

PRAXAIR INC  
Form 11-K  
June 16, 2017

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
Form 11-K

✓ ANNUAL REPORT PURSUANT TO SECTION 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934  
For the fiscal year ended December 31, 2016  
OR

•• TRANSITION REPORT PURSUANT TO SECTION 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934  
For the transition period from            to  
Commission File Number 1-11037

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:  
Praxair Retirement Savings Plan

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:  
Praxair, Inc.  
10 Riverview Drive  
Danbury, Connecticut 06810-6268

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Praxair Retirement Savings Plan  
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All other schedules required by the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA) have been omitted because they are not applicable.	

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Report of Independent Registered Public Accounting Firm

To the Plan Administrator  
Praxair Retirement Savings Plan  
Danbury, Connecticut

We have audited the accompanying statements of net assets available for benefits of the Praxair Retirement Savings Plan (the “Plan”) as of December 31, 2016 and 2015, and the related statement of changes in net assets available for benefits for the year ended December 31, 2016. These financial statements are the responsibility of the Plan’s management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan’s internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2016 and 2015, and the changes in net assets available for benefits for the year ended December 31, 2016, in conformity with accounting principles generally accepted in the United States of America.

The accompanying supplemental Schedule of Assets (Held at End of Year) as of December 31, 2016 has been subjected to audit procedures performed in conjunction with the audit of the Plan’s financial statements. The supplemental schedule is the responsibility of the Plan’s management. Our audit procedures included determining whether the supplemental schedule reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental schedule. In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental schedule is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ BDO USA, LLP

Philadelphia, Pennsylvania

June 16, 2017



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Praxair Retirement Savings Plan  
 Statements of Net Assets Available for Benefits  
 as of December 31, 2016 and 2015

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	December 31,	
	2016	2015
Assets:		
Investments, at fair value (Notes 5 and 6)	\$ 1,477,677,177	\$ 1,406,274,071
Receivables:		
Employer contributions	254,995	249,800
Notes receivable from participants	42,062,265	41,821,520
	42,317,260	42,071,320
Total Assets	1,519,994,437	1,448,345,391
Liabilities:		
Accrued expenses	52,018	33,708
Total Liabilities	52,018	33,708
Net Assets Available for Benefits	\$ 1,519,942,419	\$ 1,448,311,683

The accompanying notes are an integral part of these financial statements

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Praxair Retirement Savings Plan  
Statement of Changes in Net Assets Available for Benefits  
for the Year Ended December 31, 2016

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Additions to (Deductions from) Net Assets

Contributions:

Participants	\$55,546,901
Employer	27,685,375
Rollovers from other plans (Note 2)	5,873,798
Total contributions	89,106,074

Investment income (loss):

Net appreciation (depreciation) in fair value of investments	110,989,536
Interest and dividends	13,829,907
Total net investment income (loss)	124,819,443
Interest income on notes receivable from participants	977,469

Benefit payments to participants	(137,187,947 )
Administrative expenses	(868,787 )
Total Deductions	(138,056,734 )
Increase in Net Assets Before Transfers	76,846,252
Transfers out from plan (Note 9)	(5,215,516 )
Net Increase in Net Assets Available for Benefits	71,630,736
Net Assets Available for Benefits	
Beginning of year	1,448,311,683
End of year	\$1,519,942,419

The accompanying notes are an integral part of these financial statements

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Praxair Retirement Savings Plan  
Notes to Financial Statements  
December 31, 2016 and 2015

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Note 1 - Inception of the Plan

Praxair, Inc. (the “Company”) established The Savings Program for Employees of Praxair, Inc. and Participating Subsidiary Companies on June 30, 1992. Effective July 1, 2002, the Plan was renamed the Praxair Retirement Savings Plan (the “Plan”).

Note 2 - Description of the Plan

The following description of the Plan provides only general information. Participants should refer to the Plan document, as amended, for a complete description of the Plan's provisions. The following information does not apply to employees covered under a bargaining unit agreement. Employees covered under a collective bargaining agreement should refer to such agreement for the terms applicable to them.

General

The Plan is a defined contribution plan and is administered by the Administration and Investment Committee for the Praxair Retirement Savings Plan (the “Administrator”). The activities of the Administrator are overseen by the Finance and Pension Committee of the Board of Directors of Praxair, Inc. The Trustee of the Plan’s assets is Fidelity Management Trust Company (“Fidelity”). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”) as amended.

Eligibility

All regular full-time employees (as defined in the Plan) of the Company and any of its affiliates that have adopted the Plan are eligible to participate in the Plan. Part-time employees (as defined in the Plan) of the Company and its participating affiliates are eligible to participate in the Plan following their completion of certain minimum service requirements as set forth in the Plan.

Contributions

Participant contributions to the Plan are made through payroll deductions. Contributions for all Plan participants are calculated as a percentage of compensation (as defined in the Plan) based on contribution limits established by the Administrator. Non-highly compensated employees (as defined in the Internal Revenue Code (the “Code”)) are allowed to contribute up to 40% of their eligible compensation on either a before-tax, after-tax, or Roth basis in any combination. Highly compensated employees are allowed to contribute up to 15% of eligible compensation, in any combination of before-tax, after-tax or Roth contributions.

The Plan must meet the actual deferral percentage tests in Section 401(k)(3)(A) of the Code. All participants’ before-tax contributions are limited, however, to an indexed annual amount prescribed by the Internal Revenue Service (the “IRS”), which amounted to \$18,000 in 2016. All employees who are eligible to make deferrals under the Plans and who have attained age 50 before the close of the Plan year, may elect to make additional “catch-up” contributions for the Plan year. The maximum catch-up contribution amount permitted under the Code was \$6,000 in 2016.

Participants are able to designate part or all of their future contributions as Roth 401(k) contributions. Roth 401(k) contributions are made on an after-tax basis and are eligible for Company matching contributions. The combined Roth 401(k) and pre-tax 401(k) contributions cannot exceed the annual IRS or Plan limits specified above.

Participants meeting certain minimum age and/or Plan participation requirements are able to convert part or all of their 401(k) pre-tax and Company contribution account balances into designated Roth 401(k) account balances.

Amounts converted to Roth 401(k) are subject to income tax in the year of conversion, but are free from income tax upon distribution, as long as it has been at least five years since the participant first made Roth contributions (including the conversion) to the Plan and the participant is at least age 59<sup>1/2</sup>.

All newly hired eligible employees are automatically enrolled in the Plan at a pre-tax contribution rate of 5% of eligible compensation, unless the employee affirmatively elects not to participate in the Plan or elects to participate at a different rate. Prior to being automatically enrolled in the Plan, each newly hired eligible employee is provided a notice of the Plan's automatic enrollment provisions and is given a period of time during which to opt out of Plan participation. Newly hired

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Praxair Retirement Savings Plan  
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eligible employees may also voluntarily elect to enroll in the Plan with an effective date prior to the date they would otherwise be automatically enrolled and may elect a contribution rate other than 5% of eligible compensation. All participants, including those who are automatically enrolled, may change or suspend their level of Plan contributions at any time.

Except for those employed by the Company's Praxair Distribution business unit ("PDI"), the Company matching contribution available to a Plan participant is determined based on the component of the Plan in which the participant participates. For all Plan participants hired after April 30, 2002 and those Plan participants hired prior to May 1, 2002 who elected to be covered by the Account-Based Design feature of the Plan, the Plan provides for a Company matching contribution equal to 100% of the first 5% of compensation contributed by the participant. For Plan participants who were employees of the Company as of April 30, 2002, and elected to be covered under the Traditional Design feature of the Plan, the Plan provides for a Company matching contribution equal to 70% of the first 2 1/2% of the participant's compensation contributed to the Plan and 40% of the next 5% of the participant's compensation contributed to the Plan. The Company matching contributions are made in cash and immediately invested in accordance with the participant's investment directions.

In lieu of the Company matching contributions and other Company contributions described above, Plan participants who are regular/full-time employees of PDI are immediately eligible for Company contributions as outlined below. Part-time employees of PDI are only eligible to receive Company contributions under the Plan after their completion of certain minimum service requirements as set forth in the Plan. Prior to January 1, 2013, these Company contributions were made to the PDI plan.

The Company will make a contribution on behalf of eligible PDI participants according to the following table. One age point is granted for each year of age, and one point for each full year of Company service. Points are determined at the beginning of the Plan year. The Company contribution is a percent of compensation (as defined in the Plan). The contribution will be made at the end of each pay period. Participants not employed by PDI are not eligible to receive these Company contributions.

Age and Service Points	Under 30 points	30 - 39 points	40 - 49 points	50 - 54 points	55 or more points
Company contribution	2.0 %	2.5 %	3.0 %	4.0 %	5.0 %

Participants' Account Activity

Participant accounts are credited with participant and Company contributions and investment returns which are based upon each participant's investment direction. Participant accounts are charged for withdrawals and other Plan administrative expenses. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Except as provided below, participants are fully vested in their Plan account balances at all times. Participants employed by PDI are at all times fully vested in their own contributions, Company contributions made prior to July 1, 2004, and rollover contributions. Participants employed by PDI become fully vested in Company contributions made on or after July 1, 2004 after completing three years of service. Unvested Company contributions are forfeited following separation from the Company and may be used to reduce future Company contributions or for Plan expenses.

Investment Options

Plan participants may, subject to certain restrictions, direct the investment of their Plan accounts among various investment options offered by the Plan listed below:

Mutual Funds

Common Trusts

Praxair Common Stock Fund

Self-Directed Brokerage Account ("BrokerageLink")

Participants may change the investment election of their contributions and existing balances at any time.

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**Dividend Payout on Company Stock Funds**

A portion of the Plan consisting of the Praxair Common Stock Fund has been designated as an Employee Stock Ownership Plan (“ESOP”). A dividend payout feature allows participants to elect to receive any future dividends from the Praxair Common Stock Fund in cash as taxable distributions, rather than having such dividends reinvested in the Plan. The designation as an ESOP has no other effect on benefits under the Plan.

**Withdrawals and Distributions**

Plan participants may generally withdraw after-tax contributions from their account balances while working and, in limited cases (as defined in the Plan's provisions), may withdraw before-tax contributions. Mandatory distributions from the Plan are required to begin no later than April 1 of the year following the year in which a participant attains age 70 1/2 or retires from service with the Company, whichever is later. Actively employed participants may begin receiving distributions of pre-tax contributions at age 59 1/2.

**Notes Receivable from Participants (Participant Loans)**

The Plan generally permits participants to borrow from their accounts a minimum of \$1,000 up to the lesser of \$50,000 or 50% of their vested account balances. Participants are permitted to have up to two loans outstanding at any time. Certain other restrictions apply, as defined in the Plan.

Loans are repaid during fixed terms not to exceed five years (thirty years for principal home loans). Principal and interest are paid ratably, generally through payroll deductions. The loans are collateralized by the balance in the participant's account and bear interest at fixed rates determined at loan inception. The loan interest rate is set quarterly at a rate equal to 1% less than the prime rate. Interest rates on loans outstanding as of December 31, 2016 ranged from 2.25% to 9.40%, with various maturity dates through 2047. A loan application fee of \$50 (\$35 for loans requested prior to April 1, 2016) is charged to the participant's account for each new loan request.

Loans to participants are carried at unpaid principal balance plus accrued but unpaid interest. No allowances for credit losses have been recorded as of December 31, 2016 and 2015. Participant loans are deemed delinquent 90 days after the loan repayment is due and unpaid and are recorded as a distribution in accordance with the terms of the Plan and applicable law. Notes receivable from participants on the Statement of Net Assets Available for Benefits are presented net of delinquent participant loans of \$878,143 and \$821,924 at December 31, 2016 and 2015, respectively.

**Rollovers**

Rollovers represent transfers of account balances of certain participants into certain investments of the Plan from other qualified plans or from individual retirement accounts.

**Unclaimed Benefits and Forfeitures**

The benefit payable on behalf of a participant who cannot be located by the Administrator is forfeited at such time as the Administrator has made the determination. However, the forfeiture will be restored to the participant's account by the Administrator if such participant subsequently makes a valid claim for the benefit. In limited circumstances, when a participant is automatically enrolled in the Plan then subsequently elects not to participate in the Plan, his or her Company matching contribution will be forfeited. In addition, Company contributions made on behalf of participants employed by PDI are forfeited if the participant does not complete three years of service with the Company. Amounts forfeited under the Plan shall be applied either to pay the Plan's administrative expenses or to reduce future Company contributions. The amounts of forfeiture balances at December 31, 2016 and 2015 were \$202,934 and \$168,377, respectively. The amount of forfeitures used to reduce employer contributions in 2016 was \$231,749.

**Note 3 - Summary of Significant Accounting Policies**

**Method of Accounting**

The financial statements of the Plan are prepared under the accrual method of accounting.



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Praxair Retirement Savings Plan  
 Notes to Financial Statements  
 December 31, 2016 and 2015

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## Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amount of income and expenses during the reporting period. Actual results could differ from those estimates.

## Payment of Benefits

Benefits are recorded when paid.

## Investment Valuation and Income Recognition

Plan investments are reported at fair value. Fair value is determined based upon quoted market prices or by using observable market based inputs, other than quoted market prices, for similar investments. Funds are valued on a daily basis. Shares of mutual funds are valued at the net asset value of shares held by the Plan at year-end. The fair value per unit of investments in common trusts is measured using Net Asset Value ("NAV") as a practical expedient and is determined by each fund's trustee based on the fair value of the underlying securities within that fund.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis.

Dividends are recorded on the ex-dividend date.

The Plan presents in the Statement of Changes in Net Assets Available for Benefits the net appreciation in the fair value of its investments which consists of the realized gains or losses and the unrealized appreciation or depreciation on those investments.

## Risks and Uncertainties

The Plan provides various investment options that invest in any combination of stocks, bonds, fixed income securities and other investment securities. These investment securities are exposed to various risks, such as interest rate, market and credit risks. Due to the level of risk and uncertainty associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statement of Net Assets Available for Benefits.

## Note 4 - Reconciliation of Financial Statements to Form 5500

The accompanying financial statements present Fidelity MIP II Class 3 Fund's indirect investment in fully benefit-responsive contracts at contract value, which approximates fair value, consistent with other indirect investments under ASC Topic 946. The Form 5500 presents the indirect investment at fair value. As a result, the adjustment from contract value to fair value for indirect fully benefit-responsive contracts represents a reconciling item between these financial statements and Form 5500.

The following is a reconciliation of net assets available for benefits per the financial statements at December 31, 2016 and 2015 to Form 5500:

	2016	2015
Net assets available for benefits per the financial statements	\$ 1,519,942,419	\$ 1,448,311,683
Adjustment for indirect fully benefit-responsive contracts	848,976	1,746,745
Net assets available for benefits per the Form 5500	\$ 1,520,791,395	\$ 1,450,058,428

The following is a reconciliation of the net investment income per the financial statements for the year ended December 31, 2016 to the Form 5500:

	2016
Total investment income (loss) per the financial statements	\$ 124,819,443

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Adjustment for indirect fully benefit-responsive contracts as of December 31, 2016	848,976
Adjustment for indirect fully benefit-responsive contracts as of December 31, 2015	(1,746,745 )
Total investment income (loss) per the Form 5500	\$123,921,674

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Praxair Retirement Savings Plan  
 Notes to Financial Statements  
 December 31, 2016 and 2015

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## Note 5 - Fair Value Measurement

The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value in three broad levels as follows:

Level 1 – quoted prices in active markets for identical assets or liabilities

Level 2 – quoted prices for similar assets and liabilities in active markets or inputs that are observable

Level 3 – inputs that are unobservable (for example cash flow modeling inputs based on assumptions) and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

The following tables summarize investment assets measured at fair value at December 31, 2016 and 2015:

Investment Assets at Fair Value at December 31,  
 2016

	Level 1	Level 2	Level 3	Total
Mutual Funds	\$65,122,444	\$ —	—	—\$65,122,444
Self-Directed Brokerage Account	24,356,278	—	—	24,356,278
Praxair Common Stock Fund	319,800,518	—	—	319,800,518
Total Investments, at Fair Value	409,279,240	—	—	409,279,240
Common Trusts*				1,068,397,937
Total Fair Value Investments				\$1,477,677,177

Investment Assets at Fair Value at December 31,  
 2015

	Level 1	Level 2	Level 3	Total
Mutual Funds	61,278,670	—	—	61,278,670
Self-Directed Brokerage Account	24,776,638	—	—	24,776,638
Praxair Common Stock Fund	305,399,819	—	—	305,399,819
Total Investments, at Fair Value	391,455,127	—	—	391,455,127
Common Trusts*				1,014,818,944
Total Fair Value Investments				\$1,406,274,071

\* Common trusts are measured using the Net Asset Value ("NAV") as a practical expedient for fair value as permissible under ASC Topic 820 and have not been categorized in the fair value hierarchy. Common trust NAVs are provided by the trustee and are determined by reference to the fair value of the underlying securities of the trust, less its liabilities, which are valued primarily through the use of directly or indirectly observable inputs. Depending on the common trust, underlying securities may include marketable equity securities with small, moderate, or large market capitalizations; international marketable equity securities and other investments; domestic fixed income securities; money market funds; or investment contracts issued by insurance companies and other financial institutions.

There are no plan liabilities required to be recorded at fair value at December 31, 2016 and 2015.

The following is a description of the valuation methodologies for the Plan assets measured at fair value. There have been no changes to the methodologies used at December 31, 2016 and 2015, nor were there any transfers between levels 1 and 2 during the year ended December 31, 2016.

Mutual Funds – This class primarily consists of publicly traded funds of registered investment companies. The mutual funds invest primarily in international marketable equity securities and in fixed income securities within the domestic market. The fair value of mutual fund investments is determined by reference to the fair value of the underlying securities of the mutual funds.

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Praxair Retirement Savings Plan

Notes to Financial Statements

December 31, 2016 and 2015

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The net asset value of the mutual fund's shares is the closing price as quoted on the exchange where the fund is traded and, therefore, classified as Level 1 within the valuation hierarchy.

**Self-Directed Brokerage Account** – This investment option primarily consists of publicly traded funds of registered investment companies. The participants have the ability to invest in Fidelity managed mutual funds and non-Fidelity managed mutual funds available through Fidelity. The fair value of the self-directed brokerage account is determined by reference to the fair value of the underlying securities within the self-directed brokerage account. The underlying investments held in the self-directed brokerage account are valued at the closing price as quoted on the exchange where the underlying securities are traded and are therefore classified as Level 1 within the valuation hierarchy.

**Praxair Common Stock Fund** – The Praxair Common Stock Fund is an employer stock unitized fund. The fund consists of Praxair, Inc. common stock and a short-term cash component, which provides liquidity for daily trading. Praxair, Inc. common stock is valued at the quoted closing market price from a national securities exchange and the short term cash investments are valued at cost, which approximates fair value. The Praxair Common Stock Fund is classified as Level 1 within the valuation hierarchy.

Note 6 - Investments at Net Asset Value

The Fidelity MIP II Class 3 Fund, a commingled pool, is a stable value fund that may invest in investment contracts issued by insurance companies and other financial institutions, fixed income securities and money market funds. Contract value is presented as fair value, which represents contributions made, plus earnings, less participant withdrawals and administrative expenses.

Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value during the term of the contract. There is no reserve against the contract value for credit risk of the contract issuer or otherwise. The investment contract and fixed income security commitments are backed solely by the financial resources of the issuer. If an event occurs that may impair the ability of the contract issuer to perform in accordance with the contract terms, fair value may be less than contract value. Certain events limit the ability of the Plan to transact at contract value with the issuer. Such events include the following: (i) amendments to the Plan documents (including complete or partial termination or merger into an external plan); (ii) bankruptcy of the Plan sponsor or other Plan sponsor events (e.g. divestitures or spin-offs of a subsidiary) which cause a significant withdrawal from the Plan. The Plan Administrator does not believe that the occurrence of any such event, which would limit the Plan's ability to transact at contract value with participants, is probable.

The Plan also has common trust investments with BlackRock, Northern Trust, and State Street Global Advisors. Total return performance corresponds to the respective underlying securities, which include marketable equity securities with large, moderate, and small market capitalizations; marketable international equity securities; and domestic fixed income securities. Units of the funds are valued on the valuation date, which is defined as either each day that trading occurs on the New York Stock Exchange ("NYSE") or that the fund is open for business, depending on the common trust. Redemption frequency is on a daily basis and, as of December 31, 2016, there were no unfunded commitments.

Note 7 - Tax Status

The IRS determined and informed the Company by a letter dated August 21, 2014 that the Plan and related trust were designed in accordance with applicable sections of the Code. Although the Plan has been amended since the date it was submitted to the IRS, the Plan Administrator and counsel believe that in design and operation, the Plan continues to operate in accordance with applicable law.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more

likely than not would not be sustained upon examination by federal, state and/or local taxing authorities. The Administrator has analyzed the tax positions taken by the Plan and has concluded that, as of December 31, 2016, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

In May 2017, the U.S. Department of Labor ("DOL") notified the Plan administrator that the Plan is scheduled for review, which includes examination of selected Plan documents for the period January 1, 2014 through the date of their review. The Plan is cooperating with all requests from the DOL.

Note 8 - Plan Expenses

Fees incurred by the Plan for investment management services are included in the net appreciation in the fair value of investments. Administrative fees are paid by the Plan in accordance with Plan provisions and are allocated to participants with account balances in the Plan. Plan participants are charged a rate of \$8.75 on a quarterly basis. The amount generated from the quarterly participant fee, accumulated in and paid out of the Fidelity MIP II Class 3 Fund, are intended to cover all administrative expenses incurred by the Plan. To the extent deductions from participant accounts were insufficient to cover the total cost of the Plan, the difference would be paid by the Company. No plan expenses were paid by the Company during 2016.

Note 9 - Transfers out from Plan

At the end of 2015, Praxair sold its ownership stake in Praxair Distribution Southeast, LLC ("PDSE") and in 2016 PDSE withdrew from participation in the Plan. The amount reflected in the Statement of Changes in Net Assets Available for Benefits represents the associated balance of PDSE participants that was transferred out of the Plan during the Plan year.

Note 10 - Parties-in-Interest Transactions

Certain Plan investments are shares of mutual funds managed by Fidelity. Fidelity is the trustee as defined by the Plan; therefore, these transactions qualify as party-in-interest transactions. Certain Plan investments include shares of common stock of Praxair, Inc., the Plan Sponsor; therefore, these transactions qualify as party-in-interest transactions. Loans to participants also qualify as party-in-interest transactions.

Note 11 - Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan's provisions to terminate the Plan at its sole discretion. Upon such termination, the net assets of the Plan will be distributed or sold exclusively for the benefit of the participants (or their beneficiaries).

Note 12 - Subsequent Events

Subsequent events have been evaluated through the date the financial statements were issued.

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Praxair Retirement Savings Plan  
 EIN: 06-1249050, Plan Number: 334  
 Schedule H, line 4i – Schedule of Assets (Held at End of Year)  
 as of December 31, 2016

(b) (a) Identity of issue, borrower, lessor or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) (e) Cost Current value
* Praxair Common Stock Fund	Praxair Common Stock Fund	** \$319,800,518
* Fidelity MIP II Class 3 Fund	Common Trust	** 245,135,011
Northern Trust S&P 500 Index	Common Trust	** 140,744,019
BlackRock Lifepath Index 2025	Common Trust	** 127,080,116
BlackRock Lifepath Index 2020	Common Trust	** 102,964,863
BlackRock Lifepath Index 2030	Common Trust	** 99,906,752
BlackRock Lifepath Index 2035	Common Trust	** 71,675,523
Vanguard Total Bond Market Index Institutional Plus	Mutual Fund	** 55,725,054
BlackRock Lifepath Index 2040	Common Trust	** 46,613,258
State Street Global Advisors Russell Small / Mid Cap Index Fund	Common Trust	** 41,375,211
BlackRock Lifepath Index Retirement	Common Trust	** 37,619,844
BlackRock Russell 1000 Growth Index	Common Trust	** 35,187,569
BlackRock Lifepath Index 2045	Common Trust	** 30,051,570
BlackRock Russell 1000 Value Index	Common Trust	** 26,256,146
* BrokerageLink	Self-Directed Brokerage Account	** 24,356,278
BlackRock MSCI EAFE Equity Index	Common Trust	** 23,127,539
BlackRock Lifepath Index 2050	Common Trust	** 19,651,712
BlackRock Lifepath Index 2055	Common Trust	** 10,663,121
BlackRock Emerging Markets Index	Common Trust	** 9,734,747
Vanguard Total International Bond Index AD	Mutual Fund	** 9,397,390
BlackRock Lifepath Index 2060	Common Trust	** 610,936
Total investments, at fair value		1,477,677,177
* Notes receivable from participants	Rates ranging 2.25% to 9.4%; maturities through 2047	42,062,265
Total investments, at fair value and notes receivable from participants		\$1,519,739,442

\*Party-in-interest as defined by ERISA

\*\*Cost information is not required for participant directed investments and, therefore, is not included



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Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the Administrator of the Plan has duly caused this annual report to be signed on its behalf by the undersigned thereunto duly authorized.

Praxair Retirement Savings Plan

Date: June 16, 2017    By: /s/ Matthew J. White  
Matthew J. White,  
Chairman of the Administration and Investment  
Committee for the Praxair Retirement Savings Plan

(On behalf of the Plan)

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Exhibit No. Description

23.01 Consent of Independent Registered Public Accounting Firm

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