. Board of Directors

SIGNATURE

After due 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.

Dated: March 12, 2010

AIR PRODUCTS AND CHEMICALS, INC.

By: /s/ John D. Stanley

Name: John D. Stanley

Title: Senior Vice President and General Counsel

AIR PRODUCTS DISTRIBUTION, INC.

By: /s/ John D. Stanley

Name: John D. Stanley

Title: Secretary

EXHIBIT INDEX

Index No.

(a)(1)(i)	Offer to Purchase dated February 11, 2010.*
(a)(1)(ii)	Form of Letter of Transmittal.*
(a)(1)(iii)	Form of Notice of Guaranteed Delivery.*
(a)(1)(iv)	Form of Letter to Brokers, Dealers, Commercial Banks, Trust Companies and Other Nominees.*
(a)(1)(v)	Form of Letter to Clients for use by Brokers, Dealers, Commercial Banks, Trust Companies and Other Nominees.*
(a)(1)(vi)	Guidelines for Certification of Taxpayer Identification Number on Substitute Form W-9.*
(a)(1)(vii)	Form of summary advertisement dated February 11, 2010.*
(a)(5)(i)	Text of press release issued by Air Products, dated February 5, 2010.*
(a)(5)(ii)	Text of press release issued by Air Products, dated February 11, 2010.*
(a)(5)(iii)	Text of message from John McGlade, dated February 12, 2010 (incorporated by reference to the Schedule 14A filed with the SEC by Air Products and Chemicals, Inc. and Air Products Distribution, Inc. on February 12, 2010).*
(a)(5)(iv)	Transcript of John McGlade and Paul Huck's presentation at the Barclays 2nd Annual Industrial Select Conference, dated February 17, 2010 (incorporated by reference to the Schedule 14A filed with the SEC by Air Products and Chemicals, Inc. and Air Products Distribution, Inc. on February 18, 2010).*
(a)(5)(v)	Text of press release issued by Air Products, dated February 22, 2010 (incorporated by reference to the Schedule 14A filed with the SEC by Air Products and Chemicals, Inc. and Air Products Distribution, Inc. on February 22, 2010).*
(a)(5)(vi)	Presentation of Paul Huck at the Morgan Stanley Global Basic Materials Conference, dated February 25, 2010 (incorporated by reference to the Schedule 14A filed with the SEC by Air Products and Chemicals, Inc. and Air Products Distribution, Inc. on February 25, 2010).*
(a)(5)(vii)	Transcript of Paul Huck's presentation at the Morgan Stanley Global Basic Materials Conference, dated February 25, 2010 (incorporated by reference to the Schedule 14A filed with the SEC by Air Products and Chemicals, Inc. and Air Products Distribution, Inc. on March 2, 2010).*
(a)(5)(viii)	Text of message from John McGlade, dated March 5, 2010 (incorporated by reference to the Schedule 14A filed with the SEC by Air Products and Chemicals, Inc. and Air Products Distribution, Inc. on March 5, 2010).*
(a)(5)(ix)	Text of press release issued by Air Products, dated March 5, 2010 (incorporated by reference to the Schedule 14A filed with the SEC by Air Products and Chemicals, Inc. and Air Products Distribution, Inc. on March 5, 2010).*
(b)(1)	Commitment letter described in Section 10, "Source and Amount of Funds" of the Offer to Purchase.*
(b)(2)	Amended and Restated Commitment Letter dated March 3, 2010 among Air Products and Chemicals, Inc., JPMorgan Chase Bank, N.A. and J.P. Morgan Securities Inc.*
(b)(3)	Accession Letter dated March 3, 2010 among Air Products and Chemicals, Inc., The Royal Bank of Scotland plc and RBS Securities Inc.*
(b)(4)	Accession Letter dated March 3, 2010 among Air Products and Chemicals, Inc., Deutsche Bank AG Cayman Island Branch and Deutsche Bank Securities Inc.*
(b)(5)	Accession Letter dated March 3, 2010 among Air Products and Chemicals, Inc., BNP Paribas and BNP Paribas Securities Corp.*
(b)(6)	Accession Letter dated March 3, 2010 among Air Products and Chemicals, Inc., HSBC Securities (USA) Inc. and HSBC Bank USA, N.A.*
(b)(7)	Accession Letter dated March 3, 2010 between Air Products and Chemicals, Inc. and The Bank of Tokyo-Mitsubishi UFJ, Ltd.*
(d)	Not applicable.
(g)	Not applicable.
(h)	Not applicable.

* Previously filed