

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

AIR PRODUCTS AND CHEMICALS, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
Incorporation or Organization)

23-1274455
(I.R.S. Employer
Identification Number)

7201 Hamilton Boulevard
Allentown, Pennsylvania 18195-1501
Telephone: (610) 481-4911

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

John D. Stanley, Esq.
Senior Vice President, General Counsel, and Chief Administrative Officer
AIR PRODUCTS AND CHEMICALS, INC.
7201 HAMILTON BOULEVARD
ALLENTOWN, PENNSYLVANIA 18195-1501
Telephone: (610) 481-4911

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Approximate date of commencement of proposed sale to public: From time to time after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933 (the "Securities Act"), other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act (Check one):

Large accelerated filer Accelerated filer
Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered/Proposed maximum offering price per unit/Proposed maximum aggregate offering price/Amount of registration fee (1) (2) (3)
Senior Debt Securities	
Preferred Stock	
Depositary Shares	
Common Stock	
Warrants	

- (1) An indeterminate aggregate initial offering price or number of the securities of each identified class is being registered as may from time to time be issued at indeterminate prices. Separate consideration may or may not be received for securities that are issuable on exercise, conversion or exchange of other securities.
- (2) In accordance with Rules 456(b) and 457(r), the registrant is deferring payment of all registration fees.
- (3) Any securities registered hereunder may be sold separately or as units with other securities registered hereunder.

AIR PRODUCTS AND CHEMICALS, INC.

**SENIOR DEBT SECURITIES
PREFERRED STOCK
DEPOSITARY SHARES
COMMON STOCK
WARRANTS**

Investing in these securities involves certain risks. See “Item 1A — Risk Factors” beginning on page 9 of Air Products and Chemicals, Inc.’s Annual Report on Form 10-K for the fiscal year ended September 30, 2014, which is incorporated by reference herein.

We may offer these securities in one or more offerings. We will provide the specific terms of these securities in supplements to this prospectus. You should read this prospectus and any supplement carefully before you invest.

Our common stock is listed on the New York Stock Exchange under the symbol APD.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR PASSED UPON THE ACCURACY OR ADEQUACY OF THE DISCLOSURES IN THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

The date of this prospectus is November 24, 2014

[Table of Contents](#)

TABLE OF CONTENTS

WHERE YOU CAN FIND MORE INFORMATION	1
THE COMPANY	1
RATIOS OF EARNINGS TO FIXED CHARGES	2
USE OF PROCEEDS	2
DESCRIPTION OF SECURITIES	3
PLAN OF DISTRIBUTION	16
LEGAL OPINIONS	17
EXPERTS	17

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the Securities and Exchange Commission (“SEC” or the “Commission”). You may read and copy any document we file at the SEC’s Public Reference Room, 450 Fifth Street, N.W., Washington, D.C. 20549. You may call the SEC at 1-800-SEC-0330 for further information on the SEC’s Public Reference Room. You may also access our SEC filings at the SEC’s web site at <http://www.sec.gov>.

The SEC allows us to “incorporate by reference” into this prospectus the information we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and their amendments, except information furnished under Item 2.02 or Item 7.01 of Form 8-K, which is neither deemed filed nor incorporated by reference herein and any future filings made with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 until this offering is completed:

- Our Annual Report on Form 10-K for the fiscal year ended September 30, 2014, filed with the SEC on November 24, 2014;
- Our Current Report on Form 8-K dated November 21, 2014 and filed on November 21, 2014; and
- The description of our common stock in Exhibit 99.1 to our Annual Report on Form 10-K for the fiscal year ended September 30, 2014, filed with the SEC on November 24, 2014.

You may request a copy of these filings at no cost, by writing to or telephoning us at:

Corporate Secretary’s Office
Air Products and Chemicals, Inc.
7201 Hamilton Boulevard
Allentown, Pennsylvania 18195-1501
Telephone: (610) 481-4911

You should rely only on the information incorporated by reference or provided in this prospectus or the accompanying prospectus supplement. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information in this prospectus, any prospectus supplement or any document which we incorporate by reference is accurate as of any date other than the date on its cover.

THE COMPANY

Air Products and Chemicals, Inc. is a Delaware corporation originally founded in 1940. We serve energy, electronics, chemicals, metals and manufacturing customers globally with a unique portfolio of products, services and solutions that include atmospheric gases, process and specialty gases, performance materials, equipment and services. We are the world’s largest supplier of hydrogen and helium and have built leading positions in growth markets such as refinery hydrogen, semiconductor materials, natural gas liquefaction, and advanced coatings and adhesives. As used in this prospectus, unless the context indicates otherwise, the terms “we,” “our,” “us,” the “Company,” or “registrant” include controlled subsidiaries and predecessors of the registrant and its subsidiaries.

RATIOS OF EARNINGS TO FIXED CHARGES

	<u>2010</u>	<u>YEAR ENDED SEPTEMBER 30,</u>			<u>2014</u>
	<u>8.8</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>8.0</u>
Ratio of earnings to fixed charges	8.8	10.3	8.0	7.7	8.0

The ratio of earnings to fixed charges is determined by dividing adjusted earnings, which includes income from continuing operations before taxes, undistributed earnings of less-than-fifty-percent-owned affiliates, fixed charges (excluding capitalized interest), capitalized interest amortized during the period and noncontrolling interest in pre-tax income of subsidiaries that have not incurred fixed charges, by fixed charges. Fixed charges consist of interest on all indebtedness plus that portion of operating lease rentals representative of the interest factor (deemed to be 21% of operating lease rentals).

USE OF PROCEEDS

Unless otherwise specified in the applicable prospectus supplement, the net proceeds we receive from the sale of the securities offered by this prospectus and the accompanying prospectus supplement will be used for general corporate purposes. General corporate purposes may include the repayment of debt, investments in or extensions of credit to our subsidiaries, redemption of common stock or preferred stock and the financing of possible acquisitions or business expansion. The net proceeds may be invested temporarily or applied to repay short-term debt until they are used for their stated purpose.

DESCRIPTION OF SECURITIES

Senior Debt Securities

The following description of the terms of the debt securities sets forth general terms that may apply to the debt securities. The particular terms of any debt securities will be described in the prospectus supplement relating to those debt securities.

The debt securities will be our senior debt securities. The debt securities will be issued under an indenture dated as of January 10, 1995, between us and The Bank of New York Mellon Trust Company, N.A. as successor to U.S. Bank National Association (formerly, Wachovia Bank, National Association and initially First Fidelity Bank, National Association), as trustee (the "Indenture"). The Indenture is subject to and governed by the Trust Indenture Act of 1939, as amended.

The following is a summary of the most important provisions of the Indenture. A copy of the Indenture is an exhibit to the registration statement of which this prospectus is a part. Section references below are to the section in the Indenture. The referenced sections of the Indenture are incorporated by reference.

General

The Indenture does not limit the amount of debt securities that we may issue. The Indenture provides that debt securities may be issued up to the principal amount authorized by us from time to time. The debt securities will be unsecured and will have the same rank as all of our other unsecured and unsubordinated debt.

The debt securities may be issued in one or more separate series. The prospectus supplement relating to the particular series of debt securities being offered will specify the particular amounts, prices and terms of those debt securities. These terms may include:

- the title of the debt securities;
- any limit upon the aggregate principal amount issued;
- the maturity date or dates, or the method of determining the maturity dates;
- the interest rate or rates, or the method of determining those rates;
- the interest payment dates and the regular record dates;
- the places where payments may be made;
- any mandatory or optional redemption provisions;
- any sinking fund or analogous provisions;
- the portion of principal amount of the debt security payable upon acceleration of maturity if other than the full principal amount;
- any deletions of, or changes or additions to, the events of default or covenants;
- the form of the debt securities;
- if other than U.S. dollars, the currency or currencies, including composite currencies, in which payments on the debt securities will be payable and whether we or a holder may elect payment to be made in a different currency;
- the method of determining the amount of any payments on the debt securities which are linked to an index;

Table of Contents

- whether the debt securities will be issued in the form of one or more global securities in temporary or definitive form;
- any terms relating to the delivery of the debt securities if they are to be issued upon the exercise of warrants;
- whether and on what terms we will pay additional amounts to holders of the debt securities that are not U.S. persons in respect of any tax, assessment or governmental charge withheld or deducted and, if so, whether and on what terms we will have the option to redeem the debt securities rather than pay the additional amounts;
- any conversion or exchange provisions;
- any terms for the attachment to the debt securities of warrants, options or other rights to purchase or sell our securities;
- any special United States Federal income tax or other considerations with respect to the debt securities; and
- any other specific terms of the debt securities.

(Section 2.3)

Unless otherwise specified in the prospectus supplement, debt securities denominated in U.S. dollars will be issued in denominations of \$1,000 or an integral multiple of \$1,000. (Section 2.8)

We may issue some of the debt securities as original issue discount debt securities. Original issue discount securities bear no interest or bear interest at below-market rates and will be sold at a discount below their stated principal amount.

Certain Covenants of the Company

Limitation on Liens — Subject to the exceptions set forth below under “Exempted Indebtedness,” we covenant that we will not create or assume, nor will we permit any Restricted Subsidiary (as hereinafter defined) to create or assume, any,

- mortgage
- security interest,
- pledge, or
- lien

(together, we refer to these transactions as “liens”) of or upon any Principal Property (as defined below) or shares of capital stock or indebtedness of any Restricted Subsidiary, whether owned at the date of the Indenture or thereafter acquired, without equally and ratably securing the outstanding debt securities. This restriction will not apply to certain permitted liens, including the following:

- (i) liens on any Principal Property (including any underlying real estate) which are created or assumed contemporaneously with, or within 120 days after (or in the case of any such Principal Property which is being financed on the basis of long-term contracts or similar financing arrangements for which a firm commitment is made by one or more banks, insurance companies or other lenders or investors (not including us or any Restricted Subsidiary), then within 360 days after), the completion of the acquisition, construction or improvement of such Principal Property to secure or provide for the payment of any part of the purchase price of such property or the cost of such construction or improvement, or liens on any Principal Property existing at the time of acquisition thereof;

Table of Contents

- (ii) liens on property or shares of capital stock or indebtedness of a corporation existing at the time such corporation is merged into or consolidated with us or a Restricted Subsidiary or at the time of a sale, lease or other disposition of the properties of a corporation substantially as an entirety to us or a Restricted Subsidiary;
- (iii) liens on property or shares of capital stock or indebtedness of a corporation existing at the time such corporation becomes a Restricted Subsidiary;
- (iv) liens to secure indebtedness of a Restricted Subsidiary to us or to another Restricted Subsidiary, but only so long as such indebtedness is held by us or a Restricted Subsidiary;
- (v) liens in favor of the United States of America or any State thereof, or any department, agency or political subdivision of the United States of America or any State thereof, to secure certain payments pursuant to any contract or statute, including liens to secure indebtedness of the pollution control or industrial revenue bond type, or to secure indebtedness incurred for the purpose of financing all or any part of the purchase price or cost of constructing or improving property subject to such liens;
- (vi) liens in favor of any customer arising in respect of certain payments made by or on behalf of such customer for goods produced for or services rendered to such customer in the ordinary course of business not exceeding the amount of such payments;
- (vii) liens to extend, renew or replace in whole or in part any lien referred to in the foregoing clauses (i) to (vi), or in this clause (vii), or any lien created prior to and existing on the date of the Indenture, provided that the principal amount of indebtedness secured thereby shall not exceed the principal amount of indebtedness so secured at the time of such extension, renewal or replacement, and that such extension, renewal or replacement shall be limited to all or a part of the property subject to the lien so extended, renewed or replaced (plus improvements on such property); and
- (viii) certain statutory liens, liens for taxes and certain other liens.

(Section 3.6)

Limitations on Sale and Lease-Back Transactions — Subject to the exceptions set forth below under “Exempted Indebtedness,” sale and lease-back transactions by us or any Restricted Subsidiary of any Principal Property which has been owned and operated by us or a Restricted Subsidiary for more than 120 days are prohibited unless

- (i) the property involved is property which could be the subject of a lien without equally and ratably securing the debt securities;
- (ii) an amount equal to the Attributable Debt (as hereinafter defined) of any such sale and lease-back transaction is applied to the acquisition of another Principal Property of equal or greater fair market value or to retirement of indebtedness for borrowed money (including the securities) which by its terms matures on or is renewable at the option of the obligor to a date more than twelve months after the creation of such indebtedness; or
- (iii) the lease involved is for a term (including renewals) of not more than three years.

(Section 3.7)

Exempted Indebtedness — Either we or a Restricted Subsidiary may create or assume liens and enter into sale and lease-back transactions, notwithstanding the limitations outlined above, provided that at the time thereof and after giving effect thereto the aggregate amount of indebtedness secured by all such liens and Attributable Debt of all such sale and lease-back transactions outstanding shall not exceed 5% of Consolidated Net Tangible Assets (as hereinafter defined). (Section 3.8)

[Table of Contents](#)

Limitations on Mergers, Consolidations and Sales of Assets — If, upon our consolidation or merger with or into any other corporation, or upon any sale, conveyance or lease of substantially all our properties, any Principal Property would become subject to any lien, we, prior to such event, will secure the debt securities equally and ratably with any of our other obligations then entitled thereto by a direct lien on all such Principal Property prior to all other liens other than any theretofore existing thereon. (Section 3.9)

Certain Definitions

The term “Restricted Subsidiary” means any Subsidiary

- (a) substantially all the property of which is located, or substantially all the business of which is carried on, within the United States of America and
- (b) which owns or leases a Principal Property.

The term “Principal Property” means any manufacturing plant, research facility or warehouse owned or leased by us or any of our subsidiaries which is located within the United States and has a net book value exceeding the greater of \$5,000,000 and 1% of the shareholders’ equity of our company and our consolidated subsidiaries, excluding any property which the board of directors by resolution declares is not of material importance to our total business as consolidated with the business of our subsidiaries.

The term “Attributable Debt” means the present value (discounted as provided in the senior indenture) of the obligation of a lessee for required rental payments for the remaining term of any lease.

The term “Consolidated Net Tangible Assets” means at any time the total of all assets appearing on the most recent consolidated balance sheet of our company and our consolidated subsidiaries, prepared in accordance with generally accepted accounting principles, at our and their net book values (after deducting related depreciation, depletion, amortization and all other valuation reserves which, in accordance with such principles, are set aside in connection with the business conducted), but excluding goodwill, trademarks, patents, unamortized debt discount and all other like segregated intangible assets, and amounts on the asset side of such balance sheet for our capital stock, all as determined in accordance with such principles, less Consolidated Current Liabilities.

The term “Consolidated Current Liabilities” means the aggregate of the current liabilities of us and our consolidated subsidiaries appearing on the consolidated balance sheet of our company and our consolidated subsidiaries, all as determined in accordance with generally accepted accounting principles.

(Section 1.1)

Other than the restrictions on liens and sale and lease-back transactions described above, neither the Indenture nor the debt securities afford you protection in the event of a highly leveraged transaction involving us or any of our subsidiaries, including any takeover, recapitalization or other restructuring that may result in a sudden and significant decline in credit rating.

Events of Default, Waiver and Notice

As to any series of securities, an “event of default” is defined in the Indenture as being any of the following events:

- (i) default for 30 days in the payment of any interest on the securities of such series;
- (ii) default in the payment of principal or premium due on the securities of any series;
- (iii) default in the payment of any sinking fund installment on the securities of such series, when due;

Table of Contents

- (iv) our default for 90 days in the performance of any other of the covenants or agreements in the Indenture (other than those set forth exclusively in the terms of any other series of securities);
- (v) certain events of bankruptcy, insolvency and reorganization of our company; or
- (vi) any other events as may be established in any applicable supplement.

(Section 5.1)

No event of default with respect to any particular series of securities necessarily constitutes an event of default with respect to any other series of securities. (Section 5.11)

The trustee must give notice of a default to the holders of the series of debt securities on which the default exists within 90 days unless the default is cured or waived. However, the trustee may withhold this notice if the trustee considers it in the interest of the holders of securities of such series to do so. The trustee may not withhold notice in the event of a payment default with regard to principal, interest or a sinking fund. (Section 5.11)

If an event of default has occurred and is continuing:

- and the event of default is as described in clause (i), (ii) or (iii) above, either the trustee or the holders of 25% in principal amount of the securities of such series then outstanding may declare the principal (or, in the case of discounted securities, the amount specified in the terms thereof) of all such securities to be due and payable immediately.
- and the event of default is as described in clause (iv) or (v) above, either the trustee or the holders of not less than 25% in principal amount of all affected securities, voting as a single class, may declare the principal (or, in the case of discounted securities, the amount specified in the terms thereof) of all securities to be due and payable immediately.

However, upon certain conditions, past defaults of the type described in clause (iv) or (v) above may be waived by the holders of a majority in principal amount of the affected securities then outstanding, except for defaults in

- the payment of principal of, or any premium or interest on, such securities or
- with respect to any covenant or provision which may not be amended without the approval of each holder affected.

(Sections 5.1 and 5.10)

The holders of a majority in principal amount of the securities of each series affected, voting as a separate class, may direct the time, method and place of conducting any proceeding for any remedy available to the trustee under the Indenture, subject to certain limitations specified in the Indenture, provided that the holders of securities shall have offered to the trustee reasonable indemnity against costs, expenses and liabilities. (Sections 5.9 and 6.2(d)) We must certify to the trustee on a yearly basis as to the absence of certain defaults. (Section 3.5)

Modification of the Indenture

Together with the trustee, and subject to the consent of the holders of at least 66 2/3% of the outstanding principal amount of the outstanding debt securities of all affected series, we may modify the Indenture or any supplement to the Indenture. Without the consent of each affected holder, we may not:

- (i) extend the final maturity of any security;
- (ii) reduce the principal amount or rate of interest of any security;
- (iii) extend the time of payment of interest of any security;
- (iv) reduce the amount payable upon the redemption of any security;

Table of Contents

- (v) reduce the amount of the principal of a discounted security payable upon acceleration of the maturity of the security or in the event of bankruptcy;
- (vi) impair the right to institute suit to enforce payment or repayment; or
- (vii) change the provisions in the indenture that relate to its modification or amendment.

(Section 8.2)

Concerning the Trustee

The Bank of New York Mellon Trust Company, N.A., the trustee under the Indenture, also performs certain cash management services for, and has provided in the past, and may provide in the future, certain credit facilities to, us in the normal course of business.

Defeasance of the Indenture and Securities

We may, at any time, satisfy our obligations with respect to any payments of principal, premium or interest of any security or securities of any series by depositing in trust with the trustee:

(a) money (in the currency in which the securities are payable),

(b) in the case of securities denominated in U.S. dollars, U.S. Government Obligations (as defined in the Indenture), or a combination of U.S. Government Obligations and money, or

(c) in the case of securities denominated in a foreign currency, Foreign Government Securities (as defined in the Indenture) or a combination of Foreign Government Securities and money.

If the deposit is sufficient to make all payments of interest, principal and premium when due, our obligations with respect to such securities will be discharged and terminated (except as to certain of our obligations to the trustee), and you will be able to look only to the trust fund for any payment of principal, premium and interest on securities of such series until maturity or redemption. (Article Ten)

Under United States Federal income tax law, any deposit as described just above is viewed as a taxable exchange of the securities deposited in the trust for interests in, or for an instrument representing indebtedness of, the trust. Accordingly, at such time as we may elect to deposit securities in a trust as described above, you would be required to recognize taxable gain or loss as if the securities had been sold for an amount equal to the sum of the amount of money and the fair market value of the securities held in the trust (or, alternatively, the value of the instrument). You then may be required to include in taxable income your share of the income, gain and loss of the trust.

Alternatively, the trust might be considered a separate taxable entity, in which case you might also be taxable on original issue discount as well as interest on the instrument. You should consult your own advisors with respect to the more detailed tax consequences of such deposit and discharge, including possible liabilities with regard to tax laws other than United States Federal income tax law.

Global Securities

We may issue the debt securities of a series in whole or in part in the form of one or more global certificates that will be deposited with a depository we will identify in a prospectus supplement. We will describe the specific terms of the depository arrangement with respect to a series of debt securities in the accompanying prospectus supplement.

[Table of Contents](#)

Upon the issuance of a global security, the depositary will credit, on its book-entry registration and transfer system, the respective principal amounts of that global security to the accounts of participants in the depositary. Ownership of beneficial interests in a global security will be limited to participants or persons that hold interests through participants.

So long as the depositary for a global security, or its nominee, is the registered owner of the global security, the depositary or its nominee, as the case may be, will be considered the sole owner or holder of the securities represented by that global security. Except as provided in the Indenture, owners of beneficial interests in securities represented by a global security will not

- (a) be entitled to have such securities registered in their names,
- (b) receive or be entitled to receive physical delivery of certificates representing such securities in definitive form,
- (c) be considered the owners or holders thereof under the Indenture or
- (d) have any rights under the Indenture.

We may, in our sole discretion, at any time determine that any series of securities issued or issuable in the form of a global security shall no longer be represented by such global security and such global security shall be exchanged for securities in definitive form pursuant to the Indenture.

(Section 2.14)

Preferred Stock

The following is a description of general terms and provisions of the preferred stock. The particular terms of any series of preferred stock will be described in the applicable prospectus supplement.

All of the terms of the preferred stock are, or will be, contained in our Restated Certificate of Incorporation, as amended, and the certificate of amendment relating to each series of the preferred stock, which will be filed with the SEC at or prior to the time of issuance of the series of the preferred stock.

We are authorized to issue up to 25,000,000 shares of preferred stock, par value \$1.00 per share. As of October 31, 2014, no shares of preferred stock were outstanding. Subject to limitations prescribed by law, the board of directors is authorized at any time to issue one or more series of preferred stock.

The board of directors is authorized to determine, for each series of preferred stock, and the prospectus supplement will set forth with respect to the series the following information:

- the designation for any series by number, letter or title that shall distinguish the series from any other series of preferred stock;
- the number of shares in any series;
- whether dividends on that series of preferred stock will be cumulative;
- the dividend rate (or method for determining the rate);
- any liquidation preference per share of that series of preferred stock;
- any conversion provisions applicable to that series of preferred stock;
- any redemption or sinking fund provisions applicable to that series of preferred stock;
- any voting rights of that series of preferred stock; and
- the terms of any other preferences or rights applicable to that series of preferred stock.

The preferred stock, when issued, will be fully paid and non-assessable.

[Table of Contents](#)

Dividends

Holders of preferred stock will be entitled to receive, when, as and if declared by the board of directors, cash dividends at the rates and on the dates as set forth in the prospectus supplement. Generally, no dividends will be declared or paid on any series of preferred stock unless full dividends for all series of preferred stock, including any cumulative dividends still owing, have been or contemporaneously are declared and paid. When those dividends are not paid in full, dividends will be declared pro-rata so that the amount of dividends declared per share on each series of preferred stock will bear to each other series the same ratio that accrued dividends per share for each respective series of preferred stock bear to aggregate accrued dividends for all outstanding shares of preferred stock. In addition, generally, unless all dividends on the preferred stock have been paid, no dividends will be declared or paid on the common stock and we may not redeem or purchase any common stock.

Payment of dividends on any series of preferred stock may be restricted by loan agreements, indentures and other transactions we may enter into.

Liquidation

If we voluntarily or involuntarily liquidate, dissolve or wind up our affairs, the holders of each series of preferred stock will be entitled to receive the liquidation preference per share specified in the prospectus supplement plus any accrued and unpaid dividends. Holders of preferred stock will be entitled to receive these amounts before any distribution is made to the holders of common stock. If the amounts payable with respect to preferred stock are not paid in full, the holders of preferred stock will share ratably in any distribution of assets based upon the aggregate liquidation preference for all outstanding shares for each series. After the holders of shares of preferred stock are paid in full, they will have no right or claim to any of our remaining assets.

Neither the par value nor the liquidation preference is indicative of the price at which the preferred stock will actually trade on or after the date of issuance.

Voting

Generally, the holders of preferred stock will not be entitled to vote except as set forth in the prospectus supplement, the Restated Certificate of Incorporation, as amended, or certificate of amendment or as otherwise required by law.

No Other Rights

The shares of a series of preferred stock will not have any preemptive rights, preferences, voting powers or relative, participating, optional or other special rights except as set forth in the prospectus supplement, the Restated Certificate of Incorporation, as amended, or certificate of amendment or as otherwise required by law.

Transfer Agent and Registrar

The transfer agent for each series of preferred stock will be designated in the prospectus supplement.

Depository Shares

We may, at our option, elect to offer fractional shares of preferred stock, rather than full shares of preferred stock. If we do, we will issue to the public receipts for depository shares and each of these depository shares will represent a fraction of a share of a particular series of preferred stock. Each owner of a depository share will be entitled, in proportion to the applicable fractional interest in shares of preferred stock underlying that depository share, to all rights and preferences of the preferred stock underlying that depository share. Those rights include dividend, voting, redemption and liquidation rights.

[Table of Contents](#)

The shares of preferred stock underlying the depositary shares will be deposited with a depositary under a deposit agreement between us, the depositary and the holders of the depositary receipts evidencing the depositary shares. The depositary will be a bank or trust company selected by us. The depositary will also act as the transfer agent, registrar and dividend disbursing agent for the depositary shares.

Holders of depositary receipts agree to be bound by the deposit agreement, which requires holders to take certain actions such as filing proof of residence and paying certain charges.

The following is a summary of the most important terms of the depositary shares. The deposit agreement, our Restated Certificate of Incorporation, as amended, and the certificate of amendment for the applicable series of preferred stock that are, or will be, filed with the SEC will set forth all of the terms relating to the depositary shares.

Dividends

The depositary will distribute all cash dividends or other cash distributions received in respect of the series of preferred stock underlying the depositary shares to the record holders of depositary receipts in proportion to the number of depositary shares owned by those holders on the relevant record date. The record date for the depositary shares will be the same date as the record date for the preferred stock.

In the event of a distribution other than in cash, the depositary will distribute property received by it to the record holders of depositary receipts that are entitled to receive the distribution. However, if the depositary determines that it is not feasible to make the distribution, the depositary may, with our approval, adopt another method for the distribution.

The method may include selling the property and distributing the net proceeds to the holders.

Liquidation Preference

In the event of our voluntary or involuntary liquidation, dissolution or winding up, the holders of each depositary share will be entitled to receive the fraction of the liquidation preference accorded each share of the applicable series of preferred stock, as set forth in the applicable prospectus supplement.

Redemption

If a series of preferred stock underlying the depositary shares is subject to redemption, the depositary shares will be redeemed from the proceeds received by the depositary resulting from the redemption, in whole or in part, of preferred stock held by the depositary. Whenever we redeem any preferred stock held by the depositary, the depositary will redeem, as of the same redemption date, the number of depositary shares representing the preferred stock so redeemed. The depositary will mail the notice of redemption to the record holders of the depositary receipts promptly upon receiving the notice from us and not less than 35 nor more than 60 days prior to the date fixed for redemption of the preferred stock and the depositary shares.

Voting

Upon receipt of notice of any meeting at which the holders of preferred stock are entitled to vote, the depositary will mail the information contained in the notice of meeting to the record holders of the depositary receipts underlying the preferred stock. Each record holder of those depositary receipts on the record date will be entitled to instruct the depositary as to the exercise of the voting rights pertaining to the amount of preferred stock underlying that holder's depositary shares. The record date for the depositary shares will be the same date as the record date for the preferred stock. The depositary will try, as far as practicable, to vote the preferred stock underlying the depositary shares in accordance with the instructions of the holders of the depositary receipts. We

[Table of Contents](#)

will agree to take all action which may be deemed necessary by the depositary in order to enable the depositary to do so. The depositary will not vote the preferred stock to the extent that it does not receive specific instructions from the holders of depositary receipts.

Withdrawal of Preferred Stock

Owners of depositary shares are entitled, upon surrender of depositary receipts at the principal office of the depositary and payment of any unpaid amount due the depositary, to receive the number of whole shares of preferred stock underlying the depositary shares. Partial shares of preferred stock will not be issued. These holders of preferred stock will not be entitled to deposit the shares under the deposit agreement or to receive depositary receipts evidencing depositary shares for the preferred stock.

Amendment and Termination of Deposit Agreement

The form of depositary receipt evidencing the depositary shares and any provision of the deposit agreement may be amended at any time and from time to time by agreement between us and the depositary. However, any amendment which materially and adversely alters the rights of the holders of depositary shares, other than any change in fees, will not be effective unless the amendment has been approved by at least a majority of the depositary shares then outstanding. The deposit agreement may be terminated by us or the depositary only if:

- all outstanding depositary shares have been redeemed or
- there has been a final distribution in respect of the preferred stock in connection with our dissolution and such distribution has been made to all the holders of depositary shares.

Charges of Depositary

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the depositary arrangements. We will also pay charges of the depositary in connection with the initial deposit of the preferred stock and the initial issuance of the depositary shares, any redemption of the preferred stock and all withdrawals of preferred stock by owners of depositary shares. Holders of depositary receipts will pay transfer, income and other taxes and governmental charges and certain other charges as provided in the deposit agreement to be for their accounts. In certain circumstances, the depositary may refuse to transfer depositary shares, may withhold dividends and distributions and sell the depositary shares evidenced by the depositary receipt if the charges are not paid.

Reports to Holders

The depositary will forward to the holders of depositary receipts all reports and communications we deliver to the depositary that we are required to furnish to the holders of the preferred stock. In addition, the depositary will make available for inspection by holders of depositary receipts at the principal office of the depositary, and at other places as it may from time to time deem advisable, any reports and communications we deliver to the depositary as the holder of preferred stock.

Liability and Legal Proceedings

Neither we nor the depositary will be liable if either of us are prevented or delayed by law or any circumstance beyond our control in performing our respective obligations under the deposit agreement. Our obligations and those of the depositary will be limited to performance in good faith of our respective duties under the deposit agreement. Neither we nor the depositary will be obligated to prosecute or defend any legal proceeding in respect of any depositary shares or preferred stock unless satisfactory indemnity is furnished. We and the depositary may rely on written advice of counsel or accountants, on information provided by holders of depositary receipts or other persons believed in good faith to be competent to give such information and on documents believed to be genuine and to have been signed or presented by the proper party or parties.

Resignation and Removal of Depositary

The depositary may resign at any time by delivering a notice to us of its election to do so. We may remove the depositary at any time. Any such resignation or removal will take effect upon the appointment of a successor depositary and its acceptance of such appointment. The successor depositary must be appointed within 60 days after delivery of the notice for resignation or removal. In addition, the successor depositary must be a bank or trust company having its principal office in the United States of America and having a combined capital and surplus of at least \$150,000,000.

United States Federal Income Tax Consequences

Owners of the depositary shares will be treated for United States Federal income tax purposes as if they were owners of the preferred stock underlying the depositary shares. Accordingly, the owners will be entitled to take into account for United States Federal income tax purposes income and deductions to which they would be entitled if they were holders of the preferred stock. In addition:

- no gain or loss will be recognized for United States Federal income tax purposes upon the withdrawal of preferred stock in exchange for depositary shares;
- the tax basis of each share of preferred stock to an exchanging owner of depositary shares will, upon the exchange, be the same as the aggregate tax basis of the depositary shares exchanged; and
- the holding period for preferred stock in the hands of an exchanging owner of depositary shares will include the period during which the person owned the depositary shares.

The prospectus supplement for each series of preferred stock may include a description of additional applicable United States Federal income tax or other considerations with respect to the preferred stock.

Common Stock

As of the date of this prospectus, we are authorized to issue up to 300,000,000 shares of common stock, \$1.00 par value per share. As of October 31, 2014, 213,710,798 shares of common stock were outstanding.

Dividends

Holders of common stock are entitled to receive dividends, in cash, securities, or property, as may from time to time be declared by our board of directors, subject to the rights of the holders of the preferred stock.

Voting

Each holder of common stock is entitled to one vote per share on all matters requiring a vote of the stockholders.

Rights Upon Liquidation

In the event of our voluntary or involuntary liquidation, dissolution, or winding up, the holders of common stock will be entitled to share equally in our assets available for distribution after payment in full of all debts and after the holders of preferred stock have received their liquidation preferences in full.

Statutory Provisions

Section 203 of the Delaware General Corporation Law (“DGCL”) prohibits a defined set of transactions between a Delaware corporation, such as us, and an interested stockholder. An interested stockholder is generally defined as a person who, together with any affiliates or associates of such person, beneficially owns, directly or

[Table of Contents](#)

indirectly, 15% or more of the outstanding voting shares of a Delaware corporation. This provision may prohibit business combinations between an interested stockholder and a corporation for a period of three years after the date the interested stockholder becomes an interested stockholder. The term business combination is broadly defined to include mergers, consolidations, sales or other dispositions of assets having a total value in excess of 10% of the consolidated assets of the corporation, and some other transactions that would increase the interested stockholder's proportionate share ownership in the corporation.

This prohibition is effective unless:

- the business combination is approved by the corporation's board of directors prior to the time the interested stockholder becomes an interested stockholder;
- the interested stockholder acquired at least 85% of the voting stock of the corporation, other than stock held by directors who are also officers or by qualified employee stock plans, in the transaction in which it becomes an interested stockholder; or
- the business combination is approved by a majority of the board of directors and by the affirmative vote of two-thirds of the outstanding voting stock that is not owned by the interested stockholder.

In general, the prohibitions do not apply to business combinations with persons who were stockholders before we became subject to Section 203.

Certificate of Incorporation and By-Law Provisions

Vacancies, and newly-created directorships resulting from any increase in the size of our board, may be filled by a majority vote of all remaining directors, even if the directors then on the board do not constitute a quorum or only one director is left in office. Furthermore, directors serving on our board can only be removed by stockholders for cause.

As of November 24, 2014, our Restated Certificate of Incorporation, as amended, divides our board of directors into three classes of directors serving staggered, three-year terms. At our 2014 annual meeting of stockholders, the Company's stockholders approved amendments to our Restated Certificate of Incorporation, as amended, that will phase out and eliminate the classified board to provide for annual election of all directors. Starting with our 2017 annual meeting of stockholders, our board of directors will cease to be classified and all directors at that meeting and each meeting thereafter will be elected for a term expiring at the next annual meeting. Additionally, once the board of directors ceases to be classified in 2017, directors may be removed with or without cause.

These provisions, together with the provisions of Section 203 of the DGCL, could have the effect of delaying, deferring or preventing a change in control or the removal of existing management, of deterring potential acquirors from making an offer to our stockholders and of limiting any opportunity to realize premiums over prevailing market prices for our common stock in connection therewith. This could be the case notwithstanding that a majority of our stockholders might benefit from such a change in control or offer.

Our By-laws contain a forum selection provision for the adjudication of certain disputes. Unless we consent in writing to the selection of an alternative forum, the sole and exclusive forum for (a) any derivative action or proceeding brought on our behalf; (b) any action asserting a claim of breach of a fiduciary duty owed by any of our directors, officers or other employees to us or our stockholders; (c) any action asserting a claim arising pursuant to any provision of the DGCL; or (d) any action asserting a claim governed by the internal affairs doctrine will be the Court of Chancery of the State of Delaware, or, if the Court of Chancery of the State of Delaware does not have jurisdiction, the Superior Court of the State of Delaware, or, if the Superior Court of the State of Delaware does not have jurisdiction, the United States District Court for the District of Delaware. Any person or entity purchasing or otherwise acquiring any interest in shares of our capital stock will be deemed to have notice of and consented to the forum selection provision of our By-laws.

[Table of Contents](#)

Miscellaneous

Shares of common stock are not redeemable and have no subscription, conversion or preemptive rights.

Warrants

We may issue warrants for the purchase of debt securities, preferred stock or common stock. Warrants may be issued independently or together with our debt securities, preferred stock or common stock and may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a bank or trust company, as warrant agent. The warrant agent will act solely as our agent in connection with the warrants and will not have any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants. A copy of the warrant agreement will be filed with the SEC in connection with the offering of warrants.

The prospectus supplement relating to a particular issue of warrants will describe the terms of those warrants, including the following:

- the title of the warrants;
- any offering price for the warrants;
- the aggregate number of the warrants;
- the designation and terms of the securities that may be purchased upon exercise of the warrants;
- if applicable, the designation and terms of the securities together with which the warrants are issued and the number of warrants issued with each security;
- any date from and after which the warrants and any securities issued with them will be separately transferable;
- the principal amount of or number of shares of stock that may be purchased upon exercise of a warrant and the price at which the debt securities may be purchased upon exercise;
- the dates on which the right to exercise the warrants will commence and expire;
- any minimum or maximum amount of the warrants that may be exercised at any one time;
- the currency or currency units in which the offering price and the exercise price are payable;
- if applicable, a discussion of material United States Federal, or other income tax considerations;
- any antidilution provisions of the warrants;
- any redemption or call provisions applicable to the warrants;
- any additional terms of the warrants, including terms, procedures, and limitations relating to the exchange and exercise of the warrants;
- whether the warrants represented by the warrant certificates or debt securities that may be issued upon exercise of the warrants will be issued in registered or bearer form; and
- any information with respect to book-entry procedures.

PLAN OF DISTRIBUTION

We may sell the securities in any of four ways:

- (i) directly to purchasers;
- (ii) through underwriters;
- (iii) through agents; or
- (iv) through dealers.

We may solicit offers to purchase securities directly or by the means of designated agents from time to time. Any such agent, who may be deemed to be an underwriter as that term is defined in the Securities Act of 1933, as amended, involved in the offer or sale of the securities in respect of which this prospectus is delivered will be named, and any commissions payable by us to such agent will be set forth, in the prospectus supplement. Unless otherwise indicated in the prospectus supplement, any such agent will be acting on a best efforts basis for the period of its appointment. Agents may be customers of, engage in transactions with, or perform services for, us in the ordinary course of business.

LEGAL OPINIONS

The legality of the securities in respect of which this prospectus is being delivered will be passed on for us by Ann E. Padjen, Esq., Senior Corporate and Finance Counsel for the Company, unless otherwise set forth in the prospectus supplement relating to such securities. We pay a salary to Ms. Padjen in her indicated capacity, she is a participant in various employee benefit plans offered to our employees generally, and she owns shares of our common stock and participates in our long-term incentive program, which entitles executives to stock options and deferred stock units. The validity of any securities offered in the prospectus supplement relating to such securities will be passed upon for any underwriters or agents by counsel to be named in the prospectus supplement relating to such securities.

EXPERTS

The Company's consolidated financial statements and schedule as of 30 September 2014 and 2013, and for each of the years in the three-year period ended 30 September 2014, and management's assessment of the effectiveness of internal control over financial reporting as of 30 September 2014 have been incorporated by reference herein in reliance of the report of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

PART II. INFORMATION NOT REQUIRED IN PROSPECTUS**ITEM 14. OTHER EXPENSES OF ISSUANCE AND DISTRIBUTION.**

All of the amounts shown are estimates.

Registration Fee	\$	*
Printing Fees		20,000
Accountants' Fees		10,000
Rating Agency Fees		1,100,000
Fees and Expenses of trustee		5,000
Legal Fees and Expenses		50,000
Miscellaneous		15,000
Total		<u>\$ 1,200,000</u>

* In accordance with Rules 456(b) and 457(r), we are deferring payment of the registration fee for the securities offered by this prospectus.

ITEM 15. INDEMNIFICATION OF DIRECTORS AND OFFICERS.

Section 102(b)(7) of the DGCL permits a corporation, in its certificate of incorporation, to limit or eliminate the liability of directors to the corporation or its stockholders for monetary damages for breaches of fiduciary duty, except for liability (a) for any breach of the director's duty of loyalty to the corporation or its stockholders, (b) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (c) under Section 174 of the DGCL, or (d) for any transaction from which the director derived an improper personal benefit. The provisions of Article Ninth of our Restated Certificate of Incorporation, as amended, eliminate the personal liability of directors of the Company to the extent set forth in the DGCL. Our Restated Certificate of Incorporation is filed as an exhibit herewith, and applicable amendments thereto are incorporated herein by reference to prior filings.

Under Section 145 of the DGCL, a corporation has the power to indemnify directors and officers against expenses (including attorneys' fees actually and reasonably incurred), judgments, fines and settlements, in connection with any action, suit or proceeding (other than derivative actions), whether civil, criminal, administrative or investigative, if it is determined that such person acted in good faith and in a manner he or she reasonably believed to be in (or not opposed to) the best interests of the corporation and, in the case of a criminal action, had no reasonable cause to believe that his or her conduct was unlawful. In a derivative action brought by or in the right of the corporation, the DGCL permits indemnification of any such person if he or she acted in good faith and in a manner he or she reasonably believed to be in (or not opposed to) the best interests of the corporation, but no indemnification may be given where such person has been found to be liable to the corporation unless (and only to the extent that) a court determines that despite such finding of liability, such person is fairly and reasonably entitled to indemnification against such expenses which the court deems proper. Article V of our By-Laws provides for indemnification of our directors and officers to the fullest extent permitted by the DGCL. Article V further permits the Company to maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the Company, or is or was serving at the request of the Company as a director, officer, employee or agent of another entity, against any liability asserted against such person and incurred by such person in any such capacity or arising out of his status as such, whether or not the Company would have the power to indemnify such person against such liability under the DGCL. Article Ninth of our Restated Certificate of Incorporation, as amended, contains provisions which provide for indemnification of certain persons (including officers and directors).

We maintain insurance that generally insures our officers and directors and the officers and directors of our subsidiaries (as defined in the insurance policy) against liabilities incurred in their professional capacities, and

Table of Contents

insures us with respect to amounts to which officers and directors become entitled as indemnification payments from us, subject to certain specified exclusions and deductible and maximum amounts. We also maintain an insurance policy that protects, among others, certain of our officers and directors and certain of the officers and directors of our subsidiaries against liabilities incurred for Breach of Fiduciary Duty (as defined in the insurance policy) with respect to their performance of their duties and responsibilities in connection with certain of our pension and retirement plans, or the plans of certain of our subsidiaries, subject to certain specified exclusions and deductible and maximum amounts.

ITEM 16. EXHIBITS.

The following Exhibits are filed as part of this Registration Statement:

Exhibit 1.1	Form of Agency Agreement. (Incorporated by reference to Exhibit 1 to the Company's Registration Statement No. 333-33851)
Exhibit 1.2	Form of Underwriting Agreement for Senior Debt Securities.
Exhibit 1.3	Form of Underwriting Agreement for Preferred Stock. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this Registration Statement)
Exhibit 1.4	Form of Underwriting Agreement for Depositary Shares. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this Registration Statement)
Exhibit 1.5	Form of Underwriting Agreement for Common Stock. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this Registration Statement)
Exhibit 1.6	Form of Underwriting Agreement for Warrants. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this Registration Statement)
Exhibit 3.1	Amended and Restated By-Laws of the Company. (Incorporated by reference to Exhibit 3.1 to the Company's Form 8-K Report dated November 21, 2014.)
Exhibit 3.2	Restated Certificate of Incorporation of the Company. (Filed herewith and previously filed as Exhibit 3.2 to the Company's Form 10-K Report for the fiscal year ended September 30, 1987.)
Exhibit 3.3	Amendment to the Restated Certificate of Incorporation of the Company dated January 25, 1996. (Incorporated by reference to Exhibit 3.3 to the Company's Form 10-K Report (file no. 1-04534) for the fiscal year ended September 30, 1996).
Exhibit 3.4	Amendment to the Restated Certificate of Incorporation of the Company dated January 28, 2014. (Incorporated by reference to Exhibit 10.2 to the Company's Form 10-Q Report for the quarter ended June 30, 2014).
Exhibit 3.5	Certificate of Designations of Series A Junior Participating Preferred Stock of the Company dated July 25, 2013. (Incorporated by reference to Exhibit 3.2 to the Company's Form 8-K Report dated July 24, 2013.)
Exhibit 4.1	Indenture dated as of January 10, 1995, between the Company and The Bank of New York Mellon Trust Company, N.A., as successor to U.S. Bank National Association (formerly Wachovia Bank, National Association and initially First Fidelity Bank, National Association), as Trustee. (Incorporated by reference to Exhibit 4(a) to the Company's Registration Statement No. 33-57357)
Exhibit 4.2	Form of Senior Debt Security.
Exhibit 4.3	Form of Preferred Stock Certificate. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this registration statement)

Table of Contents

Exhibit 4.4	Form of Deposit Agreement. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this registration statement)
Exhibit 4.5	Form of Deposit Receipt. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this registration statement)
Exhibit 4.6	Form of Warrant Agreement. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this registration statement)
Exhibit 4.7	Form of Warrant Certificate. (To be filed as an exhibit to a current report of the Company and incorporated by reference in this registration statement)
Exhibit 5	Opinion of Company counsel as to legality of the securities to be issued.
Exhibit 12	Computation of Ratios of Earnings to Fixed Charges (Incorporated by reference to Exhibit 12 to the Company's Form 10-K Report for the fiscal year ended September 30, 2014.)
Exhibit 23.1	Consent of KPMG LLP.
Exhibit 23.2	Consent of Company counsel (contained in Exhibit 5).
Exhibit 24	Power of Attorney.
Exhibit 25	Form T-1 Statement of Eligibility and Qualification under the Trust Indenture Act of 1939 of The Bank of New York Mellon Trust Company, N.A., as trustee under the senior indenture.

ITEM 17. UNDERTAKINGS.

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

provided, however, that the undertakings set forth in paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

Table of Contents

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) If applicable, the undersigned registrant hereby undertakes to supplement the prospectus, after the expiration of the subscription period, to set forth the results of the subscription offer, the transactions by the

[Table of Contents](#)

underwriters during the subscription period, the amount of unsubscribed securities to be purchased by the underwriters, and the terms of any subsequent reoffering thereof. If any public offering by the underwriters is to be made on terms differing from those set forth on the cover page of the prospectus, a post-effective amendment will be filed to set forth the terms of such offering.

(d) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

(e) The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under Subsection (a) of section 310 of the Trust Indenture Act (the "Act") in accordance with the rules and regulations prescribed by the Commission under section 305(b)(2) of the Act.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Allentown and Commonwealth of Pennsylvania on the 24th day of November, 2014.

AIR PRODUCTS AND CHEMICALS, INC.

(Registrant)

By /s/ M. Scott Crocco
M. Scott Crocco
Senior Vice President and
Chief Financial Officer (Principal Financial Officer)

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities indicated on November 24, 2014.

SIGNATURE	TITLE
<u> /s/ Seifi Ghasemi</u> (Seifi Ghasemi)	Director, Chairman, President and Chief Executive Officer (Principal Executive Officer)
<u> /s/ M. Scott Crocco</u> (M. Scott Crocco)	Senior Vice President and Chief Financial Officer (Principal Accounting Officer)
<u> *</u> (Susan K. Carter)	Director
<u> *</u> (William L. Davis, III)	Director
<u> *</u> (Chadwick C. Deaton)	Director
<u> *</u> (W. Douglas Ford)	Director
<u> *</u> (Evert Henkes)	Director
<u> *</u> (David H.Y. Ho)	Director
<u> *</u> (Margaret G. McGlynn)	Director
<u> *</u> (Edward L. Monser)	Director
<u> *</u> (Matthew H. Paull)	Director

[Table of Contents](#)

SIGNATURE

TITLE

*

Director

(Lawrence S. Smith)

* Mary T. Afflerbach, Corporate Secretary, by signing her name hereto, does sign this document on behalf of the above noted individuals, pursuant to a power of attorney duly executed by such individuals which is filed with the Securities and Exchange Commission herewith.

/s/ Mary T. Afflerbach

(Mary T. Afflerbach, Attorney-in-Fact)

Air Products and Chemicals, Inc.

Senior Debt Securities

 Underwriting Agreement

[Date]

[]

[]

As Representatives of the several Underwriters
named in Schedule II hereto

Ladies and Gentlemen:

Air Products and Chemicals, Inc., a Delaware corporation (the "Company"), proposes, subject to the terms and conditions stated herein, to issue and sell to the Underwriters named in Schedule II hereto (the "Underwriters") for whom you are acting as representatives (the "Representatives"), the principal amount of its securities identified in Schedule I hereto (the "Securities").

The Securities are to be issued pursuant to an indenture, dated as of January 10, 1995 (as it may be supplemented or amended from time to time, the "Indenture"), between the Company and The Bank of New York Mellon Trust Company, N.A., as successor to U.S. Bank National Association (formerly Wachovia Bank, National Association and initially First Fidelity Bank, National Association), as trustee (the "Trustee").

1. The Company represents and warrants to, and agrees with, each of the Underwriters that at the date of this Agreement and at each additional time stated in this Agreement:

(a) An "automatic shelf registration statement" as defined under Rule 405 under the Securities Act of 1933, as amended (the "Act") on Form S-3 (the file number of which is set forth in Schedule I) in respect of the Securities has been filed with the Securities and Exchange Commission (the "Commission") not earlier than three years prior to the date hereof which registration statement, and any post-effective amendment thereto, became effective on filing; and no stop order suspending the effectiveness of such registration statement or any part thereof has been issued and no proceeding for that purpose has been initiated or threatened by the Commission, and no notice of objection of the Commission to the use of such registration statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Act has been received by the Company (the base prospectus filed as part of such registration statement, in the form in which it has most recently been filed with the Commission on or prior to the date of this Agreement, is hereinafter called the "Basic Prospectus," any preliminary prospectus (including any preliminary prospectus supplement) relating to the Securities filed with the

Commission pursuant to Rule 424(b) under the Act is hereinafter called a “Preliminary Prospectus;” the various parts of such registration statement, including all exhibits thereto but excluding Form T-1 and including any prospectus supplement relating to the Securities that is filed with the Commission and deemed by virtue of Rule 430B to be part of such registration statement, each as amended at the time such part of the registration statement became effective, are hereinafter collectively called the “Registration Statement”; the Basic Prospectus, as amended and supplemented immediately prior to the Applicable Time (as defined in Section 1(c) hereof), is hereinafter called the “Pricing Prospectus”; the form of the final prospectus relating to the Securities filed with the Commission pursuant to Rule 424(b) under the Act in accordance with Section 5(a) hereof is hereinafter called the “Prospectus”; any reference herein to the Basic Prospectus, the Pricing Prospectus, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include the documents incorporated by reference therein pursuant to Item 12 of Form S-3 under the Act, as of the date of such prospectus; any reference to any amendment or supplement to the Basic Prospectus, any Preliminary Prospectus, the Registration Statement or the Prospectus shall be deemed to refer to and include any post-effective amendment to the Registration Statement, any prospectus supplement relating to the Securities filed with the Commission pursuant to Rule 424(b) under the Act and any documents filed under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), and incorporated therein, in each case after the date of the Basic Prospectus, such Preliminary Prospectus, or the Prospectus, as the case may be; any reference to any amendment to the Registration Statement shall be deemed to refer to and include any annual report of the Company filed pursuant to Section 13(a) or 15(d) of the Exchange Act after the effective date of the Registration Statement that is incorporated by reference in the Registration Statement; any “issuer free writing prospectus” as defined in Rule 433 under the Act relating to the Securities is hereinafter called an “Issuer Free Writing Prospectus”);

(b) No order preventing or suspending the use of any Preliminary Prospectus or any Issuer Free Writing Prospectus has been issued by the Commission, and each Preliminary Prospectus, at the time of filing thereof, conformed in all material respects to the requirements of the Act and the Trust Indenture Act of 1939, as amended (the “Trust Indenture Act”) and the rules and regulations of the Commission thereunder, and did not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to any statements or omissions made in reliance upon and in conformity with information furnished in writing to the Company by an Underwriter through the Representatives expressly for use therein;

(c) For the purposes of this Agreement, the “Applicable Time” is as set forth in Schedule I; the Pricing Prospectus as supplemented by the final term sheet prepared and filed pursuant to Section 5(a) hereof, taken together (collectively, the “Pricing Disclosure Package”) as of the Applicable Time, did not include any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; and each Issuer Free Writing Prospectus listed on Schedule I hereto does not conflict with the information contained in the Registration Statement, the Pricing Prospectus or the Prospectus and each such Issuer Free Writing Prospectus, as supplemented by and taken together with the Pricing Disclosure Package

as of the Applicable Time, did not include any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to statements or omissions made in an Issuer Free Writing Prospectus in reliance upon and in conformity with information furnished in writing to the Company by an Underwriter through the Representatives expressly for use therein;

(d) The Registration Statement, as amended, complies in all material respects with the provisions of the Act and the rules and regulations of the Commission thereunder and does not contain any untrue statement of a material fact and does not omit to state any material fact required to be stated therein or necessary to make the statements therein not misleading; and the Prospectus will comply in all material respects with the provisions of the Act and the rules and regulations of the Commission thereunder and will not contain any untrue statement of a material fact and will not omit to state any material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they are made, not misleading; provided, however, that none of the representations and warranties contained in this Section 1(d) shall apply to (i) that part of the Registration Statement which shall constitute the Statement of Eligibility and Qualification (Form T-1) under the Trust Indenture Act, of the Trustee or (ii) statements in, or omissions from, the Registration Statement or the Prospectus or any amendment thereof or supplement thereto made in reliance upon and in conformity with information furnished in writing to the Company by or behalf of any Underwriter through the Representatives for use in connection with the preparation of the Registration Statement or the Prospectus or any such amendment or supplement;

(e) The accountants whose reports with respect to financial statements are included in the Registration Statement, the Pricing Prospectus and the Prospectus are independent with respect to the Company and its subsidiaries as required by the Act and the rules and regulations of the Commission thereunder;

(f) Neither the Company nor any of its subsidiaries has sustained since the date of the latest audited financial statements included or incorporated by reference in the Pricing Prospectus any material loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any labor dispute or court or governmental action, order or decree, otherwise than as set forth or contemplated in the Pricing Prospectus; and, since the respective dates as of which information is given in the Registration Statement and the Pricing Prospectus, there has not been any material adverse change in the capital stock or long term debt of the Company or any of its subsidiaries or any material adverse change, or any development involving a prospective material adverse change, in or affecting the general affairs, management, financial position, stockholders' equity or results of operations of the Company and its subsidiaries, otherwise than as set forth or contemplated in the Pricing Prospectus;

(g) Except as set forth in the Pricing Prospectus, neither the Company nor any of its subsidiaries has any litigation or governmental proceedings pending of a character which will result in a judgment, decree or order having a material adverse effect on the condition, financial or other, or the results of operations of the Company and its consolidated subsidiaries, taken as a whole;

(h) The Company and each subsidiary of the Company has been duly incorporated and is a validly existing corporation in good standing under the laws of the jurisdiction in which it was incorporated, has the corporate power to own or hold under lease the property it purports to own or hold under lease and to carry on the business in which it is engaged, and is duly licensed and duly qualified and is in good standing as a foreign corporation in each jurisdiction wherein the character of the property owned or held under lease by it, or the nature of the business transacted by it, makes such licensing or qualifications necessary; and all the outstanding shares of the capital stock of the subsidiaries of the Company are owned directly, or indirectly through wholly owned subsidiaries, by the Company, free and clear of any material lien, pledge or other encumbrance, except for (i) directors' and officers' qualifying shares and (ii) shares of such stock representing minority interests reflected in the financial statements of the Company and its consolidated subsidiaries included in the Pricing Prospectus;

(i) (i) The issuance and delivery of the Securities by the Company pursuant to this Agreement has been duly and validly authorized by all necessary corporate action and no authorization, consent or approval of the stockholders and no further authorization or approval of the Board of Directors of the Company will be required for the issuance, sale and delivery of the Securities as contemplated herein; (ii) neither such issuance, sale or delivery of the Securities nor the consummation of any other of the transactions herein contemplated will result in a breach by the Company of any terms of, or constitute a default under, any other agreement or undertaking of the Company; and (iii) no authorization, consent or approval of, or filing or registration with, or exemption by, any government or public body or authority of the United States or of any State or any department or subdivision thereof, other than such as may be required under the securities or blue sky laws of any jurisdiction and other than registration of the Securities under the Act and qualification of the Indenture under the Trust Indenture Act, is required for the validity of the Securities or for the valid offering, issuance, sale and delivery of the Securities by the Company pursuant to this Agreement or for the execution and delivery by the Company of this Agreement and the Indenture;

(j) The Indenture has been duly and validly authorized, executed and delivered by the Company and constitutes an instrument valid and binding on the Company and enforceable in accordance with its terms (except as (a) the enforceability thereof may be limited by bankruptcy, insolvency or similar laws affecting the enforcement of creditors' rights generally and (b) rights of acceleration and the availability of equitable remedies may be limited by equitable principles of general applicability);

(k) The Securities are in a form contemplated by the Indenture and have been duly authorized, and, when executed and delivered on behalf of the Company and authenticated by the Trustee, upon the delivery thereof and payment therefor as provided in this Agreement, the Securities will constitute valid and binding obligations of the Company enforceable in accordance with their respective terms (except as (a) the enforceability thereof may be limited by bankruptcy, insolvency or similar laws affecting the enforcement of creditors' rights generally and (b) rights of acceleration and the availability of equitable remedies may be limited by equitable principles of general applicability), entitled to the benefits of the Indenture;

(l) This Agreement has been duly authorized, executed and delivered by the Company, and the performance of this Agreement and the consummation of the transactions

herein contemplated will not result in a breach of any of the terms or provisions of, or constitute a default under, the Restated Certificate of Incorporation, as amended, or the Amended and Restated By-laws of the Company or any law, administrative regulation or court decree applicable to the Company or by which the Company or any of its properties is bound or affected any of which breaches or defaults would, in any case, have a material adverse effect upon the financial condition or operations of the Company or the legality, validity or enforceability against the Company of this Agreement, the Indenture or the Securities or would materially adversely affect the ability of the Company to perform its obligations under this Agreement, the Indenture or the Securities (except to the extent that the enforceability of the indemnity provisions of this Agreement may be limited by securities laws or public policy);

(m) The financial statements included or incorporated by reference in the Registration Statement, the Pricing Prospectus and the Prospectus, present fairly the financial condition and results of operations of the entities purported to be shown thereby, at the dates and for the periods indicated and have been prepared, except as stated therein, in conformity with generally accepted accounting principles applied on a consistent basis throughout the periods involved;

(n) The interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement, the Pricing Prospectus and the Prospectus fairly present the information called for in all material respects and are prepared in accordance with the Commission's rules and guidelines applicable thereto;

(o) During the twelve calendar months and any portion of a calendar month immediately preceding the date of the filing of the Registration Statement with the Commission, the Company has timely filed all documents and amendments to previously filed documents required to be filed by it pursuant to Section 12, 13, 14 or 15(d) of the Exchange Act. The documents incorporated by reference into the Pricing Prospectus and the Prospectus have been prepared by the Company in conformity with the requirements of the Exchange Act and the rules and regulations thereunder and such documents have been timely filed as required thereby;

(p) (i)(A) At the time of filing the Registration Statement, (B) at the time of the most recent amendment thereto for the purposes of complying with Section 10(a)(3) of the Act (whether such amendment was by post-effective amendment, incorporated report filed pursuant to Section 13 or 15(d) of the Exchange Act or form of prospectus), and (C) at the time the Company or any person acting on its behalf (within the meaning, for this clause only, of Rule 163(c) under the Act) made any offer relating to the Securities in reliance on the exemption of Rule 163 under the Act, the Company was a "well-known seasoned issuer" as defined in Rule 405 under the Act; and (ii) at the earliest time after the filing of the Registration Statement that the Company or another offering participant made a bona fide offer (within the meaning of Rule 164(h)(2) under the Act) of the Securities, the Company was not an "ineligible issuer" as defined in Rule 405 under the Act;

(q) The Company maintains a system of internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Exchange Act) that complies with the requirements of the Exchange Act and has been designed by the Company's principal executive officer and principal financial officer, or under their supervision, to provide reasonable

assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. The Company's internal control over financial reporting is effective and the Company is not aware of any material weaknesses in its internal control over financial reporting;

(r) Since the date of the Company's latest audited financial statements included or incorporated by reference in the Pricing Prospectus, there has been no change in the Company's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting;

(s) The Company maintains disclosure controls and procedures (as such term is defined in Rule 13a-15(e) under the Exchange Act) that comply with the requirements of the Exchange Act; such disclosure controls and procedures have been designed to ensure that material information relating to the Company and its subsidiaries is made known to the Company's principal executive officer and principal financial officer by others within those entities; and such disclosure controls and procedures are effective;

(t) Neither the Company nor any of its subsidiaries is or, after giving effect to the offering and sale of the Securities and the application of the proceeds thereof, will be an "investment company," as such term is defined in the Investment Company Act of 1940, as amended (the "Investment Company Act"), and the rules and regulations of the Commission thereunder;

(u) Neither the Company nor any of its subsidiaries, nor, to the best of the Company's knowledge, any director, officer, agent, employee or controlled affiliate of the Company or any of its subsidiaries, is an individual or entity ("Person") currently the subject or target of any sanctions administered or enforced by the Office of Foreign Assets Control of the U.S. Department of the Treasury or the U.S. Department of State, the United Nations Security Council, or other relevant sanctions authority (collectively, "Sanctions"), nor is the Company organized, or any of its facilities located, in a country or territory that is the subject of Sanctions in violation of applicable law; and the Company will not, knowingly, directly or indirectly use the proceeds of the offering, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other Person, to fund any activities of or business with any Person, or in any country or territory, that, at the time of such funding, is the subject of Sanctions or in any other manner that will result in a violation by any Person (including any Person participating in the transaction, whether as underwriter, advisor, investor or otherwise) of Sanctions;

(v) Neither the Company nor any of its subsidiaries, nor, to the best of the Company's knowledge, any director, officer, agent, employee or other person acting on behalf of the Company or any of its subsidiaries has: (i) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expense relating to political activity; (ii) made any direct or indirect unlawful payment to any foreign or domestic government official or employee from corporate funds; or (iii) violated or is in violation of any provision of the Foreign Corrupt Practices Act of 1977, as amended, and the rules and regulations thereunder (the "FCPA"), the Bribery Act of 2010 of the United Kingdom (the "Bribery Act"), or any applicable law or regulation implementing the OECD Convention on Combating Bribery of Foreign Public

Officials in International Business Transactions; and the Company and its subsidiaries have instituted and maintain policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith;

(w) The operations of the Company and its subsidiaries are and have been conducted at all times in compliance with applicable financial recordkeeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, the money laundering statutes of all jurisdictions where the Company and its subsidiaries conduct business, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the “Anti-Money Laundering Laws”), and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any of its subsidiaries with respect to the Anti-Money Laundering Laws is pending or, to the best of the Company’s knowledge, threatened.

2. Subject to the terms and conditions herein set forth, the Company agrees to issue and sell to each of the Underwriters, and each of the Underwriters agrees, severally and not jointly, to purchase from the Company, at the purchase price set forth in Schedule I the respective principal amount of Securities set forth opposite the name of such Underwriter in Schedule II hereto.

3. Upon the authorization by you of the release of the Securities, the several Underwriters propose to offer the Securities for sale upon the terms and conditions set forth in the Prospectus.

4. (a) The Securities to be purchased by each Underwriter hereunder will be represented by one or more definitive global Securities in book-entry form which will be deposited by or on behalf of the Company with The Depository Trust Company (“DTC”) or its designated custodian. The Company will deliver the Securities to the Representatives for the account of each Underwriter, against payment by or on behalf of such Underwriter of the purchase price therefor by wire transfer of Federal (same-day) funds to the account specified by the Company to the Representatives at least forty-eight hours in advance, by causing DTC to credit the Securities to the account designated by such Representatives at DTC. The Company will cause the certificates representing the Securities to be made available for checking at least twenty-four hours prior to the Time of Delivery (as defined below) at the office of DTC or its designated custodian (the “Designated Office”). The time and date of such delivery and payment shall be as set forth in Schedule I or such other time and date as the Representatives and the Company may agree upon in writing. Such time and date are herein called the “Time of Delivery.”

(b) The documents to be delivered at the Time of Delivery by or on behalf of the parties hereto pursuant to Section 8 hereof, including the cross-receipt for the Securities and any additional documents requested by the Underwriters pursuant to Section 8(h) hereof, will be delivered at the location designated in Schedule I (the “Closing Location”), and the Securities will be delivered at the Designated Office, all at the Time of Delivery. A meeting will be held at the Closing Location at 5 p.m., New York City time, on the New York Business Day next preceding such Time of Delivery, at which meeting the final drafts of the documents to be

delivered pursuant to the preceding sentence will be available for review by the parties hereto. For the purposes of this Section 4, “New York Business Day” shall mean each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in New York City are generally authorized or obligated by law or executive order to close.

5. The Company agrees with each of the Underwriters:

(a) To prepare the Prospectus in a form approved by you and to file such Prospectus pursuant to Rule 424(b) under the Act not later than the Commission’s close of business on the second business day following the date of this Agreement; to make no further amendment or any supplement to the Registration Statement, the Basic Prospectus or the Prospectus prior to the Time of Delivery which shall be disapproved by you promptly after reasonable notice thereof; to advise you, promptly after it receives notice thereof, of the time when any amendment to the Registration Statement has been filed or becomes effective or any amendment or supplement to the Prospectus has been filed and to furnish you with copies thereof; to prepare a final term sheet, containing solely a description of the Securities, in a form approved by you and to file such term sheet pursuant to Rule 433(d) under the Act within the time required by such Rule; to file promptly all reports and any definitive proxy or information statements required to be filed by the Company with the Commission pursuant to Rule 433(d) under the Act; to file promptly all reports and any definitive proxy or information statements required to be filed by the Company with the Commission pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of the Prospectus and for so long as the delivery of a prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) is required in connection with the offering or sale of the Securities; to advise you, promptly after it receives notice thereof, of the issuance by the Commission of any stop order or of any order preventing or suspending the use of any Preliminary Prospectus or other prospectus in respect of the Securities, of any notice of objection of the Commission to the use of the Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Act, of the suspension of the qualification of the Securities for offering or sale in any jurisdiction, of the initiation or threatening of any proceeding for any such purpose, or of any request by the Commission for the amending or supplementing of the Registration Statement or the Prospectus or for additional information; and, in the event of the issuance of any stop order or of any order preventing or suspending the use of any Preliminary Prospectus or other prospectus or suspending any such qualification, to promptly use its best efforts to obtain the withdrawal of such order; and in the event of any such issuance of a notice of objection, promptly to take such steps including, without limitation, amending the Registration Statement or filing a new registration statement, at its own expense, as may be necessary to permit offers and sales of the Securities by the Underwriters (references herein to the Registration Statement shall include any such amendment or new registration statement);

(b) If required by Rule 430B(h) under the Act, to prepare a form of prospectus in a form approved by you and to file such form of prospectus pursuant to Rule 424(b) under the Act not later than may be required by Rule 424(b) under the Act; and to make no further amendment or supplement to such form of prospectus which shall be disapproved by you promptly after reasonable notice thereof;

(c) If by the third anniversary (the “Renewal Deadline”) of the initial effective date of the Registration Statement, any of the Securities remain unsold by the Underwriters, the Company will file, if it has not already done so and is eligible to do so, a new automatic shelf registration statement relating to the Securities, in a form satisfactory to you. If at the Renewal Deadline the Company is no longer eligible to file an automatic shelf registration statement, the Company will, if it has not already done so, file a new shelf registration statement relating to the Securities, in a form satisfactory to you and will use its best efforts to cause such registration statement to be declared effective within 180 days after the Renewal Deadline. The Company will take all other action necessary or appropriate to permit the public offering and sale of the Securities to continue as contemplated in the expired registration statement relating to the Securities. References herein to the Registration Statement shall include such new automatic shelf registration statement or such new shelf registration statement, as the case may be;

(d) Promptly from time to time to take such action as you may reasonably request to qualify the Securities for offering and sale under the securities laws of such jurisdictions as you may request and to comply with such laws so as to permit the continuance of sales and dealings therein in such jurisdictions for as long as may be necessary to complete the distribution of the Securities, provided that in connection therewith the Company shall not be required to qualify as a foreign corporation or to file a general consent to service of process in any jurisdiction;

(e) Prior to 10:00 a.m., New York City time, on the New York Business Day next succeeding the date of this Agreement and from time to time, to furnish the Underwriters with written and electronic copies of the documents constituting the Pricing Disclosure Package and the Prospectus in New York City in such quantities as you may reasonably request, and, if the delivery of a prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) is required at any time prior to the expiration of nine months after the time of issue of the Prospectus in connection with the offering or sale of the Securities and if at such time any event shall have occurred as a result of which the Prospectus as then amended or supplemented would include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made when such Prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) is delivered, not misleading, or, if for any other reason it shall be necessary during such same period to amend or supplement the Prospectus or to file under the Exchange Act any document incorporated by reference in the Prospectus in order to comply with the Act, the Exchange Act or the Trust Indenture Act, to notify you and upon your request to file such document and to prepare and furnish without charge to each Underwriter and to any dealer in securities as many written and electronic copies as you may from time to time reasonably request of an amended Prospectus or a supplement to the Prospectus which will correct such statement or omission or effect such compliance; and in case any Underwriter is required to deliver a prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) in connection with sales of any of the Securities at any time nine months or more after the time of issue of the Prospectus, upon your request but at the expense of such Underwriter, to prepare and deliver to such Underwriter as many written and electronic copies as you may request of an amended or supplemented Prospectus complying with Section 10(a)(3) of the Act;

(f) To make generally available to its securityholders as soon as practicable, but in any event not later than sixteen months after the effective date of the Registration Statement (as defined in Rule 158(c) under the Act), an earnings statement of the Company and its subsidiaries (which need not be audited) complying with Section 11(a) of the Act and the rules and regulations of the Commission thereunder (including, at the option of the Company, Rule 158);

(g) During the period beginning from the date hereof and continuing to and including the later of the Time of Delivery and such earlier time as you may notify the Company, not to offer, sell, contract to sell, pledge, grant any option to purchase, make any short sale or otherwise dispose, except as provided hereunder of, any securities of the Company that are substantially similar to the Securities;

(h) To pay any required Commission filing fees relating to the Securities within the time required by Rule 456(b)(1) under the Act without regard to the proviso therein and otherwise in accordance with Rules 456(b) and 457(r) under the Act; and

(i) To use the net proceeds received by it from the sale of the Securities pursuant to this Agreement in the manner specified in the Pricing Prospectus under the caption "Use of Proceeds."

6. (a)(i) The Company represents and agrees that, other than the final term sheet prepared and filed pursuant to Section 5(a) hereof, without the prior consent of the Representatives, it has not made and will not make any offer relating to the Securities that would constitute a "free writing prospectus" as defined in Rule 405 under the Act;

(ii) each Underwriter represents and agrees that, without the prior consent of the Company and the Representatives, other than one or more term sheets relating to the Securities containing customary information and conveyed to purchasers of Securities, it has not made and will not make any offer relating to the Securities that would constitute a free writing prospectus required to be filed with the Commission; and

(iii) any such free writing prospectus the use of which has been consented to by the Company and the Representatives (including the final term sheet prepared and filed pursuant to Section 5(a) hereof) is listed on Schedule I hereto;

(b) The Company has complied and will comply with the requirements of Rule 433 under the Act applicable to any Issuer Free Writing Prospectus, including timely filing with the Commission or retention where required and legending; and

(c) The Company agrees that if at any time following issuance of an Issuer Free Writing Prospectus any event occurred or occurs as a result of which such Issuer Free Writing Prospectus would conflict with the information in the Registration Statement, the Pricing Prospectus or the Prospectus or would include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances then prevailing, not misleading, the Company will give prompt notice thereof to the Representatives and, if requested by the Representatives, will prepare and furnish without charge to each Underwriter an Issuer Free Writing Prospectus or other document which will

correct such conflict, statement or omission; provided, however, that this representation and warranty shall not apply to any statements or omissions in an Issuer Free Writing Prospectus made in reliance upon and in conformity with information furnished in writing to the Company by an Underwriter through the Representatives expressly for use therein.

7. The Company covenants and agrees with the several Underwriters that the Company will pay or cause to be paid the following: (i) the fees, disbursements and expenses of the Company's counsel and accountants in connection with the registration of the Securities under the Act and all other expenses in connection with the preparation, printing, reproduction and filing of the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, any Issuer Free Writing Prospectus and the Prospectus and amendments and supplements thereto and the mailing and delivering of copies thereof to the Underwriters and dealers; (ii) the cost of printing or producing any Agreement among Underwriters, this Agreement, the Indenture, the Blue Sky survey, closing documents (including any compilations thereof) and any other documents in connection with the offering, purchase, sale and delivery of the Securities; (iii) all expenses in connection with the qualification of the Securities for offering and sale under state securities laws as provided in Section 5(d) hereof, including the fees and disbursements of counsel for the Underwriters in connection with such qualification and in connection with the Blue Sky survey; (iv) any fees charged by securities rating services for rating the Securities; (v) all fees and expenses in connection with listing the Securities on any securities exchange; (vi) the cost of preparing the Securities; (vii) the fees and expenses of the Trustee and any agent of the Trustee and the fees and disbursements of counsel for the Trustee in connection with the Indenture and the Securities; and (viii) all other costs and expenses incident to the performance of its obligations hereunder which are not otherwise specifically provided for in this Section. It is understood, however, that, except as provided in this Section, and Sections 9 and 12 hereof, the Underwriters will pay all of their own costs and expenses, including the fees of their counsel, transfer taxes on resale of any of the Securities by them, and any advertising expenses connected with any offers they may make; provided that if the sale of the Securities provided for herein is not consummated because any condition to the obligations of the Underwriters set forth in Section 8 hereof is not satisfied, because this Agreement is terminated or because of any failure, refusal or inability on the part of the Company to perform all obligations and satisfy all conditions on its part to be performed or satisfied hereunder (other than solely by reason of a default by the Underwriters of their obligations hereunder after all conditions hereunder have been satisfied in accordance herewith), the Company agrees to promptly reimburse the Underwriters upon demand for all out-of-pocket expenses (including reasonable fees, disbursements and charges of [], counsel for the Underwriters) that shall have been incurred by the Underwriters in connection with the proposed purchase and sale of the Securities.

8. The obligations of the Underwriters hereunder shall be subject, in their discretion, to the condition that all representations and warranties and other statements of the Company herein are, at and as of the Time of Delivery, true and correct, the condition that the Company shall have performed all of its obligations hereunder theretofore to be performed, and the following additional conditions:

(a) The Prospectus and any Pricing Prospectus shall have been filed with the Commission pursuant to Rule 424(b) under the Act within the applicable time period prescribed for such filing by the rules and regulations under the Act and in accordance with Section 5(a)

hereof; the final term sheet contemplated by Section 5(a) hereof, and any other material required to be filed by the Company pursuant to Rule 433(d) under the Act, shall have been filed with the Commission within the applicable time periods prescribed for such filings by Rule 433; no stop order suspending the effectiveness of the Registration Statement or any part thereof shall have been issued and no proceeding for that purpose shall have been initiated or threatened by the Commission and no notice of objection of the Commission to the use of the Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Act shall have been received; no stop order suspending or preventing the use of the Prospectus or any Issuer Free Writing Prospectus shall have been initiated or threatened by the Commission; and all requests for additional information on the part of the Commission shall have been complied with to your reasonable satisfaction;

(b) [], counsel for the Underwriters, shall have furnished to you such written opinion and negative assurance letter, dated the Time of Delivery, in form and substance satisfactory to you, with respect to such matters as you may reasonably request, and such counsel shall have received such papers and information as they may reasonably request to enable them to pass upon such matters;

(c) The Senior Corporate and Finance Counsel of the Company shall have furnished to you his or her written opinion, dated the Time of Delivery, in form and substance satisfactory to you, to the effect that:

(i) the Company has been duly incorporated and is a validly existing corporation in good standing under the laws of the State of Delaware, and has the corporate power to own or hold under lease the property it purports to own or hold under lease and to carry on the business in which it is engaged;

(ii) the form of the Securities and the Indenture conform in all material respects to the descriptions thereof contained in the Registration Statement, the Pricing Disclosure Package and the Prospectus;

(iii) the issuance, sale and delivery of the Securities by the Company pursuant to this Agreement have been duly and validly authorized by all necessary corporate action; and no authorization, consent or approval of, or filing or registration with, or exemption by, any government or public body or authority of the United States or of any State or any Department or subdivision thereof, other than such as may be required under the securities or blue sky laws of any jurisdiction, is required for the validity of the Securities or for the valid offering, issuance, sale and delivery of the Securities by the Company pursuant to this Agreement or for the execution and delivery by the Company of this Agreement and the Indenture;

(iv) the Indenture has been duly and validly authorized, executed and delivered by the Company and constitutes an instrument valid and binding on the Company and enforceable in accordance with its terms (except as (a) the enforceability thereof may be limited by bankruptcy, insolvency or similar laws affecting the enforcement of creditors' rights generally and (b) rights of acceleration and the availability of equitable remedies may be limited by equitable principles of general applicability);

(v) the Securities are in a form contemplated by the Indenture and have been duly authorized, executed and delivered on behalf of the Company and when authenticated by the Trustee, upon the delivery thereof and payment therefor as provided in this Agreement, the Securities will constitute valid and binding obligations of the Company enforceable in accordance with their respective terms (except as (a) the enforceability thereof may be limited by bankruptcy, insolvency or similar laws affecting the enforcement of creditors' rights generally and (b) rights of acceleration and the availability of equitable remedies may be limited by equitable principles of general applicability), entitled to the benefits of the Indenture;

(vi) this Agreement has been duly authorized, executed and delivered by the Company, and the performance of this Agreement and the consummation of the transactions herein contemplated will not result in a breach of any of the terms or provisions of, or constitute a default under, the Restated Certificate of Incorporation, as amended, or Amended and Restated By-laws of the Company or, to the knowledge of such counsel, any law, administrative regulation or court decree applicable to the Company or by which the Company or any of its properties is bound or affected (except to the extent that the enforceability of the indemnity provisions of this Agreement may be limited by securities laws or public policy);

(vii) the performance of this Agreement and the consummation of the transactions herein contemplated will not result in a breach of any of the terms or provisions of, or constitute a default under, any indenture, deed of trust, note, note agreement or other agreement or instrument known to such counsel to which the Company or any of its subsidiaries is a party or by which the Company or any of its subsidiaries or any of their properties is bound or affected;

(viii) to the best of such counsel's knowledge and other than as set forth in the Pricing Disclosure Package and the Prospectus, there are no legal or governmental proceedings pending to which the Company or any of its subsidiaries is a party or of which any property of the Company or any of its subsidiaries is the subject which, if determined adversely to the Company or any of its subsidiaries, would individually or in the aggregate have a material adverse effect on the current or future consolidated financial position, stockholders' equity or results of operations of the Company and its subsidiaries; and, to the best of such counsel's knowledge, no such proceedings are threatened or contemplated by governmental authorities or threatened by others;

(ix) neither the Company nor any of its subsidiaries is, or, after giving effect to the offering and sale of the Securities and the application of the proceeds thereof, will be an "investment company", as such term is defined in the Investment Company Act;

(x) the documents incorporated by reference in the Pricing Disclosure Package and the Prospectus or any further amendment or supplement thereto made by the Company prior to the Time of Delivery (other than the financial statements and related schedules therein, as to which such counsel need express no opinion), when they became effective or were filed with the Commission, as the case may be, complied as to form in all material respects with the requirements of the Act or the Exchange Act, as applicable, and the rules and regulations of the Commission thereunder; and such counsel has no reason to believe that any of such documents, when such documents became effective or were so filed, as the case may be,

contained, in the case of a registration statement which became effective under the Act, an untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary to make the statements therein not misleading, or, in the case of other documents which were filed under the Act or the Exchange Act with the Commission, an untrue statement of a material fact or omitted to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made when such documents were so filed, not misleading;

(xi) the Registration Statement and any amendments thereof have become and are effective and the Registration Statement, the Prospectus and each amendment thereof or supplement thereto, as of their respective effective or issue dates, complied as to form in all material respects with the requirements of the Act, and the rules and regulations of the Commission thereunder (except that no opinion need be expressed as to financial statements and other financial data), the Securities are registered under the Act, and the Indenture has been qualified under the Trust Indenture Act; in passing upon the form of the Registration Statement and the Prospectus, such counsel has necessarily assumed the correctness and completeness of the statements made or included therein and takes no responsibility therefor, except insofar as to such statements relate to the description of the Securities or the Indenture or relate to such counsel;

(xii) the statements with regard to such counsel made under the heading "Legal Opinions" in the Pricing Disclosure Package and the Prospectus are correct; and

(xiii) although such counsel does not assume any responsibility for the accuracy, completeness or fairness of the statements contained in the Registration Statement, the Pricing Prospectus or the Prospectus, except for those referred to in the opinion in subsections (ii) and (xii) of this Section 8(c), such counsel has no reason to believe (i) that any part of the Registration Statement or any further amendment thereto made by the Company prior to the Time of Delivery (other than the financial statements and related schedules therein, as to which such counsel need express no opinion), when such part or amendment became effective, contained an untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary to make the statements therein not misleading; (ii) that the Pricing Disclosure Package, as of the Applicable Time, contained any untrue statement of a material fact or omitted to state any material fact necessary in order to make the statements therein, in the light of circumstances under which they were made, not misleading; or (iii) that, as of its date and as of the Time of Delivery, the Prospectus or any further amendment or supplement thereto made by the Company prior to the Time of Delivery (other than the financial statements and related schedules therein, as to which such counsel need express no opinion) contained or contains an untrue statement of a material fact or omitted or omits to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(d) At the Time of Delivery, KPMG LLP, the independent accountants of the Company, shall have furnished to you a letter or letters, dated the respective dates of delivery thereof, in form and substance satisfactory to you, to the effect set forth in Annex I hereto;

(e) (i) Neither the Company nor any of its subsidiaries shall have sustained since the date of the Company's latest audited financial statements included or incorporated by reference in the Pricing Prospectus any loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any labor dispute or court or governmental action, order or decree, otherwise than as set forth or contemplated in the Pricing Prospectus, and (ii) since the respective dates as of which information is given in the Pricing Prospectus there shall not have been any change in the capital stock or long term debt of the Company or any of its subsidiaries or any change, or any development involving a prospective change, in or affecting the general affairs, management, financial position, stockholders' equity or results of operations of the Company and its subsidiaries, otherwise than as set forth or contemplated in the Pricing Prospectus, the effect of which, in any such case described in clause (i) or (ii), is in your judgment so material and adverse as to make it impracticable or inadvisable to proceed with the public offering or the delivery of the Securities on the terms and in the manner contemplated in the Pricing Disclosure Package and the Prospectus;

(f) On or after the Applicable Time (i) no downgrading shall have occurred in the rating accorded the Company's debt securities by any "nationally recognized statistical rating organization", as that term is defined in Section 3(a)(62) of the Exchange Act, and (ii) no such organization shall have publicly announced that it has under surveillance or review, with possible negative implications, its rating of any of the Company's debt securities;

(g) On or after the Applicable Time there shall not have occurred any of the following: (i) a suspension or material limitation in trading in securities generally on the New York Stock Exchange; (ii) a suspension or material limitation in trading in the Company's securities on the New York Stock Exchange; (iii) a general moratorium on commercial banking activities declared by either Federal or New York State authorities or a material disruption in commercial banking or securities settlement or clearance services in the United States; (iv) the outbreak or escalation of hostilities involving the United States or the declaration by the United States of a national emergency or war or (v) the occurrence of any other calamity or crisis or any change in financial, political or economic conditions in the United States or elsewhere, if the effect of any such event specified in clause (iv) or (v) in your judgment makes it impracticable or inadvisable to proceed with the public offering or the delivery of the Securities on the terms and in the manner contemplated in the Pricing Disclosure Package and the Prospectus; and

(h) The Company shall have furnished or caused to be furnished to you at the Time of Delivery certificates of officers of the Company satisfactory to you, stating (i) the representations, warranties and agreements of the Company in Section 1 hereof are true and correct as of the date of such certificate with the same effect as if made on such date; and (ii) each person executing such certificate has examined the Registration Statement and the Prospectus and, in such person's opinion (A) the Registration Statement at the date thereof, or as of the most recent amendment thereto, if any, did not contain any untrue statement of a material fact or omit to state a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein not misleading, (B) the Prospectus as supplemented at the date of such certificate does not contain any untrue statement of a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, and (C) since the effective

date of the Registration Statement (or the most recent amendment thereto, if any) there has not occurred any event required to be set forth in an amendment to the Registration Statement which has not been set forth and as to such other matters as you may reasonably request.

9. (a) The Company will indemnify and hold harmless each Underwriter, its affiliates, their agents, directors, officers, and each person, if any, who controls any Underwriter within the meaning of Section 15 of the Act or Section 20 of the Exchange Act, against any losses, claims, damages or liabilities, joint or several, to which such Underwriter may become subject, under the Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, any Issuer Free Writing Prospectus or any "issuer information" filed or required to be filed pursuant to Rule 433(d) under the Act, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, and will reimburse each Underwriter for any legal or other expenses reasonably incurred by such Underwriter in connection with investigating or defending against or appearing as a third party witness in connection with any such loss, claim, damage, liability, or action as such expenses are incurred; provided, however, that the Company shall not be liable in any such case to the extent that any such loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus, in reliance upon and in conformity with written information furnished to the Company by any Underwriter through the Representatives expressly for use therein.

(b) Each Underwriter, severally and not jointly, will indemnify and hold harmless the Company, its directors, its officers and each person, if any, who controls the Company within the meaning of Section 15 of the Act or Section 20 of the Exchange Act against any losses, claims, damages or liabilities to which the Company may become subject, under the Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, in each case to the extent, but only to the extent, that such untrue statement or alleged untrue statement or omission or alleged omission was made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus or any such amendment or supplement thereto, or any Issuer Free Writing Prospectus, in reliance upon and in conformity with written information furnished to the Company by such Underwriter through Representatives expressly for use therein; and will reimburse the Company for any legal or other expenses reasonably incurred by the Company in connection with investigating or defending against or appearing as a third party witness in connection with any such loss, claim, damage, liability or action in respect thereof as such expenses are incurred.

(c) Promptly after receipt by an indemnified party under subsection (a) or (b) above of notice of the commencement of any action, such indemnified party shall, if a claim in respect thereof is to be made against the indemnifying party under such subsection, notify the indemnifying party in writing of the commencement thereof; but the omission so to notify the indemnifying party shall not relieve it from any liability (i) under subsection (a) or (b) unless and to the extent such failure results in the forfeiture by the indemnifying party of substantial rights or defenses or (ii) which it may have to any indemnified party otherwise than under such subsection. In case any such action shall be brought against any indemnified party and it shall notify the indemnifying party of the commencement thereof, the indemnifying party shall be entitled to participate therein and, to the extent that it shall wish, jointly with any other indemnifying party similarly notified, to assume the defense thereof, with counsel satisfactory to such indemnified party (who shall not, except with the consent of the indemnified party, be counsel to the indemnifying party), and, after notice from the indemnifying party to such indemnified party of its election so to assume the defense thereof, the indemnifying party shall not be liable to such indemnified party under such subsection for any legal expenses of other counsel or any other expenses, in each case subsequently incurred by such indemnified party, in connection with the defense thereof other than reasonable costs of investigation. No indemnifying party shall, without the written consent of the indemnified party, effect the settlement or compromise of, or consent to the entry of any judgment with respect to, any pending or threatened action or claim in respect of which indemnification or contribution may be sought hereunder (whether or not the indemnified party is an actual or potential party to such action or claim) unless such settlement, compromise or judgment (i) includes an unconditional release of the indemnified party from all liability arising out of such action or claim and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act, by or on behalf of any indemnified party.

(d) If the indemnification provided for in this Section 9 is unavailable to or insufficient to hold harmless an indemnified party under subsection (a) or (b) above in respect of any losses, claims, damages or liabilities (or actions in respect thereof) referred to therein, then each indemnifying party shall contribute to the amount paid or payable by such indemnified party as a result of such losses, claims, damages or liabilities (or actions in respect thereof) in such proportion as is appropriate to reflect the relative benefits received by the Company on the one hand and the Underwriters on the other from the offering of the Securities. If, however, the allocation provided by the immediately preceding sentence is not permitted by applicable law, then each indemnifying party shall contribute to such amount paid or payable by such indemnified party in such proportion as is appropriate to reflect not only such relative benefits but also the relative fault of the Company on the one hand and the Underwriters on the other in connection with the statements or omissions which resulted in such losses, claims, damages or liabilities (or actions in respect thereof), as well as any other relevant equitable considerations. The relative benefits received by the Company on the one hand and the Underwriters on the other shall be deemed to be in the same proportion as the total net proceeds from the offering (before deducting expenses) received by the Company bear to the total underwriting discounts and commissions received by the Underwriters, in each case as set forth in the table on the cover page of the Prospectus. The relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company on the one hand or the Underwriters on the other and the parties' relative intent, knowledge, access to

information and opportunity to correct or prevent such statement or omission. The Company and the Underwriters agree that it would not be just and equitable if contribution pursuant to this subsection (d) were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation which does not take account of the equitable considerations referred to above in this subsection (d). The amount paid or payable by an indemnified party as a result of the losses, claims, damages or liabilities (or actions in respect thereof) referred to above in this subsection (d) shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending any such action or claim. Notwithstanding the provisions of this subsection (d), no Underwriter shall be required to contribute any amount in excess of the amount by which the total price at which the Securities underwritten by it and distributed to the public were offered to the public exceeds the amount of any damages which such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. The Underwriters' obligations in this subsection (d) to contribute are several in proportions to their respective underwriting obligations and not joint.

(e) The obligations of the Company under this Section 9 shall be in addition to any liability which the Company may otherwise have and shall extend, upon the same terms and conditions, to each person, if any, who controls any Underwriter within the meaning of the Act and each broker-dealer affiliate of any Underwriter; and the obligations of the Underwriters under this Section 9 shall be in addition to any liability which the respective Underwriters may otherwise have and shall extend, upon the same terms and conditions, to each officer and director of the Company (including any person who, with his or her consent, is named in the Registration Statement as about to become a director of the Company) and to each person, if any, who controls the Company within the meaning of the Act.

10. (a) If any Underwriter shall default in its obligation to purchase the Securities which it has agreed to purchase hereunder, you may in your discretion arrange for you or another party or other parties to purchase such Securities on the terms contained herein. If within thirty-six hours after such default by any Underwriter you do not arrange for the purchase of such Securities, then the Company shall be entitled to a further period of thirty-six hours within which to procure another party or other parties satisfactory to you to purchase such Securities on such terms. In the event that, within the respective prescribed periods, you notify the Company that you have so arranged for the purchase of such Securities, or the Company notifies you that it has so arranged for the purchase of such Securities, you or the Company shall have the right to postpone the Time of Delivery for a period of not more than seven days, in order to effect whatever changes may thereby be made necessary in the Registration Statement or the Prospectus, or in any other documents or arrangements, and the Company agrees to file promptly any amendments or supplements to the Registration Statement or the Prospectus which in your opinion may thereby be made necessary. The term "Underwriter" as used in this Agreement shall include any person substituted under this Section with like effect as if such person had originally been a party to this Agreement with respect to such Securities.

(b) If, after giving effect to any arrangements for the purchase of the Securities of a defaulting Underwriter or Underwriters by you and the Company as provided in

subsection (a) above, the aggregate principal amount of such Securities which remains unpurchased does not exceed one-eleventh of the aggregate principal amount of all the Securities, then the Company shall have the right to require each non-defaulting Underwriter to purchase the principal amount of Securities which such Underwriter agreed to purchase hereunder and, in addition, to require each non-defaulting Underwriter to purchase its pro rata share (based on the principal amount of Securities which such Underwriter agreed to purchase hereunder) of the Securities of such defaulting Underwriter or Underwriters for which such arrangements have not been made; but nothing herein shall relieve a defaulting Underwriter from liability for its default.

(c) If, after giving effect to any arrangements for the purchase of the Securities of a defaulting Underwriter or Underwriters by you and the Company as provided in subsection (a) above, the aggregate principal amount of Securities which remains unpurchased exceeds one-eleventh of the aggregate principal amount of all the Securities, or if the Company shall not exercise the right described in subsection (b) above to require non-defaulting Underwriters to purchase Securities of a defaulting Underwriter or Underwriters, then this Agreement shall thereupon terminate, without liability on the part of any non-defaulting Underwriter or the Company, except for the expenses to be borne by the Company and the Underwriters as provided in Section 7 hereof and the indemnity and contribution agreements in Section 9 hereof; but nothing herein shall relieve a defaulting Underwriter from liability for its default.

11. The respective indemnities, agreements, representations, warranties and other statements of the Company and the several Underwriters, as set forth in this Agreement or made by or on behalf of them, respectively, pursuant to this Agreement, shall remain in full force and effect, regardless of any investigation (or any statement as to the results thereof) made by or on behalf of any Underwriter or any controlling person of any Underwriter, or the Company, or any officer or director or controlling person of the Company, and shall survive delivery of and payment for the Securities.

12. If this Agreement shall be terminated pursuant to Section 10 hereof, the Company shall not then be under any liability to any Underwriter except as provided in Sections 7 and 9 hereof; but, if for any other reason, the Securities are not delivered by or on behalf of the Company as provided herein, the Company will reimburse the Underwriters through you for all out of pocket expenses approved in writing by you, including fees and disbursements of counsel, reasonably incurred by the Underwriters in making preparations for the purchase, sale and delivery of the Securities, but the Company shall then be under no further liability to any Underwriter except as provided in Sections 7 and 9 hereof.

13. In all dealings hereunder, you shall act on behalf of each of the Underwriters, and the parties hereto shall be entitled to act and rely upon any statement, request, notice or agreement on behalf of any Underwriter made or given by you.

All statements, requests, notices and agreements hereunder shall be in writing, and if to the Underwriters shall be delivered or sent by mail, telex or facsimile transmission to you as the Representatives at your address stated in Schedule I; and if to the Company shall be delivered or sent by mail, telex or facsimile transmission to the address of the Company set forth

in the Registration Statement, Attention: Treasurer; provided, however, that any notice to an Underwriter pursuant to Section 9(c) hereof shall be delivered or sent by mail, telex or facsimile transmission to such Underwriter at its address set forth in its Underwriters' Questionnaire, or telex constituting such Questionnaire, which address will be supplied to the Company by you upon request.

In accordance with the requirements of the USA Patriot Act (Title III of Pub. L. 107-56 (signed into law October 26, 2001)), the Underwriters are required to obtain, verify and record information that identifies their respective clients, including the Company, which information may include the name and address of their respective clients, as well as other information that will allow the Underwriters to properly identify their respective clients.

14. This Agreement shall be binding upon, and inure solely to the benefit of, the Underwriters, the Company and, to the extent provided in Sections 9 and 11 hereof, the officers and directors of the Company and each person who controls the Company or any Underwriter, and their respective heirs, executors, administrators, successors and assigns, and no other person shall acquire or have any right under or by virtue of this Agreement. No purchaser of any of the Securities from any Underwriter shall be deemed a successor or assign by reason merely of such purchase.

15. Time shall be of the essence of this Agreement. As used herein, the term "business day" shall mean any day when the Commission's office in Washington, D.C. is open for business.

16. The Company acknowledges and agrees that (i) the purchase and sale of the Securities pursuant to this Agreement is an arm's-length commercial transaction between the Company, on the one hand, and the several Underwriters, on the other, (ii) in connection therewith and with the process leading to such transaction each Underwriter is acting solely as a principal and not the agent or fiduciary of the Company, (iii) no Underwriter has assumed an advisory or fiduciary responsibility in favor of the Company with respect to the offering contemplated hereby or the process leading thereto (irrespective of whether such Underwriter has advised or is currently advising the Company on other matters) or any other obligation to the Company except the obligations expressly set forth in this Agreement and (iv) the Company has consulted its own legal and financial advisors to the extent it deemed appropriate. The Company agrees that it will not claim that the Underwriters, or any of them, has rendered advisory services of any nature or respect, or owes a fiduciary or similar duty to the Company, in connection with such transaction or the process leading thereto.

17. This Agreement supersedes all prior agreements and understandings (whether written or oral) between the Company and the Underwriters, or any of them, with respect to the subject matter hereof.

18. This Agreement shall be governed by and construed in accordance with the laws of the State of New York.

19. The Company and each of the Underwriters hereby irrevocably waives, to the fullest extent permitted by applicable law, any and all right to trial by jury in any legal proceeding arising out of or relating to this Agreement or the transactions contemplated hereby.

20. This Agreement may be executed by any one or more of the parties hereto in any number of counterparts, each of which shall be deemed to be an original, but all such respective counterparts shall together constitute one and the same instrument.

If the foregoing is in accordance with your understanding, please sign and return to us five counterparts hereof, and upon the acceptance hereof by you on behalf of each of the Underwriters, this letter and such acceptance hereof shall constitute a binding agreement between each of the Underwriters and the Company. It is understood that your acceptance of this letter on behalf of each of the Underwriters is pursuant to the authority set forth in a form of Agreement among Underwriters, the form of which shall be submitted to the Company for examination upon request, but without warranty on your part as to the authority of the signers thereof.

Very truly yours,

AIR PRODUCTS AND CHEMICALS, INC.

By: _____

Name:

Title:

Underwriting Agreement — Company Signature Page

Accepted as of the date hereof:

[]

[]

As Representatives of the several
Underwriters listed on Schedule II

[]

By: _____

Name:

Title:

[]

By: _____

Name:

Title:

Underwriting Agreement — Representatives Acceptance

Underwriting Agreement dated []

Registration No. []

Representatives: []

Title, Purchase Price and Description of Securities:

Title: []% Notes due []

Principal amount: \$[]

Purchase price: []% of the principal amount of Notes plus accrued interest from [].

Offering price: []% of the principal amount of Notes plus accrued interest from [].

Maturity: []

Interest: Accruing from [], payable on [] and [] of each year, commencing on []

Sinking fund provisions: None.

Optional Redemption: The Notes are redeemable by the Company at any time prior to [] at a make whole redemption price.

Closing Date, Time and Location: [], at the offices of [] or such other place as the Underwriters and the Company mutually agree.

Other Terms:

1. Issuer Free Writing Prospectuses not included in the Pricing Disclosure Package: []

2. Contact Information for notices to the Representatives:

[]

[]

Applicable Time: [] P.M. New York City time on the date of this Agreement

<u>Underwriter</u>	<u>Principal Amount of Securities to be Purchased</u>
[]	\$ []
[]	[]
Total	\$ []

**[FORM OF ANNEX I DESCRIPTION OF COMFORT LETTER
FOR REGISTRATION STATEMENTS ON FORM S-3]**

Pursuant to Section 8(d) of the Underwriting Agreement, the accountants shall furnish letters to the Underwriters to the effect that:

(i) They are independent certified public accountants with respect to the Company and its subsidiaries within the meaning of the Act and the applicable published rules and regulations thereunder and the Public Company Accounting Oversight Board (“PCAOB”);

(ii) In their opinion, the financial statements and any supplementary financial information and schedules (and, if applicable, prospective financial statements and/or pro forma financial information) examined by them and included or incorporated by reference in the Registration Statement, the Pricing Prospectus or the Prospectus comply as to form in all material respects with the applicable accounting requirements of the Act or the Exchange Act, as applicable, and the related published rules and regulations thereunder; and, if applicable, they have made a review in accordance with standards established by the PCAOB of the consolidated interim financial statements, selected financial data, pro forma financial information, prospective financial statements and/or condensed financial statements derived from audited financial statements of the Company for the periods specified in such letter, as indicated in their reports thereon, copies of which have been separately furnished to the Representatives;

(iii) They have made a review in accordance with standards established by the PCAOB of the unaudited condensed consolidated statement of income, consolidated balance sheets and consolidated statements of cash flows included in the Prospectus and/or included in the Company’s quarterly report on Form 10-Q incorporated by reference into the Prospectus as indicated in their reports thereon copies of which have been separately furnished to the Representatives are attached hereto; and on the basis of specified procedures including inquiries of officials of the Company who have responsibility for financial and accounting matters regarding whether the unaudited condensed consolidated financial statements referred to in paragraph (vi)(A)(i) below comply as to form in the related in all material respects with the applicable accounting requirements of the Act and the Exchange Act and the related published rules and regulations, nothing came to their attention that caused them to believe that the unaudited condensed consolidated financial statements do not comply as to form in all material respects with the applicable accounting requirements of the Act and the Exchange Act and the related published rules and regulations;

(iv) The unaudited selected financial information with respect to the consolidated results of operations and financial position of the Company for the five most recent fiscal years included in the Prospectus and included or incorporated by reference in Item 6 of the Company’s Annual Report on Form 10-K for the most recent fiscal year agrees with the corresponding amounts (after restatement where applicable) in the audited consolidated financial statements for such five fiscal years which were included or incorporated by reference in the Company’s Annual Reports on Form 10-K for such fiscal years;

(v) They have compared the information in the Prospectus under selected captions with the disclosure requirements of Regulation S-K and on the basis of limited procedures specified in such letter nothing came to their attention as a result of the foregoing procedures that caused them to believe that this information does not conform in all material respects with the disclosure requirements of Item S-301, 302, 402 and 503(d), respectively, of Regulation S-K;

(vi) On the basis of limited procedures, not constituting an examination in accordance with generally accepted auditing standards, consisting of a reading of the unaudited financial statements and other information referred to below, a reading of the latest available interim financial statements of the Company and its subsidiaries, inspection of the minute books of the Company and its subsidiaries since the date of the latest audited financial statements included or incorporated by reference in the Prospectus, inquiries of officials of the Company and its subsidiaries responsible for financial and accounting matters and such other inquiries and procedures as may be specified in such letter, nothing came to their attention that caused them to believe that:

(A) (i) the unaudited condensed consolidated statements of income, consolidated balance sheets and consolidated statements of cash flows included in the Prospectus and/or included or incorporated by reference in the Company's Quarterly Reports on Form 10-Q incorporated by reference in the Prospectus do not comply as to form in all material respects with the applicable accounting requirements of the Exchange Act and the related published rules and regulations, or (ii) any material modifications should be made to the unaudited consolidated statements of income, consolidated balance sheets and consolidated statements of cash flows included or incorporated by reference in the Company's Quarterly Reports on Form 10-Q incorporated by reference in the Prospectus, for them to be in conformity with generally accepted accounting principles

(B) any other unaudited income statement data and balance sheet items included in the Prospectus do not agree with the corresponding items in the unaudited consolidated financial statements from which such data and items were derived, and any such unaudited data and items were not determined on a basis substantially consistent with the basis for the corresponding amounts in the audited consolidated financial statements included or incorporated by reference in the Company's Annual Report on Form 10-K for the most recent fiscal year

(C) the unaudited financial statements which were not included in the Prospectus but from which were derived the unaudited condensed financial statements referred to in clause (A) and any unaudited income statement data and balance sheet items included in the Prospectus and referred to in clause (B) were not determined on a basis substantially consistent with the basis for the audited financial statements included or incorporated by reference in the Company's Annual Report on Form 10-K for the most recent fiscal year;

(D) any unaudited pro forma consolidated condensed financial statements included or incorporated by reference in the Prospectus do not comply as to form in all material respects with the applicable accounting requirements of the Act and the published rules and regulations thereunder or the pro forma adjustments have not been properly applied to the historical amounts in the compilation of those statements;

(E) as of a specified date not more than five days prior to the date of such letter, there have been any changes in the consolidated capital stock (other than issuances of capital stock upon exercise of options and stock appreciation rights, upon earn outs of performance shares and upon conversions of convertible securities, in each case which were outstanding on the date of the latest balance sheet included or incorporated by reference in the Prospectus) or any increase in the consolidated long term debt of the Company and its subsidiaries, or any decreases in consolidated net current assets or stockholders' equity or other items specified by the Representatives, or any increases in any items specified by the Representatives, in each case as compared with amounts shown in the latest balance sheet included or incorporated by reference in the Prospectus, except in each case for changes, increases or decreases which the Prospectus discloses have occurred or may occur or which are described in such letter; and

(F) for the period from the date of the latest financial statements included or incorporated by reference in the Prospectus to the specified date referred to in clause (E) there were any decreases in consolidated net revenues or operating profit or the total or per share amounts of consolidated net income or other items specified by the Representatives, or any increases in any items specified by the Representatives, in each case as compared with the comparable period of the preceding year and with any other period of corresponding length specified by the Representatives, except in each case for increases or decreases which the Prospectus discloses have occurred or may occur or which are described in such letter; and

(vii) In addition to the examination referred to in their report(s) included or incorporated by reference in the Prospectus and the limited procedures, inspection of minute books, inquiries and other procedures referred to in paragraphs (iii) and (vi) above, they have carried out certain specified procedures, not constituting an examination in accordance with generally accepted auditing standards, with respect to certain amounts, percentages and financial information specified by the Representatives which are derived from the general accounting records of the Company and its subsidiaries, which appear in the Prospectus (excluding documents incorporated by reference) or in Part II of, or in exhibits and schedules to, the Registration Statement specified by the Representatives or in documents incorporated by reference in the Prospectus specified by the Representatives, and have compared certain of such amounts, percentages and financial information with the accounting records of the Company and its subsidiaries and have found them to be in agreement.

RESTATED CERTIFICATE OF INCORPORATION**OF****AIR PRODUCTS AND CHEMICALS, INC.**

The original Certificate of Incorporation of Air Products and Chemicals, Inc. was filed with the Secretary of State of Delaware on May 25, 1961. The following Restated Certificate of Incorporation restates and integrates but does not further amend the Certificate of Incorporation as heretofore amended or supplemented, and there is no discrepancy between those provisions and the provisions of this Restated Certificate of Incorporation.

FIRST. The name of the corporation (hereinafter referred to as the "Corporation") is Air Products and Chemicals, Inc.

SECOND. The Corporation's registered office in the State of Delaware is located at 1209 Orange Street, Wilmington, New Castle County, Delaware 19801. The name of its registered agent at such address is The Corporation Trust Company.

THIRD. The purpose of the Corporation is to engage in any lawful activity for which corporations may be organized under the General Corporation Law of the State of Delaware.

FOURTH. The total number of shares of stock which the Corporation shall have authority to issue is one hundred seventy-five million (175,000,000) shares, consisting of one hundred fifty million (150,000,000) shares of common stock having a par value of \$1 per share and twenty-five million (25,000,000) shares of preferred stock having a par value of \$1 per share.

The Board of Directors is authorized, subject to limitations prescribed by law and the provisions of this Article Fourth, to provide for the issuance of the preferred shares in series, and by filing a certificate pursuant to the General Corporation Law of the State of Delaware, to establish the number of shares to be included in each such series, and to fix the designation, rights, preferences and limitations of the shares of each such series. The authority of the Board with respect to each series shall include, but not be limited to, determination of the following:

- (a) The number of shares constituting that series and the distinctive designation of that series;
- (b) The dividend rate on the shares of that series, whether dividends shall be cumulative, and, if so, from which date or dates, and the relative rights of priority, if any, of payment of dividends on shares of that series;
- (c) Whether that series shall have voting rights, in addition to the voting rights provided by law, and, if so, the terms of such voting rights;
- (d) Whether that series shall have conversion privileges, and, if so, the terms and conditions of such conversion, including provision for adjustment of the conversion rate in such events as the Board of Directors shall determine;

- (e) Whether or not the shares of that series shall be redeemable, and, if so, the terms and conditions of such redemption, including the date or dates upon or after which they shall be redeemable, and the amount per share payable in case of redemption, which amount may vary under different conditions and at different redemption dates;
- (f) Whether that series shall have a sinking fund for the redemption or purchase of shares of that series, and, if so, the terms and amount of such sinking fund;
- (g) The rights of the shares of that series in the event of voluntary or involuntary liquidation, dissolution or winding up of the Corporation, and the relative rights of priority, if any, of payment of shares of that series;
- (h) Any other relative rights, preferences and limitations of that series.

Dividends on outstanding preferred shares shall be declared and paid, or set apart for payment, before any dividends shall be declared and paid, or set apart for payment, on the common shares with respect to the same dividend period.

FIFTH. Unless and except to the extent that the By-laws of the Corporation shall so require, the election of directors of the Corporation need not be by written ballot.

In furtherance and not in limitation of the powers conferred by the laws of the State of Delaware, the Board of Directors is expressly authorized and empowered:

- (a) to make, alter and repeal the By-laws of the Corporation; and
- (b) to exercise all such powers and to do all such acts and things as may be exercised and done by the Corporation; subject, nevertheless, to the provisions of said laws, of this Certificate of Incorporation as from time to time amended, and of the By-laws of the Corporation.

SIXTH. No holder of any stock of the Corporation of any class whatsoever, whether now or hereafter authorized, shall have any right, preemptive or otherwise, as such holder (other than such right, if any, as the Board of Directors in its discretion may determine) to purchase, subscribe for or otherwise acquire any shares of stock of the Corporation of any class whatsoever, whether now or hereafter authorized, or any securities convertible into or exchangeable for any such shares, or any warrants or other instruments evidencing rights or options to subscribe for, purchase, or otherwise acquire any such shares, whether such shares, securities, warrants or other instruments be unissued, or issued and thereafter acquired by the Corporation.

SEVENTH. Whenever a compromise or arrangement is proposed between the Corporation and its creditors or any class of them and/or between the Corporation and its stockholders or any class of them, any court of equitable jurisdiction within the State of Delaware may, on the application in a summary way of the Corporation or of any creditor or stockholder thereof, or on the application of any receiver or receivers appointed for the Corporation under the provisions of Section 291 of Title 8 of the Delaware Code or on the

application of trustees in dissolution or of any receiver or receivers appointed for the Corporation under the provisions of Section 279 of Title 8 of the Delaware Code, order a meeting of the creditors or class of creditors, and/or of the stockholders or class of stockholders of the Corporation, as the case may be, to be summoned in such manner as the said court directs. If a majority in number representing three-fourths in value of the creditors or class of creditors, and/or of the stockholders or class of stockholders of the Corporation, as the case may be, agree to any compromise or arrangement and to any reorganization of the Corporation as consequence of such compromise or arrangement, the said compromise or arrangement and the said reorganization shall, if sanctioned by the court to which the said application has been made, be binding on all the creditors or class of creditors, and/or on all the stockholders or class of stockholders, of the Corporation, as the case may be, and also on the Corporation.

EIGHTH. The Corporation reserves the right at any time and from time to time to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, and other provisions authorized by the laws of the State of Delaware at the time in force may be added or inserted, in the manner now or hereafter prescribed by law; and all rights, preferences and privileges of whatsoever nature conferred upon stockholders, directors or any other person whomsoever by or pursuant to this Certificate of Incorporation in its present form or as hereafter amended are granted subject to the right reserved in this Article.

NINTH. Section 1. A director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which the director derived any improper personal benefit. If the Delaware General Corporation Law is amended after approval by the stockholders of this article to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the Corporation shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.

Any repeal or modification of the foregoing paragraph by the stockholders of the Corporation shall not adversely affect any right or protection of a director of the Corporation existing at the time of such repeal or modification.

Section 2. (a) *Right to Indemnification*. Each person who was or is made a party or is threatened to be made a party to or is otherwise involved in any action, suit or proceeding, whether civil, criminal, administrative or investigative (hereinafter a "proceeding"), by reason of the fact that he or she is or was a director, officer or employee of the Corporation or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans (hereinafter an "indemnatee"), whether the basis of such proceeding is alleged action in an official capacity as a director, officer, employee or agent or in any other capacity while serving as a director, officer, employee or agent, shall be indemnified and held harmless by the Corporation to the fullest extent authorized by the Delaware General Corporation Law, as the same exists or may hereafter be amended (but, in the case of any such amendment, only to the extent that such amendment permits the Corporation to provide broader

indemnification rights than such law permitted the Corporation to provide prior to such amendment), against all expense, liability and loss (including attorneys' fees, judgments, fines, ERISA excise taxes or penalties and amounts paid in settlement) reasonably incurred or suffered by such indemnitee in connection therewith and such indemnification shall continue as to an indemnitee who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the indemnitee's heirs, executors and administrators; *provided, however*, that, except as provided in paragraph (b) hereof with respect to proceedings to enforce rights to indemnification, the Corporation shall indemnify any such indemnitee in connection with a proceeding (or part thereof) initiated by such indemnitee only if such proceeding (or part thereof) was authorized by the Board of Directors of the Corporation. The right to indemnification conferred in this Section shall be a contract right and shall include the right to be paid by the Corporation the expenses incurred in defending any such proceeding in advance of its final disposition (hereinafter an "advancement of expenses"); *provided, however*, that, if the Delaware General Corporation Law requires, an advancement of expenses incurred by an indemnitee in his or her capacity as a director or officer (and not in any other capacity in which service was or is rendered by such indemnitee, including without limitation, service to an employee benefit plan) shall be made only upon delivery to the Corporation of an undertaking, by or on behalf of such indemnitee, to repay all amounts so advanced if it shall ultimately be determined by final judicial decision from which there is no further right to appeal that such indemnitee is not entitled to be indemnified for such expenses under this Section or otherwise (hereinafter an "undertaking").

(b) *Right of Indemnitee to Bring Suit.* If a claim under paragraph (a) of this Section is not paid in full by the Corporation within sixty days after a written claim has been received by the Corporation, except in the case of a claim for an advancement of expenses, in which case the applicable period shall be twenty days, the indemnitee may at any time thereafter bring suit against the Corporation to recover the unpaid amount of the claim. If successful in whole or in part in any such suit or in a suit brought by the Corporation to recover an advancement of expenses pursuant to the terms of an undertaking, the indemnitee shall be entitled to be paid also the expense of prosecuting or defending such suit. In (i) any suit brought by the indemnitee to enforce a right to indemnification hereunder (but not in a suit brought by the indemnitee to enforce a right to an advancement of expenses) it shall be a defense that, and (ii) any suit by the Corporation to recover an advancement of expenses pursuant to the terms of an undertaking the Corporation shall be entitled to recover such expenses upon a final adjudication that, the indemnitee has not met the applicable standard of conduct set forth in the Delaware General Corporation Law. Neither the failure of the Corporation (including its Board of Directors, independent legal counsel, or its stockholders) to have made a determination prior to the commencement of such suit that indemnification of the indemnitee is proper in the circumstances because the indemnitee has met the applicable standard of conduct set forth in the Delaware General Corporation Law, nor an actual determination by the Corporation (including its Board of Directors, independent legal counsel, or its stockholders) that the indemnitee has not met such applicable standard of conduct, shall create a presumption that the indemnitee has not met the applicable standard of conduct or, in the case of such a suit brought by the indemnitee, be a defense to such suit. In any suit brought by the indemnitee to enforce a right hereunder, or by the Corporation to recover an advancement of expenses pursuant to the terms of an undertaking, the burden of proving that the indemnitee is not entitled to be indemnified or to such advancement of expenses under this Section or otherwise shall be on the Corporation.

(c) *Non-Exclusivity of Rights.* The rights to indemnification and to the advancement of expenses conferred in this Section shall not be exclusive of any other right which any person may have or hereafter acquire under any statute, this Certificate of Incorporation, by-law, agreement, vote of stockholders or disinterested directors or otherwise.

(d) *Insurance.* The Corporation may maintain insurance, at its expense, to protect itself and any director, officer, employee or agent of the Corporation or another corporation, partnership, joint venture, trust or other enterprise against any expense, liability or loss, whether or not the Corporation would have the power to indemnify such person against such expense, liability or loss under the Delaware General Corporation Law.

(e) *Indemnification of Agents of the Corporation.* The Corporation may, to the extent authorized from time to time by the Board of Directors, grant rights to indemnification and to the advancement of expenses, to any agent of the Corporation to the fullest extent of the Provisions of this Section with respect to the indemnification and advancement of expenses of directors, officers and employees of the Corporation.

TENTH. The number of directors which shall constitute the whole Board of Directors of the Corporation shall be the number from time to time fixed by or in the manner provided in the By-laws of the Corporation, but not less than five nor more than fifteen. At the time of the Corporation's annual meeting of stockholders in 1983, the Board of Directors shall be divided into three classes: class I, class II and class III. Such classes shall be as nearly equal in number as possible. The term of office of the initial class I directors shall expire at the annual meeting of the stockholders in 1984; the term of office of the initial class II directors shall expire at the annual meeting of stockholders in 1985; and the term of office of the initial class III directors shall expire at the annual meeting of stockholders in 1986, or thereafter in each case when their respective successors are elected and qualified. At each annual election held after 1983, the directors chosen to succeed those whose terms are expiring shall be identified as being of the same class as the directors whom they succeed and shall be elected for a term expiring at the third succeeding annual meeting of stockholders or thereafter in each case when their respective successors are elected and qualified. When the number of directors is changed, any increase or decrease in the number of directorships shall be apportioned among the classes so as to make all classes as nearly equal in number as possible. Any vacancy on the Board or Directors, whether arising through death, resignation or removal of a director or through an increase in the number of directors, shall be filled only by a majority vote of all of the remaining directors, even though less than a quorum, or by a sole remaining director, or as provided by statute.

ELEVENTH. Any action required or permitted to be taken by the stockholders of the Corporation must be effected at a duly called annual or special meeting of the stockholders of the Corporation and may not be effected by any consent in writing.

This Restated Certificate of Incorporation was duly adopted by the Board of Directors in accordance with the provisions of Section 245 of the General Corporation Law of Delaware.

IN WITNESS WHEREOF, said Air Products and Chemicals, Inc. has caused its corporate seal to be hereunto affixed and this certificate to be signed by Dexter F. Baker, its Chairman of

the Board and President, and attested to by Richard A. Gray, Jr., its Vice President and Corporate Secretary, this 31st day of March, 1987.

AIR PRODUCTS AND CHEMICALS, INC.

By /s/ Dexter F. Baker

Chairman of the Board and President

By /s/ Richard A. Gray, Jr.

Vice President and Corporate Secretary

UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION (“DTC” OR THE “DEPOSITARY”), TO THE ISSUER OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL SINCE THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

THIS SECURITY IS A GLOBAL SECURITY AS REFERRED TO IN THE INDENTURE HEREINAFTER REFERENCED. UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR THE INDIVIDUAL SECURITIES REPRESENTED HEREBY, THIS GLOBAL SECURITY MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITARY TO A NOMINEE OF THE DEPOSITARY OR BY A NOMINEE OF THE DEPOSITARY TO THE DEPOSITARY OR ANOTHER NOMINEE OF THE DEPOSITARY OR BY THE DEPOSITARY OR ANY SUCH NOMINEE TO A SUCCESSOR DEPOSITARY OR A NOMINEE OF SUCH SUCCESSOR DEPOSITARY.

AIR PRODUCTS AND CHEMICALS, INC.

[]% Note due []

CUSIP []
ISIN []

No. []

Interest Payment Dates: [] and [] of each year, commencing []

Record Dates: Fifteenth calendar day preceding each Interest Payment Date

Interest Rate: []% per annum

Original Issue Date: [] Maturity Date: []

AIR PRODUCTS AND CHEMICALS, INC., a Delaware corporation (the “Issuer”), for value received, hereby promises to pay to Cede & Co., or registered assigns, the principal sum of [] ([]) on the Maturity Date specified above or upon earlier redemption at the Corporate Trust Office of the Trustee in the Borough of Manhattan, The City of New York, State of New York, or such other location or locations as may be provided for pursuant to the Indenture referred to herein, in such coin, currency or currency unit specified above as at the time of payment shall be legal tender for the payment of public and private debts, and to pay interest semiannually on each Interest Payment Date in each year and on the Maturity Date or upon earlier redemption or repayment; commencing with the first Interest Payment Date next succeeding the Original Issue Date specified above on said principal sum at the Interest Rate specified above from the most recent date to which interest has been paid or duly provided for,

or, if no interest has been paid or duly provided for, from the Original Issue Date, until the principal hereof becomes due and payable; provided, however, that any payment of principal or interest to be made on an Interest Payment Date, on the Maturity Date or on a date fixed for redemption which is not a Business Day (as hereinafter defined) shall be made on the next succeeding Business Day with the same force and effect as if made on the Interest Payment Date, on the Maturity Date or on the date fixed for redemption, as the case may be, and no additional interest shall accrue as a result of such delayed payment. For purposes of this Note, "Business Day," means any day, other than a Saturday or Sunday, that is neither a legal holiday nor a day on which banking institutions are authorized or required by law or regulation to close in New York, New York.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will be paid to the person in whose name this Note (or one or more predecessor Notes) is registered at the close of business on the Record Date (whether or not a Business Day) immediately preceding such Interest Payment Date and interest payable on the Maturity Date or upon earlier redemption will be payable to the person to whom principal is payable, except that, if this Note is issued between a Record Date and the initial Interest Payment Date relating to such Record Date, interest for the period beginning on the Original Issue Date and ending on such initial Interest Payment Date shall be paid to the person to whom this Note shall have been originally issued. Payment of principal and interest on this Note will be made, if at maturity or upon earlier redemption, then on the Maturity Date or the date fixed for redemption, as applicable, upon surrender of this Note at the Corporate Trust Office of the Trustee in The City of New York. All such payments shall be made in immediately available funds, provided that this Note is presented to the Corporate Trust Office of the Trustee in The City of New York in time for the Trustee to make such payments in such funds in accordance with its normal procedures. Payment of interest on this Note (other than interest paid on the Maturity Date or upon earlier redemption) will be made by check mailed to the address of the person entitled thereto appearing on the register for the Notes on the applicable Record Date. At the option of the Issuer or a holder of Notes (as defined on the reverse hereof) in an aggregate principal amount exceeding \$5 million, payment of interest on this Note (other than interest paid on the Maturity Date or upon earlier redemption) will be made by wire transfer to an account maintained by such holder with a bank located in the United States, provided that any such holder selecting such option shall have designated such account by written notice to the Trustee no later than the Record Date preceding the applicable Interest Payment Date. Notwithstanding the foregoing, payments of principal and interest on Global Securities shall be made in accordance with the Depositary's procedures. Any interest not punctually paid or duly provided for shall be payable as provided in the Indenture referred to on the reverse hereof.

Interest will be computed on the basis of a 360-day year of twelve 30-day months.

REFERENCE IS HEREBY MADE TO THE FURTHER PROVISIONS OF THIS NOTE SET FORTH ON THE REVERSE HEREOF, WHICH FURTHER PROVISIONS SHALL HAVE THE SAME EFFECT AS THOUGH FULLY SET FORTH AT THIS PLACE.

This Note shall not be valid or become obligatory for any purpose until the certificate of authentication hereon shall have been manually signed by or on behalf of the Trustee under the Indenture referred to on the reverse hereof.

IN WITNESS WHEREOF, the Issuer has caused this instrument to be signed in its name by the facsimile signatures of its duly authorized officers, and has caused its corporate seal to be affixed hereunto or imprinted hereon by facsimile.

Dated: []

AIR PRODUCTS AND CHEMICALS, INC

By: _____
Name:
Title:

(CORPORATE SEAL)

Attest:

Name:
Title:

[Signature Page to Note]

TRUSTEE'S CERTIFICATE OF AUTHENTICATION

This is one of the Debt Securities of the series designated therein referred to in the within-mentioned Indenture.

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as Trustee

By:

Authorized Officer

Dated: []

REVERSE OF NOTE

This Note is one of a duly authorized issue of unsecured debentures, notes or other evidences of indebtedness of the Issuer (hereinafter called the "Securities") of the series hereinafter specified, all issued or to be issued under and pursuant to an indenture dated as of January 10, 1995 (the "Indenture"), duly executed and delivered by the Issuer to The Bank of New York Mellon Trust Company, N.A., successor to U.S. Bank National Association (formerly Wachovia Bank, National Association and initially First Fidelity Bank, National Association), as Trustee (the "Trustee"), to which Indenture and all indentures supplemental thereto reference is hereby made for a description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Issuer and the holders (the words "holders" or "holder" meaning the registered holders or registered holder of the Securities). The Securities may be issued in one or more series, which different series (and which securities issued within each series) may be issued in various aggregate principal amounts, may mature at different times, may bear interest (if any) at different rates, may be subject to different redemption or repayment provisions (if any), may be subject to different sinking fund or analogous provisions (if any), may be subject to different Events of Default (as defined in the Indenture) and may otherwise vary as in the Indenture provided. This Note is one of a series designated as "[]% Notes due []" (the "Notes") of the Issuer, initially limited in aggregate principal amount to [], subject to the right of the Issuer to reopen the series and issue additional principal amounts.

In case an Event of Default with respect to the Notes shall have occurred and be continuing, the principal hereof may be declared, and upon such declaration shall become, due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Notes may be redeemed, as a whole or in part, at the Issuer's option, on any date that is prior to [], upon mailing a notice of such redemption not less than 30 days nor more than 60 days prior to the date fixed for redemption to the holders of the Notes at their last registered addresses, all as provided in the Indenture, at a redemption price equal to the greater of: (i) 100% of the principal amount of the Notes to be redeemed, plus accrued and unpaid interest, if any, to, but excluding, the redemption date; or (ii) the sum of the present values of the Remaining Scheduled Payments, as defined below, discounted, on a semiannual basis, assuming a 360-day year consisting of twelve 30-day months, at the Treasury Rate, as defined below, plus [] ([] basis points, plus accrued interest to the date of redemption which has not been paid.

"Treasury Rate" means, with respect to any redemption date for the Notes: (i) the yield, under the heading which represents the average for the immediately preceding week, appearing in the most recently published statistical release designated "H.15(519)" or any successor publication which is published weekly by the Board of Governors of the Federal Reserve System and which establishes yields on actively traded United States Treasury securities adjusted to constant maturity under the caption "Treasury Constant Maturities," for the maturity corresponding to the Comparable Treasury Issue; provided that if no maturity is within three months before or after the maturity date for the Notes, yields for the two published maturities most closely corresponding to the Comparable Treasury Issue will be determined and the Treasury Rate will be interpolated or extrapolated from those yields on a straight line basis rounding to the nearest month; or (ii) if that release, or any successor release, is not published

during the week preceding the calculation date or does not contain such yields, the rate per annum equal to the semiannual equivalent yield to maturity of the Comparable Treasury Issue, calculated using a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for that redemption date. The Treasury Rate will be calculated on the third business day preceding the redemption date.

“Comparable Treasury Issue” means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term of the Notes to be redeemed that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of such Notes.

“Comparable Treasury Price” means, with respect to any redemption date for the Notes: (i) the average of four Reference Treasury Dealer Quotations for that redemption date, after excluding the highest and lowest of such Reference Treasury Dealer Quotations; or (ii) if the Independent Investment Banker obtains fewer than four Reference Treasury Dealer Quotations, the average of all quotations obtained by the Independent Investment Banker.

“Independent Investment Banker” means one of the Reference Treasury Dealers, appointed by the Issuer.

“Reference Treasury Dealer” means each of [] and [] and [] other treasury dealer(s) selected by the Issuer, and their respective successors; provided, however, that if any of the foregoing shall cease to be a primary U.S. Government securities dealer, which we refer to as a “Primary Treasury Dealer,” the Issuer will substitute therefor another nationally recognized investment banking firm that is a Primary Treasury Dealer.

“Reference Treasury Dealer Quotations” means, with respect to each Reference Treasury Dealer and any redemption date, the average, as determined by the Independent Investment Banker, of the bid and asked prices for the Comparable Treasury Issue, expressed in each case as a percentage of its principal amount, quoted in writing to the Trustee by such Reference Treasury Dealer at 5:00 p.m., New York City time on the third business day preceding such redemption date.

“Remaining Scheduled Payments” means, with respect to each Note to be redeemed, the remaining scheduled payments of the principal thereof and interest thereon that would be due after the related redemption date but for such redemption; provided, however, that, if such redemption date is not an interest payment date with respect to such Note, the amount of the next succeeding scheduled interest payment thereon will be deemed to be reduced by the amount of interest accrued thereon to such redemption date.

On and after the redemption date, interest will cease to accrue on the Notes or any portion thereof called for redemption, unless the Issuer defaults in the payment of the redemption price and accrued interest. On or before the redemption date, the Issuer will deposit with a paying agent, or the Trustee, money sufficient to pay the redemption price of and accrued interest on the Notes to be redeemed on such date. If less than all of the Notes are to be redeemed, the Notes to be redeemed shall be selected by the Trustee by such method as the Trustee shall deem fair and appropriate.

The Indenture contains provisions permitting the Issuer and the Trustee, with the consent of the holders of not less than 66-2/3% in aggregate principal amount of the Securities at the time outstanding (as defined in the Indenture) of all series to be affected (voting as one class), evidenced as in the Indenture provided, to execute supplemental indentures adding any provisions to or changing in any manner or eliminating any of the provisions of the Indenture or of any supplemental indenture or modifying in any manner the rights of the holders of the Securities of each such series; provided, however, that no such supplemental indenture shall (i) extend the final maturity of any Security, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any amount payable on redemption thereof, or reduce the amount of the principal of an Original Issue Discount Security that would be due and payable upon an acceleration of the maturity thereof pursuant to Section 5.1 of the Indenture or the amount thereof provable in bankruptcy pursuant to Section 5.2 of the Indenture, or impair or affect the right of any Securityholder to institute suit for the payment thereof or the right of repayment, if any, at the option of the Securityholder without the consent of the holder of each Security so affected, or (ii) reduce the aforesaid percentage of Securities of any series, the consent of the holders of which is required for any such supplemental indenture, without the consent of the holder of each Security so affected. Any such consent or waiver by the holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such holder and upon all future holders and owners of this Note and any Notes which may be issued in exchange or substitution therefor, irrespective of whether or not any notation thereof is made upon this Note or such other Notes.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Issuer, which is absolute and unconditional, to pay the principal of and any premium and interest on this Note at the place, at the respective times, at the rate and in the coin, currency or currency unit herein prescribed unless in accordance with Section 10.1(c) or Section 10.2 of the Indenture the Issuer shall have: (i) irrevocably deposited or caused to be deposited in trust with the Trustee funds in cash and/or U.S. Government Obligations (as defined in the Indenture) as will be sufficient to pay interest due or to become due on the Notes to, and to pay the principal and any premium due on the Notes upon the Maturity Date or upon earlier redemption; and (ii) delivered to the Trustee an opinion of counsel to the effect that the holders of the Notes will not recognize income, gain, or loss for federal income tax purposes as a result of such defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such defeasance had not occurred.

The Issuer shall be deemed to have paid the principal of, premium, if any, and interest on the Notes when the same shall have become due and payable if in accordance with Section 10.1(c) or Section 10.2(A) of the Indenture the Issuer shall have: (i) irrevocably deposited or caused to be deposited in trust with the Trustee funds in cash and/or U.S. Government Obligations (as defined in the Indenture) as will be sufficient to pay interest due or to become due on the Notes to, and to pay the principal and any premium due on the Notes upon the Maturity Date or upon earlier redemption of the outstanding Notes; and (ii) delivered to the Trustee an opinion of counsel to the effect that the holders of the Notes will not recognize

income, gain, or loss for federal income tax purposes as a result of such defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such defeasance had not occurred.

The Notes are issuable in fully registered form without coupons in the minimum denomination of U.S. \$2,000, and in integral multiples of U.S. \$1,000 in excess thereof. Upon due presentment for registration of transfer of this Note at the Corporate Trust Office of the Trustee or at such other office or agency as is designated by the Issuer in the Borough of Manhattan, The City of New York, a new Note or Notes of authorized denominations for an equal aggregate principal amount and like tenor will be issued to the transferee in exchange therefor, subject to the limitations provided in the Indenture, without charge except for any tax or other governmental charge imposed in connection therewith; provided, however, that this Note is exchangeable only if (i) the Depository notifies the Issuer that it is unwilling or unable to continue as Depository for this Note or if at any time the Depository ceases to be in good standing under the Securities Exchange Act of 1934, as amended, or other applicable statutes or regulations, and the Issuer does not appoint a successor Depository within 90 days after the Issuer received such notice or becomes aware of such ineligibility or (ii) the Issuer in its sole discretion determines that this Note shall be exchanged for certificated Notes in definitive form, provided that the definitive Notes so issued in exchange for this Note shall be in authorized denominations and be of like aggregate principal amount and tenure and terms as the portion of this Note to be exchanged.

The Issuer will pay any administrative costs imposed by banks in connection with making payments on this Note by wire transfer, but any tax, assessment or governmental charge imposed upon payments will be borne by the holder hereof.

The Issuer, the Trustee and any agent of the Issuer or the Trustee may deem and treat the registered holder hereof as the absolute owner of this Note (whether or not this Note shall be overdue and notwithstanding any notation of ownership or other writing hereon) for the purpose of receiving payment of or on account of the principal hereof and premium, if any, and subject to the provisions on the face hereof, interest hereon, and for all other purposes, and neither the Issuer nor the Trustee nor any agent of the Issuer or the Trustee shall be affected by any notice to the contrary.

No recourse under or upon any obligation, covenant or agreement contained in the Indenture or in any Note, or because of any indebtedness evidenced thereby, shall be had against any incorporator, stockholder, officer or director, as such, of the Issuer or of any successor, either directly or through the Issuer or any successor, under any rule of law, statute or constitutional provision or by the enforcement of any assessment or by any legal or equitable proceeding or otherwise, all such liability being expressly waived and released by the acceptance hereof and as part of the consideration for the issue hereof.

Undefined terms used herein which are defined in the Indenture shall have the respective meanings assigned thereto in the Indenture.

THIS NOTE SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK.

ABBREVIATIONS

The following abbreviations, when used in the inscription on the face of this Note, shall be construed as though they were written out in full according to applicable laws or regulations:

- TEN COM — as tenants in common
- TEN ENT— as tenants by the entireties
- JT TEN — as joint tenants with right of survivorship and not as tenants in common

UNIF GIFT MIN ACT —Custodian.....
 (Cust) (Minor)
 under Uniform Gifts to Minors Act.....
 (State)

Additional abbreviations may also be used though not in the above list

FOR VALUE RECEIVED, the undersigned hereby sells, assigns and transfers unto

PLEASE INSERT SOCIAL SECURITY OR OTHER IDENTIFYING NUMBER OF ASSIGNEE

PLEASE PRINT OR TYPEWRITE NAME AND ADDRESS OF ASSIGNEE

the within Note of AIR PRODUCTS AND CHEMICALS, INC. and hereby does irrevocably constitute and appoint

Attorney to transfer the said Note on the books of the within-named Issuer, with full power of substitution in the premises.

Dated _____

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the certificate in every particular, without alteration or enlargement or any change whatever.

24 November 2014

Air Products and Chemicals, Inc.
7201 Hamilton Boulevard
Allentown, Pennsylvania 18195-1501

Re: Universal Shelf - 2014

Ladies and Gentlemen:

I am Senior Corporate and Finance Counsel of Air Products and Chemicals, Inc., a Delaware corporation (the "Company"). I am familiar with the Registration Statement on Form S-3 filed by the Company with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act") on November 24, 2014 (the "Registration Statement"). The Registration Statement relates to, among other things, the issuance and sale from time to time, pursuant to Rule 415 of the General Rules and Regulations promulgated under the Securities Act, of the following securities, in one or more foreign currencies, currency unit or units or composite currency or currencies as shall be designated by the Company:

(i) debt securities of the Company, in one or more series (in each case, the "Debt Securities"), which would be issued pursuant to the Indenture dated January 10, 1995, between the Company and The Bank of New York Mellon Trust Company, N.A. as trustee, which Indenture is incorporated by reference as an exhibit to the Registration Statement (the "Indenture");

(ii) shares of preferred stock of the Company, \$1.00 par value per share, (the "Preferred Stock");

(iii) shares of the Company's Preferred Stock represented by depositary shares (the "Depositary Shares"), evidenced by depositary receipts (the "Receipts"), which may be issued pursuant to one or more deposit agreements (each a "Deposit Agreement") proposed to be entered into between the Company and a depositary to be named therein;

(iv) shares of common stock of the Company, \$1.00 par value per share (the "Common Stock");

(v) warrants to purchase Debt Securities, Preferred Stock or Common Stock (collectively, the "Warrants") under one or more warrant agreements (each a "Warrant Agreement") proposed to be entered into between the Company and warrant agent(s) to be named therein (each a "Warrant Agent"); and

(vi) such indeterminate amount of Debt Securities and number of shares of Preferred Stock or Common Stock as may be issued upon conversion, exchange or exercise of any Warrants, including such shares of Preferred Stock or Common Stock as may be issued pursuant to anti-dilution and adjustments, in amounts, at prices and on terms to be determined at the time of offering (the "Indeterminate Securities").

The Debt Securities, the Preferred Stock, the Depositary Shares, the Common Stock, the Warrants and the Indeterminate Securities are collectively referred to herein as the "Offered Securities." In connection with the proposed offering and sale by the Company of the Offered Securities, the following documents have been prepared:

1. the Registration Statement;

2. the Indenture, incorporated by reference as an exhibit to the Registration Statement;

3. the Restated Certificate of Incorporation of the Company, filed as an exhibit to the Registration Statement, and two amendments thereto, each incorporated by reference as an exhibit to the Registration Statement, all as certified by the Secretary of the State of Delaware as being currently in effect (the "Certificate of Incorporation");

4. the by-laws of the Company, as currently in effect (the "By-Laws"), incorporated by reference to the 8-K filed by the Company on November 21, 2014; and

5. certain resolutions adopted on November 20, 2014, by the Board of Directors of the Company (the "Board of Directors") relating to the Offered Securities.

This opinion is being delivered in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

In rendering the opinions set forth herein, I or members of the Company's legal staff have examined and relied on originals or copies, certified or otherwise identified to our satisfaction, of such corporate records of the Company, such other agreements and instruments, certificates of public officials, trustees, shareholders or officers, as appropriate, of the Company and other persons, and such other documents as we deemed necessary or appropriate as a basis for the opinions hereinafter expressed. As to various questions of fact material to such opinions, we have relied upon statements and representations of public officials, of officers and other representatives of the Company and others.

In such examination, we have assumed the legal capacity of all natural persons, the genuineness of all signatures and the legal capacity, competency and due authorization of the persons signing executed documents on behalf of persons other than the Company, and the due existence, status, powers and authorization, execution and delivery of agreements and documents by the respective parties thereto other than the Company. We have also assumed the authenticity of all documents submitted to us as originals and the conformity to original documents of documents submitted to us as certified or facsimile, electronic or photostatic copies, and that all actions and undertakings of all parties to each agreement other than the Company have been and will be legal, valid and binding obligations thereof.

In addition, we have assumed that the terms of the Offered Securities will have been established so as not to, and that the execution and delivery by the Company of, and the performance by the Company of its obligations under, the Offered Securities and the Indenture will not violate, conflict with or constitute a default under (i) any agreement or other instrument to which the Company or its properties is subject, (ii) any law, rule or regulation to which the Company or its properties is subject, (iii) any judicial or regulatory order or decree of any governmental authority or (iv) any consent, approval, license, authorization or validation of, or filing, recording or registration with, any governmental authority.

I call to your attention that the opinions stated herein are subject to possible judicial action giving effect to governmental actions or laws of jurisdictions other than those with respect to which I express my opinions.

I am admitted to practice in the Commonwealth of Pennsylvania and do not purport to be an expert on or generally familiar with or qualified to render an opinion concerning any law other than the law of such State and the federal law of the United States of America. In addition, I have reviewed and am therefore generally familiar with the general corporate law of the State of Delaware. My opinions set forth below are limited to the General Corporation Law of the State of Delaware and the United States of America, in each case, that in my experience are normally applicable to transactions of the type contemplated by the Registration Statement and to the extent that judicial or regulatory orders or decrees or consent, approvals, licenses, authorizations, validation filings, recordings or registrations with governmental authorities are relevant, to those required under such laws, other than the securities or blue sky laws of any state (collectively, the "Opined On Law"). I do not express any opinion with respect to the law of any jurisdiction other than Opined on Law or as to the effect of any such non-Opined on Law on the opinions herein stated. Further, I do not express any opinion with respect to (i) the enforceability of any provision contained in any agreement or instrument relating to any indemnification, contribution, exculpation, release or waiver that may be contrary to public policy or violative of federal or state securities laws, rules or regulations or (ii) any law, rule or regulation that is applicable to any party to any agreement or instrument or the transactions contemplated thereby solely because such law, rule or regulation is part of a regulatory regime applicable to any such party or any of its affiliates as a result of the specific assets or business operations of such party or such affiliates. The Offered Securities may be issued from time to time on a delayed or continuous basis, and this opinion is limited to the Opined on Law, including the rules and regulations, as in effect on the date hereof, which Opined on Law is subject to change with possible retroactive effect.

Based upon and subject to the foregoing and to the qualifications, limitations, exceptions and assumptions set forth herein, I am of the opinion that:

1. With respect to any series of Debt Securities (the "Offered Debt Securities"), when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act and the Indenture and trustee thereunder have been qualified under the Trust Indenture Act of 1939, as amended (the "TIA"); (ii) any Debt Securities that may be issued under the Indenture are executed in accordance with the Indenture by duly authorized officers of the trustee; (iii) an appropriate prospectus supplement or term sheet with respect to the Offered Debt Securities has been prepared, delivered and filed in compliance with the Securities Act and the applicable rules and regulations thereunder; (iv) if the Offered Debt Securities are to be sold pursuant to a firm commitment underwritten offering, an underwriting agreement with respect to the Offered Debt Securities has been duly authorized, executed and delivered by the Company and the other parties thereto; (v) the Board of Directors, including any

appropriate committee appointed thereby, and appropriate officers of the Company have taken all necessary corporate action to approve the issuance and terms of the Offered Debt Securities and related matters; (vi) the terms of the Offered Debt Securities and of their issuance and sale have been duly established in conformity with the Indenture so as not to violate any applicable law, the Certificate of Incorporation or the By-Laws or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company and the applicable trustee; and (vii) the Offered Debt Securities have been duly executed and authenticated in accordance with the provisions of the Indenture and delivered upon payment of the agreed-upon consideration therefore, and duly issued and sold in the applicable form to be filed as an exhibit to the Registration Statement or any amendment thereto and in the manner contemplated in the Registration Statement or any prospectus supplement or term sheet relating thereto, the Offered Debt Securities (including any Debt Securities duly issued upon conversion, exchange or exercise of any other Debt Securities, Preferred Stock or Warrants), when issued and sold in accordance with the Indenture and the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered, valid and binding purchase or agency agreement, will be valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms, except to the extent that enforcement thereof may be limited by (a) bankruptcy, insolvency, reorganization, fraudulent conveyance, moratorium or other similar laws now or hereafter in effect relating to creditors' rights generally, (b) general principles of equity (regardless of whether enforceability is considered in a proceeding at law or in equity), (c) public policy considerations which may limit the rights of the parties to obtain remedies, (d) the waivers of any usury defense contained in the Indenture that may be unenforceable, (e) requirements that a claim with respect to any Offered Debt Securities denominated other than in United States dollars (or a judgment denominated other than in United States dollars in respect of such claim) be converted into United States dollars at a rate of exchange prevailing on a date determined pursuant to applicable law, and (f) governmental authority to limit, delay or prohibit the making of payments outside the United States or in foreign currencies, currency units or composite currencies.

2. With respect to the shares of any series of Preferred Stock (the "Offered Preferred Stock"), when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act; (ii) an appropriate prospectus supplement or term sheet with respect to the Offered Preferred Stock has been prepared, delivered and filed in compliance with the Securities Act and the applicable rules and regulations thereunder; (iii) if the Offered Preferred Stock is to be sold pursuant to a firm commitment underwritten offering, an underwriting agreement with respect to the Offered Preferred Stock has been duly authorized, executed and delivered by the Company and the other parties thereto; (iv) the Board of Directors, including any appropriate committee appointed thereby, and appropriate officers of the Company have taken all necessary corporate action to approve the issuance and terms of the Offered Preferred Stock and related matters, including the adoption of a Certificate of Designation for the Offered Preferred Stock in accordance with the applicable provisions of Delaware law (the "Certificate of Designation"), in the form to be filed as an exhibit to the Registration Statement, any amendment thereto or any document incorporated by reference therein; (v) the filing of the applicable Certificate of Designation with the Secretary of State of the State of Delaware has duly occurred; (vi) the terms of the Offered Preferred Stock and of their issuance and sale have been duly established in conformity with the Certificate of Incorporation, including the applicable Certificate of Designation, and the By-Laws so as not to violate any applicable law, the Certificate of Incorporation or the By-Laws or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; and (vii) certificates representing the shares of the Offered Preferred Stock are duly executed, countersigned, registered and delivered upon payment of the agreed-upon consideration therefore and duly issued and sold in the applicable form to be filed as an exhibit to the Registration Statement or any amendment thereto and in the manner contemplated in the Registration Statement or any prospectus supplement or term sheet relating thereto, the shares of the Offered Preferred Stock (including any Preferred Stock duly issued upon conversion, exchange or exercise of any Debt Securities, other Preferred Stock or Warrants), when issued or sold in accordance with the applicable Certificate of Designation and the underwriting agreement or any other duly authorized, executed and delivered, valid and binding purchase or agency agreement, will be duly authorized, validly issued, fully paid and non-assessable, provided that the consideration therefore is not less than the par value thereof.

3. With respect to any offering of Depositary Shares (the "Offered Depositary Shares"), when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act; (ii) an appropriate prospectus supplement or term sheet with respect to the Offered Depositary Shares has been prepared, delivered and filed in compliance with the Securities Act and the applicable rules and regulations thereunder; (iii) if the Offered Depositary Shares are to be sold pursuant to a firm commitment underwritten offering, the underwriting agreement with respect to the Offered Depositary Shares has been duly authorized, executed and delivered by the Company and other parties thereto; (iv) the Board of Directors, including any appropriate committee appointed thereby, and appropriate officers of the Company have taken all necessary corporate action to approve the issuance and terms of the Offered Depositary Shares and related matters, including the adoption of a Certificate of Designation for the related series of Preferred Stock in accordance with the applicable provisions of Delaware law in the form to be filed as an exhibit to the Registration Statement, any amendment thereto or any document incorporated by reference therein; (v) the filing of such Certificate of Designation with the Secretary of State of the State of Delaware has duly occurred; (vi) the terms of the Offered Depositary Shares and of their issuance and sale have been duly established in conformity with the Certificate of

Incorporation, including the applicable Certificate of Designation, and the By-Laws so as not to violate any applicable law, the Certificate of Incorporation or the By-Laws, or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; (vii) the applicable Deposit Agreement has been duly executed and delivered by the parties thereto; (viii) the related series of Preferred Stock has been duly authorized and validly issued in accordance with Delaware law and delivered to the depository for deposit in accordance with the Deposit Agreement; and (ix) the Receipts evidencing the Depositary Shares have been duly issued against deposit of the related series of Preferred Stock with the depository in accordance with the Deposit Agreement, the Depositary Shares will be validly issued and the Receipts will entitle the holders thereof to the rights specified therein and in the Deposit Agreement.

4. With respect to any offering of Common Stock (the “Offered Common Stock”), when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act; (ii) an appropriate prospectus supplement or term sheet with respect to the Offered Common Stock has been prepared, delivered and filed in compliance with the Securities Act and the applicable rules and regulations thereunder; (iii) if the Offered Common Stock is to be sold pursuant to a firm commitment underwritten offering, an underwriting agreement with respect to the Offered Common Stock has been duly authorized, executed and delivered by the Company and the other parties thereto; (iv) the Board of Directors, including any appropriate committee appointed thereby, and appropriate officers of the Company have taken all necessary corporate action to approve the issuance and terms of the Offered Common Stock and related matters; (v) the terms of the Offered Common Stock and of their issuance and sale have been duly established in conformity with the Certificate of Incorporation and the By-Laws so as not to violate any applicable law, the Certificate of Incorporation or the By-Laws or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; and (vi) certificates representing the shares of Offered Common Stock are duly executed, countersigned, registered and delivered upon payment of the agreed-upon consideration therefor and duly issued and sold in the applicable form to be filed as an exhibit to the Registration Statement or any amendment thereto and in the manner contemplated in the Registration Statement or any prospectus supplement or term sheet relating thereto, the shares of Offered Common Stock (including any Common Stock duly issued upon conversion, exchange or exercise of any Debt Securities, Preferred Stock or Warrants), when issued and sold in accordance with the applicable underwriting agreement with respect to the Offered Common Stock or any other duly authorized, executed and delivered, valid and binding purchase or agency agreement, will be duly authorized, validly issued, fully paid and non-assessable, provided that the consideration therefore is not less than the par value thereof.

5. With respect to any series of Warrants (the “Offered Warrants”), when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act; (ii) an appropriate prospectus supplement or term sheet with respect to the Offered Warrants has been prepared, delivered and filed in compliance with the Securities Act and the applicable rules and regulations thereunder; (iii) if the Offered Warrants are to be sold pursuant to a firm commitment underwritten offering, an underwriting agreement with respect to the Offered Warrants has been duly authorized, executed and delivered by the Company and the other parties thereto; (iv) the applicable Warrant Agreement has been duly authorized, executed and delivered by the parties thereto and does not violate any applicable law, the Certificate of Incorporation or By-Laws or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; (v) the Board of Directors, including any appropriate committee appointed thereby, and appropriate officers of the Company have taken all necessary corporate action to approve the issuance and terms of the Offered Warrants and related matters; (vi) the terms of the Offered Warrants and of their issuance and sale have been duly established in conformity with the applicable Warrant Agreement so as not to violate any applicable law, the Certificate of Incorporation or By-Laws or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; and (vii) the Offered Warrants have been duly executed, delivered and countersigned in accordance with the provisions of the applicable Warrant Agreement and duly issued and sold in the applicable form to be filed as an exhibit to the Registration Statement or any amendment thereto and in the manner contemplated in the Registration Statement or any prospectus supplement or term sheet relating thereto, the Offered Warrants, when issued and sold in accordance with the applicable Warrant Agreement and the applicable underwriting agreement or any other duly authorized, executed and delivered, valid and binding purchase or agency agreement, will be valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms, except to the extent that enforcement thereof may be limited by (a) bankruptcy, insolvency, reorganization, fraudulent conveyance, moratorium or other similar laws now or hereafter in effect relating to creditors’ rights generally, (b) general principles of equity (regardless of whether enforceability is considered in a proceeding at law or in equity); and (c) public policy considerations that may limit the rights of parties to obtain remedies.

I hereby consent to the filing of this opinion with the Commission as an exhibit to the Registration Statement. I also consent to the reference to me under the heading “Legal Opinions” in the Registration Statement. In giving this consent, I do not thereby admit that I am in the category of person whose consent is required under Section 7 of the Securities Act or the Rules and Regulations of the Commission promulgated thereunder.

The opinions expressed herein are expressed as of the date hereof only and not as of some future date, and are based upon the current state of the law. I disclaim any undertaking to advise you of any subsequent changes of the facts stated or assumed herein or any subsequent change in applicable law.

Sincerely,

/s/ Ann E. Padjen

Ann E. Padjen

Senior Corporate and Finance Counsel

Consent of Independent Registered Public Accounting Firm

The Board of Directors
Air Products and Chemicals, Inc.:

We consent to the use of our report dated 24 November 2014, with respect to the consolidated balance sheets of Air Products and Chemicals, Inc. and Subsidiaries as of 30 September 2014 and 2013, and the related consolidated income statements, consolidated comprehensive income statements, consolidated statements of cash flows, and equity for each of the years in the three-year period ended 30 September 2014, the effectiveness of internal control over financial reporting as of 30 September 2014, and the related financial statement schedule which report appears in the 30 September 2014 Annual Report on Form 10-K of Air Products and Chemicals, Inc., incorporated herein by reference and the reference to our firm under the heading "Experts" in the registration statement.

/s/ KPMG LLP
Philadelphia, Pennsylvania
24 November 2014

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints John E. McGlade or M. Scott Crocco or Mary T. Afflerbach, acting severally, his/her true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him/her and in his/her name, place and stead, in any and all capacities, to sign a Registration Statement for the registration of equity and debt securities of Air Products and Chemicals, Inc., and any and all amendments thereto and renewals or refilings thereof in the future, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he/she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities and Exchange Act of 1933, this Power of Attorney has been signed below by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
<u>/s/ Mario L. Baeza</u> Mario L. Baeza	Director	21 November 2013
<u>/s/ Susan K. Carter</u> Susan K. Carter	Director	21 November 2013
<u>/s/ William L. Davis, III</u> William L. Davis, III	Director	21 November 2013
<u>/s/ Chad C. Deaton</u> Chad C. Deaton	Director	21 November 2013
<u>/s/ Michael J. Donahue</u> Michael J. Donahue	Director	21 November 2013
<u>/s/ Ursula O. Fairbairn</u> Ursula O. Fairbairn	Director	21 November 2013

Signature	Title	Date
<u>/s/ W. Douglas Ford</u> W. Douglas Ford	Director	21 November 2013
<u>/s/ Seifi Ghasemi</u> Seifi Ghasemi	Director	21 November 2013
<u>/s/ Evert Henkes</u> Evert Henkes	Director	21 November 2013
<u>/s/ David H. Y. Ho</u> David H. Y. Ho	Director	21 November 2013
<u>/s/ John E. McGlade</u> John E. McGlade	Director and Chairman	21 November 2013
<u>/s/ Margaret G. McGlynn</u> Margaret G. McGlynn	Director	21 November 2013
<u>/s/ Edward L Monser</u> Edward L Monser	Director	21 November 2013
<u>/s/ Matthew H. Paull</u> Matthew H. Paull	Director	21 November 2013
<u>/s/ Lawrence S. Smith</u> Lawrence S. Smith	Director	21 November 2013

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

FORM T-1

**STATEMENT OF ELIGIBILITY
UNDER THE TRUST INDENTURE ACT OF 1939
OF A CORPORATION DESIGNATED TO ACT AS TRUSTEE**

- CHECK IF AN APPLICATION TO DETERMINE ELIGIBILITY OF A TRUSTEE PURSUANT TO SECTION 305(b)(2)**

**THE BANK OF NEW YORK MELLON
TRUST COMPANY, N.A.**

(Exact name of trustee as specified in its charter)

(Jurisdiction of incorporation
if not a U.S. national bank)

95-3571558
(I.R.S. employer
identification no.)

400 South Hope Street
Suite 400
Los Angeles, California
(Address of principal executive offices)

90071
(Zip code)

AIR PRODUCTS AND CHEMICALS, INC.
(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

23-1274455
(I.R.S. employer
identification no.)

7201 Hamilton Boulevard
Allentown, Pennsylvania
(Address of principal executive offices)

18195-1501
(Zip code)

Senior Debt Securities
(Title of the indenture securities)

1. General information. Furnish the following information as to the trustee:

(a) Name and address of each examining or supervising authority to which it is subject.

<u>Name</u>	<u>Address</u>
Comptroller of the Currency United States Department of the Treasury	Washington, DC 20219
Federal Reserve Bank	San Francisco, CA 94105
Federal Deposit Insurance Corporation	Washington, DC 20429

(b) Whether it is authorized to exercise corporate trust powers.

Yes.

2. Affiliations with Obligor.

If the obligor is an affiliate of the trustee, describe each such affiliation.

None.

16. List of Exhibits.

Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 (the "Act") and 17 C.F.R. 229.10(d).

1. A copy of the articles of association of The Bank of New York Mellon Trust Company, N.A., formerly known as The Bank of New York Trust Company, N.A. (Exhibit 1 to Form T-1 filed with Registration Statement No. 333-121948 and Exhibit 1 to Form T-1 filed with Registration Statement No. 333-152875).
2. A copy of certificate of authority of the trustee to commence business. (Exhibit 2 to Form T-1 filed with Registration Statement No. 333-121948).
3. A copy of the authorization of the trustee to exercise corporate trust powers (Exhibit 3 to Form T-1 filed with Registration Statement No. 333-152875).

4. A copy of the existing by-laws of the trustee (Exhibit 4 to Form T-1 filed with Registration Statement No. 333-162713).
6. The consent of the trustee required by Section 321(b) of the Act (Exhibit 6 to Form T-1 filed with Registration Statement No. 333-152875).
7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.

SIGNATURE

Pursuant to the requirements of the Act, the Trustee, The Bank of New York Mellon Trust Company, N.A., a banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Los Angeles, and State of California, on the 17th day of November, 2014.

THE BANK OF NEW YORK MELLON
TRUST COMPANY, N.A.

By: /s/ Teresa Petta

Name: Teresa Petta

Title: Vice President