Moving forward

Create Shareholder Value

Q1 FY19 Earnings Conference Call

January 25 2019



Forward-looking statements



NOTE: This presentation contains "forward-looking statements" within the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, including statements about earnings guidance, business outlook and investment opportunities. These forward-looking statements are based on management's expectations and assumptions as of the date of this presentation and are not guarantees of future performance. While forward-looking statements are made in good faith and based on assumptions, expectations and projections that management believes are reasonable based on currently available information, actual performance and financial results may differ materially from projections and estimates expressed in the forward-looking statements because of many factors, including, without limitation: changes in global or regional economic conditions, supply and demand dynamics in market segments we serve, or in the financial markets; risks associated with having extensive international operations, including political risks, risks associated with unanticipated government actions and risks of investing in developing markets; project delays, contract terminations or customer cancellations or postponement of projects and sales; future financial and operating performance of major customers and joint venture partners; our ability to develop, implement, and operate new technologies, or to execute the projects in our backlog; tariffs, economic sanctions and regulatory activities in jurisdictions in which we and our affiliates and joint ventures operate; the impact of environmental, tax or other legislation, as well as regulations affecting our business and related compliance requirements, including regulations related to global climate change; changes in tax rates and other changes in tax law; the timing, impact and other uncertainties relating to acquisitions and divestitures, including our ability to integrate acquisitions and separate divested businesses, respectively; risks relating to cybersecurity incidents, including risks from the interruption, failure or compromise of our information systems; catastrophic events, such as natural disasters, acts of war, or terrorism; the impact of price fluctuations in natural gas and disruptions in markets and the economy due to oil price volatility; costs and outcomes of legal or regulatory proceedings and investigations; asset impairments due to economic conditions or specific events; significant fluctuations in interest rates and foreign currency exchange rates from those currently anticipated; damage to facilities, pipelines or delivery systems, including those we own or operate for third parties; availability and cost of raw materials; the success of productivity and operational improvement programs; and other risk factors described in the Company's Form 10-K for its fiscal year ended September 30, 2018. Except as required by law, the Company disclaims any obligation or undertaking to update or revise any forward-looking statements contained herein to reflect any change in the assumptions, beliefs, or expectations or any change in events, conditions, or circumstances upon which any such forward-looking statements are based.



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Safety results

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	FY14	Q119	Q119 vs FY14
Employee Lost Time Injury Rate	0.24	0.04	83% better
Employee Recordable Injury Rate	0.58	0.39	33% better



FY14 includes MT



Our Goal

Air Products will be the **safest**, **most diverse** and **most profitable** industrial gas company in the world, providing excellent service to our customers





Creating shareholder value Management philosophy

Shareholder Value	Cash is king; cash flow drives long-term value. What counts in the long term is the increase in per share value of our stock, not size or growth.
CEO Focus	Capital allocation is the most important job of the CEO.
Operating Model	Decentralized organization releases entrepreneurial energy and keeps both costs and politics ("bureaucracy") down.





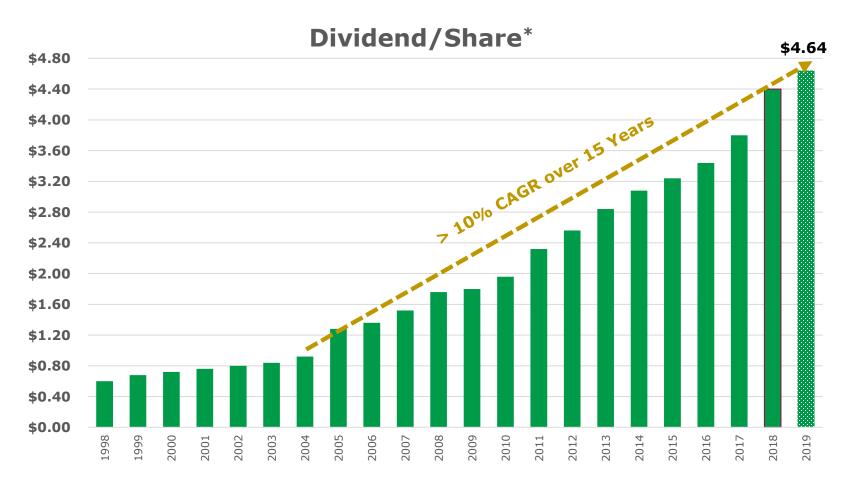
Five Point Plan: Moving Forward

Sustain the lead	Deploy capital	Evolve	Change	Belong and Matter
Safest, most diverse, and most profitable	Strategically invest significant available capacity	Grow onsite portion	4S	Inclusion
Best-in-class performance	Win profitable growth projects globally	Energy, environment and emerging markets	Committed and motivated	Enjoyable work environment
Productivity			Positive attitudes and open minds	Proud to innovate and solve challenges





Dividend history

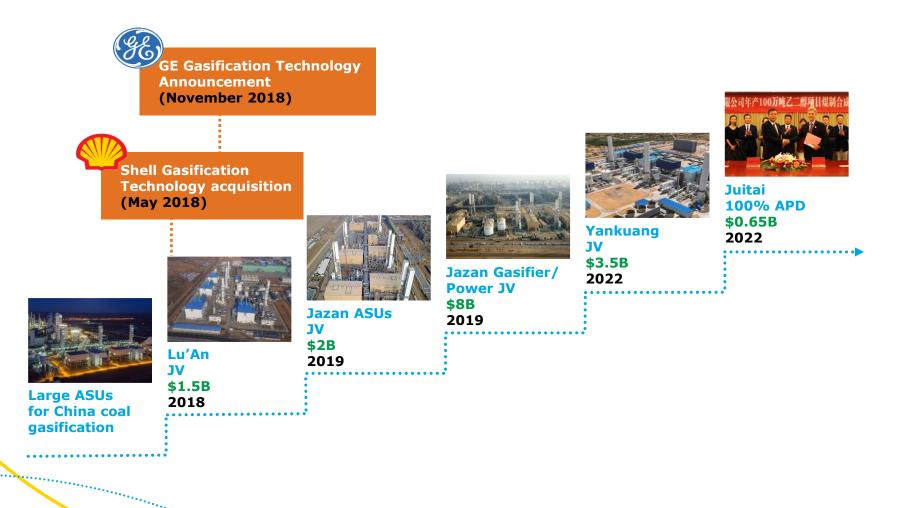


- >\$1B/year of dividend to the shareholders in 2019
- 37 years of increasing dividend

* Based on annualized quarterly dividend declared in 1st quarter



Executing our gasification strategy Energy, environmental, emerging markets







Our key profitability metrics

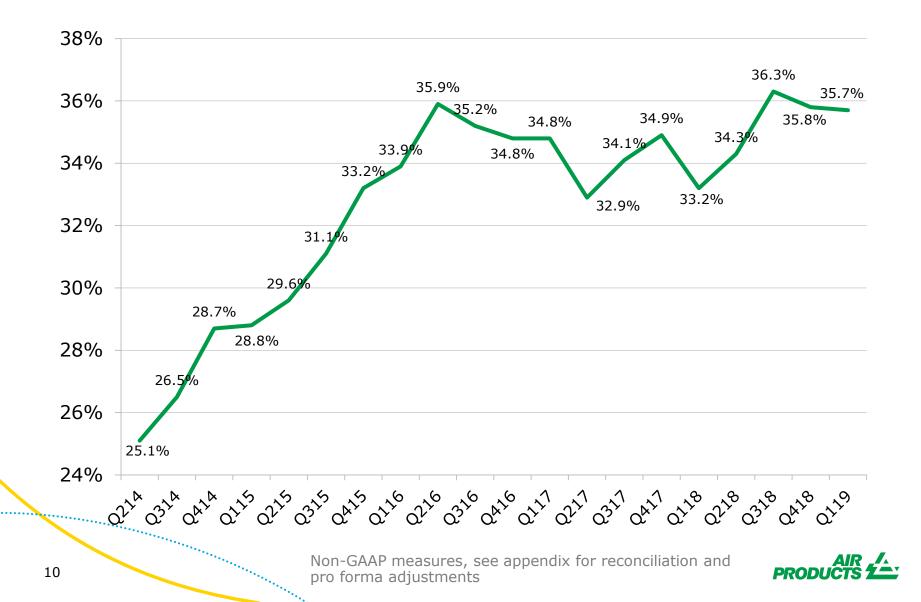
	Q1 FY19
EBITDA % margin	35.7%
Operating % margin	21.8%
ROCE	12.4%

Based on continuing ops, non-GAAP measures, see appendix for reconciliation



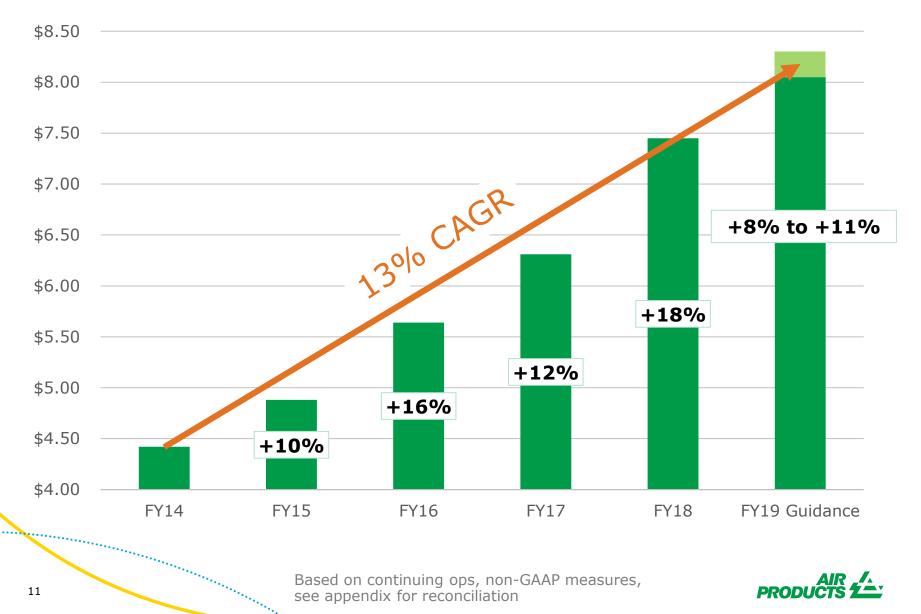


EBITDA margin trend





Air Products EPS



Q1 Results

		Fav/(Un	fav) vs.
(\$ million)	Q1FY19	Q1FY18	Q4FY18
Sales	\$2,224	-%	(3%)
- Volume (+2% ex PY plant sale)		(3%)	(4%)
- Price		1%	-%
 Energy cost pass-through 		5%	3%
- Currency		(2%)	(1%)
- Other (India contract modification)		(1%)	(1%)
EBITDA	\$795	8%	(3%)
- EBITDA Margin	35.7%	250bp	(10bp)
Operating Income	\$484	5%	(5%)
- Operating Margin	21.8%	100bp	(40bp)
Net Income	\$410	4%	(7%)
GAAP EPS (\$/share)	\$1.57	124%	(23%)
Adjusted EPS (\$/share, +9% ex PY sale)	\$1.86	4%	(7%)
ROCE	12.4%	50bp	-bp

- Overall volume up 5% excluding Jazan and prior-year China plant sale
- EPS up 9% and EBITDA up 12% excluding prior-year China plant sale
- India hydrogen plant converted to tolling lowers sales 1% but no profit impact





Q1 EPS analysis

	Q1FY18	Q1FY19	Char	nge
As reported cont ops EPS	\$0.70	\$1.57		
less non-GAAP items	(\$1.09)	<u>(\$0.29)</u>		
NonGAAP cont ops EPS	\$1.79	\$1.86		\$0.07
Volume (+\$0.21 ex PY plant sale)			0.13	
Price / raw materials			0.05	
Cost			(0.06)	
				\$0.12
Currency/FX				(\$0.04)
Equity affiliate income			0.03	
Tax rate			(0.03)	
Other (NCI, interest, non-op ir	າc.)		(0.01)	
				(\$0.01)

• EPS up \$0.15 excluding prior-year China plant sale

Based on continuing ops, non-GAAP measures, diluted shares, see appendix for reconciliation





Cash Flow Focus

(\$ million)	Q1FY19 LTM
EBITDA	\$3,176
Interest, net	(80)
Cash Tax	(333)
Maintenance Capex	(423)
Distributable Cash Flow	\$2,340
	\$10.59/Share
Dividends	<u>(932)</u>
Investable Cash Flow	\$1,408

- Paid about 40% of Distributable Cash Flow as dividends
- Over \$1.4B of Investable Cash Flow

Based on continuing ops, non-GAAP measures, diluted shares, see appendix for reconciliation



Capital deployment scorecard FY18 – FY22, as of 12/31/18



Spent		\$	1.8	Growth capex plus M&A
Commitments		<u>\$</u>	6.3	Remaining to be spent
Total Spent + Commit	ted	\$	8.1	
Available now	Total Debt Capacity	\$	9.5	Assuming 3 x LTM EBITDA
	Net Debt	<u>\$</u>	0.8	Debt minus cash
	Additional Available	\$	8.7	
Available in future	Investable Cash Flow	<u>\$</u>	<u>5.3</u>	LTM / 3.75 years remaining
Total Available		\$	14.0	
FY18 - FY22 Capacity		\$	15.8	Spent plus Total Available
% Spent			11%	
% Spent + Committed			51%	

Commitment to manage debt balance to maintain current targeted A/A2 rating



Gases Asia

		Fav/(Ur	ıfav) vs.
	Q1FY19	Q1FY18	Q4FY18
Sales	\$627	(3%)	(1%)
- Volume (+17% ex PY plant sale)		(2%)	1%
- Price		1%	(1%)
 Energy cost pass-through 		1%	-%
- Currency		(3%)	(1%)
EBITDA (+33% ex PY plant sale)	\$298	21%	10%
- EBITDA Margin (+470bp ex PY plant sale)	47.5%	920bp	470bp
Operating Income	\$202	15%	12%
- Operating Margin	32.2%	490bp	370bp

- New plants drive majority of volume growth with Lu'An fully onstream
- Merchant price up 3%
- Margin improvement supported by improved volume, price and cost
- Prior-year China plant sale contributed \$121M of sales and \$23M of EBITDA



Gases Americas

		Fav/(Unfav) vs.	
	Q1FY19	Q1FY18	Q4FY18
Sales	\$989	9%	- %
- Volume		2%	(6%)
- Price		2%	1%
 Energy cost pass-through 		7%	6%
- Currency		(2%)	(1%)
EBITDA	\$367	4%	(8%)
- EBITDA Margin	37.1%	(180bp)	(330bp)
Operating Income	\$219	1%	(13%)
- Operating Margin	22.2%	(170bp)	(330bp)

- New plants and positive merchant volumes
- Merchant price up 4%
- Planned refinery customer maintenance outages impacted hydrogen volumes and maintenance costs
- EBITDA margin up 50bp excluding energy pass-through



Gases EMEA

		Fav/(Unfav) vs.	
	Q1FY19	Q1FY18	Q4FY18
Sales	\$524	2%	(5%)
- Volume		1%	(1%)
- Price		2%	-%
 Energy cost pass-through 		6%	2%
- Currency		(4%)	(2%)
- Other (India contract modification)		(3%)	(4%)
EBITDA	\$166	(1%)	(5%)
- EBITDA Margin	31.6%	(70bp)	20bp
Operating Income	\$106	1%	-%
- Operating Margin	20.1%	(20bp)	100bp

- Positive merchant volume, and merchant price up 4%
- India hydrogen plant converted to tolling lowers sales 3% but no profit impact
- Excluding energy cost pass-through, EBITDA margin up 80bp





Global Gases

	Q1FY19	Fav/(Unfav) vs. Q1FY18
Sales	\$68	(\$65)
EBITDA	\$6	(\$5)
Operating Income	\$4	(\$6)

• Sales and profits decreased on lower Jazan SOE activity





Corporate

	Q1FY19	Fav/(Unfav) vs. Q1FY18
Sales	\$16	\$1
EBITDA	(\$42)	\$1
Operating Income	(\$47)	(\$1)

• No significant change in LNG activities







Q2 EPS	vs PY	FY EPS	vs PY
\$1.80 - \$1.90	+5% to +11%	\$8.05 to \$8.30	+8% to +11%

FY19 Capital Expenditure = \$2.3 - \$2.5 billion (Does not include Jazan Gasification/Power JV)

Commitments (Projects plus M&A) = \sim \$7B

Based on continuing ops, non-GAAP measures, see appendix for reconciliation





Our competitive advantage

The only sustainable element of long-term competitive advantage is the degree of **commitment** and **motivation**

of the people in the enterprise



Appendix slides

Major projects

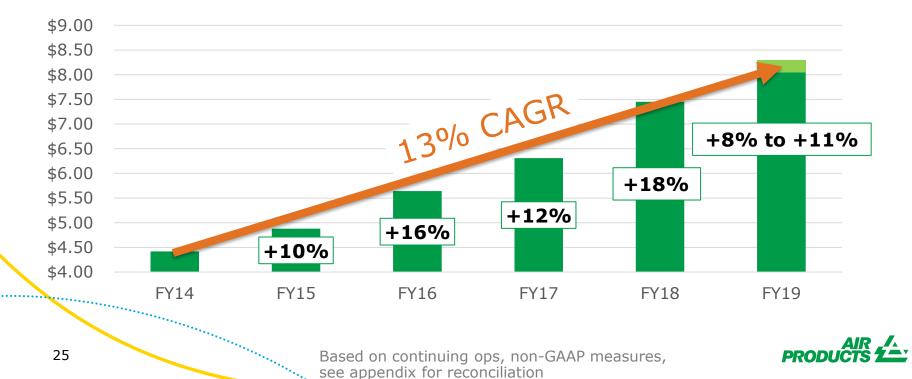
* Multiple Phases

				-
Plant	Customer/Location	Capacity	Timing	Market
ONSTREAM (las	st four quarters)			
H2/CO	Baytown, Texas	125 MM H2+CO	OS Q318	Pipeline
ASU/Gasifier	AP(60%)/Lu'An JV - Shanxi, China	10,000 TPD O2, ~\$1.5B total JV	OS Q418*	Gasif to Chemicals
ASU/Liquid	Ulsan, Korea	1750 TPD	Q1 FY19	Pipeline
ASU – Ph 3/4	Samsung Pyeongtaek, Korea	World Scale	Q1 FY19*	Electronics
Liquid ASU	Middletown, Ohio	400 TPD	Q1 FY19	Merchant
ASU/LAR	Chemours, Tennessee	Not disclosed	Q1 FY19	Chemicals
PROJECT COMM	IITMENTS			
Liquid ASU	Glenmont, NY	1100 TPD LXNLAR	2H FY19	Merchant
ASU/H2/Air	Samsung Xi'an, China	World Scale	2H FY19*	Electronics
ASU/H2	Samsung Giheung, Korea	World Scale	FY 20	Electronics
Syngas	BPCL Ph 2, India	Not disclosed	FY 20	Chemicals
H2/CO	Geismar, Lousiana	50MMH2+6.5MMCO	FY 20	Chem/Pipeline
Liquid ASU	Minnesota	Not disclosed	2020	Merchant
Liquid H2	LaPorte, TX	~30 tons per day	2021	Merchant
ASU/Liquid	Eastman, Kingsport, Tennessee	Not disclosed	2021	Gasifier/Merchant
Liquid H2	California	Not disclosed	2021	Merchant
ASU: AP SOE + JV SOG	AP(25%)/ACWA JV – Jazan, Saudi Arabia	75,000 TPD O2/N2, \$2B total JV	2019*	Gasifier/Refinery
Gasifier/Power	AP(~60%)/SA/ACWA JV – Jazan, Saudi Arabia	\$8B total JV	2019*	Gasif to Refinery
ASU/Gasifier	AP(~55-60%)/YK-SFEC - Shaanxi, China	40,000 TPD O2, \$3.5B total JV	2022*	Gasif to Chemicals
ASU/Gasifier	AP 100% - Jiutai-Hohhot, China	\$0.65B investment	2022*	Gasif to Chemicals

Air Products EPS



FY14	FY15	FY16		FY17	FY18	FY19
			Q1	\$1.47	\$1.79	\$1.86
			Q2	\$1.43	\$1.71	\$1.80 - \$1.90
			Q3	\$1.65	\$1.95	
			Q4	\$1.76	\$2.00	
\$4.42	\$4.88	\$5.64		\$6.31	\$7.45	\$8.05 - \$8.30



Capital Expenditure



FY	\$MM
2019 Forecast	\$2.3 - \$2.5 billion
2018	\$1,914
2017	\$1,056
2016	\$908
2015	\$1,201

Non-GAAP - Capital Expenditures includes Additions to plant and equipment; Acquisitions; and Investment in and advances to unconsolidated affiliates. Excludes \$0.3B in 2015 for Indura equity.



Q1FY19 Non-GAAP items



(\$M, \$/share)	Op. I	Income	Тах	Net	Income	EPS
Facility Closure	\$	29.0	\$ 6.9	\$	22.1	\$ 0.10
Tax Reform - Repatriation			\$ 15.6	\$	(15.6)	\$(0.07)
Tax Reform - Deemed Foreign Dividends			\$ (56.2)	\$	56.2	\$ 0.26
Total	\$	29.0	\$ (33.7)	\$	62.7	\$ 0.29

Positive numbers on this slide represent losses. Based on continuing ops, non-GAAP measures, see appendix for reconciliation



Appendix: Q119 Results

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(\$ Millions, except per share data)

		GAAP I	Measure		Non GAAP	Non GAAP Adjusts. Non GAAP Mea			Measure	re					easure		
			\$	%					\$	%							
<u>Q119 vs. Q118 - Total Company</u>	<u>Q119</u>	<u>Q118</u>	<u>Change</u>	<u>Change</u>	<u>Q119 (2)</u>	Q118 (2)	<u>Q119</u>	<u>Q118</u>	<u>Change</u>	<u>Change</u>							
Sales	2,224.0	2,216.6	7.4	0%			2,224.0	2,216.6	7.4	0%							
Operating Income	455.0	460.7	(5.7)	(1%)	29.0	-	484.0	460.7	23.3	5%							
Operating Margin	20.5%	20.8%		(30)bp			21.8%	20.8%		100bp							
Income from Cont. Ops. (1)	347.5	155.6	191.9	123%	62.7	239.0	410.2	394.6	15.6	4%							
Diluted EPS - Cont. Ops. (1)	\$1.57	\$0.70	\$0.87	124%	0.29	1.09	\$1.86	\$1.79	\$0.07	4%							
<u>Q119 vs. Q418 - Total Company</u>	<u>Q119</u>	<u>Q418</u>	<u>Change</u>	<u>Change</u>	<u>Q119 (2)</u>	<u>Q418 (2)</u>	<u>Q119</u>	<u>Q418</u>	<u>Change</u>	<u>Change</u>							
Sales	2,224.0	2,298.9	(74.9)	(3%)			2,224.0	2,298.9	(74.9)	(3%)							
Operating Income	455.0	533.7	(78.7)	(15%)	29.0	(24.1)	484.0	509.6	(25.6)	(5%)							
Operating Margin	20.5%	23.2%		(270)bp			21.8%	22.2%		(40)bp							
Income from Cont. Ops. (1)	347.5	452.9	(105.4)	(23%)	62.7	(11.1)	410.2	441.8	(31.6)	(7%)							
Diluted EPS - Cont. Ops. (1)	\$1.57	\$2.05	(\$0.48)	(23%)	0.29	(0.05)	\$1.86	\$2.00	(\$0.14)	(7%)							

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(1) Attributable to Air Products

(2) Non GAAP Adjustments		Q119			Q418			Q118	
		Inc From			Inc From			Inc From	
	Op Inc	Cont Ops	<u>EPS</u>	Op Inc	Cont Ops	EPS	Op Inc	Cont Ops	EPS
Facility Closure	29.0	22.1	0.10						
Change in inventory valuation method				(24.1)	(17.5)	(0.08)			
Pension settlement loss					33.2	0.15			
Tax reform repatriation		(15.6)	(0.07)		24.1	0.11		453.0	2.06
Tax reform rate change and other					2.2	0.01		(214.0)	(0.97)
Tax restructuring					3.1	0.01			
Tax reform adjustment related to deemed foreign dividends		56.2	0.26		(56.2)	(0.25)			-
Total Adjustments	29.0	62.7	0.29	(24.1)	(11.1)	(0.05)	-	239.0	1.09



Appendix: Adjusted EBITDA Trend

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						_	Q119	vs PY	Q119 v	s PQ
\$ Millions	<u>Q118</u>	<u>Q218</u>	<u>Q318</u>	<u>Q418</u>	<u>FY18</u>	<u>Q119</u>	<u>\$</u>	<u>%</u>	<u>\$</u>	<u>%</u>
Income From Continuing Operations	162.7	423.6	444.7	459.7	1,490.7	357.0				
Add: Interest expense	29.8	30.4	34.9	35.4	130.5	37.3				
Less: Other non-operating income (expense), net	9.8	11.1	12.8	(28.6)	5.1	18.5				
Add: Income tax provision (benefit)	291.8	56.2	107.1	69.2	524.3	132.1				
Add: Depreciation and amortization	227.9	240.0	245.6	257.2	970.7	258.0				
Add Non GAAP pre-tax adjustments (1)	<u>32.5</u>	<u>0.0</u>	<u>0.0</u>	<u>(28.1)</u>	<u>4.4</u>	<u>29.0</u>				
Adjusted EBITDA	734.9	739.1	819.5	822.0	3,115.5	794.9	60.0	8%	(27.1)	(3%)
Sales	2,216.6	2,155.7	2,259.0	2,298.9	8,930.2	2,224.0				
Adjusted EBITDA Margin	33.2%	34.3%	36.3%	35.8%	34.9%	35.7%		250bp		(10)bp
(1) Non GAAP Pre-Tax Adjustments										
	<u>Q118</u>	<u>Q218</u>	<u>Q318</u>	<u>Q418</u>	<u>FY18</u>	<u>Q119</u>				
Change in inventory valuation method	0.0	0.0	0.0	(24.1)	(24.1)	0.0				
Tax reform repatriation – equity method investment	32.5	0.0	0.0	(4.0)	28.5	0.0				
Facility Closure	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>29.0</u>				
Non GAAP pre-tax adjustments	<u>32.5</u>	<u>0.0</u>	<u>0.0</u>	<u>(28.1)</u>	<u>4.4</u>	<u>29.0</u>				



Appendix: Adjusted EBITDA by Segment

Moving forward

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A	0.140	0040	0040	0.440		0.440		vs PY	Q119 v	
\$ Millions	<u>Q118</u>	<u>Q218</u>	<u>Q318</u>	<u>Q418</u>	<u>FY18</u>	<u>Q119</u>	<u>\$</u>	<u>%</u>	<u>\$</u>	<u>%</u>
<u>Gases - Americas</u>										
Operating Income	217.2	222.3	237.1	251.3	927.9	219.2				
Add: Depreciation and amortization	117.8	122.3	120.5	124.7	485.3	125.6				
Add Equity Affiliates' Income	<u>18.6</u>	<u>16.9</u>	<u>24.1</u>	<u>22.4</u>	<u>82.0</u>	<u>22.6</u>				
Adjusted EBITDA	353.6	361.5	381.7	398.4	1,495.2	367.4	13.8	4%	(31.0)	(8%)
Adjusted EBITDA Margin	38.9%	39.6%	40.2%	40.4%	39.8%	37.1%		(180)bp		(330)bp
<u>Gases - EMEA</u>										
Operating Income	104.5	116.7	118.8	105.8	445.8	105.6				
Add: Depreciation and amortization	49.1	50.7	49.8	49.0	198.6	46.3				
Add Equity Affiliates' Income	<u>13.1</u>	<u>11.1</u>	<u>17.5</u>	<u>19.4</u>	<u>61.1</u>	<u>13.7</u>				
Adjusted EBITDA	166.7	178.5	186.1	174.2	705.5	165.6	(1.1)) (1%)	(8.6)	(5%)
Adjusted EBITDA Margin	32.3%	31.8%	33.2%	31.4%	32.2%	31.6%		(70)bp	. ,	20bp
<u>Gases - Asia</u>										
Operating Income	175.5	148.7	185.5	180.2	689.9	201.8				
Add: Depreciation and amortization	56.8	62.6	69.5	76.9	265.8	79.9				
Add Equity Affiliates' Income	14.2	15.4	15.1	<u>13.6</u>	58.3	<u>16.2</u>				
Adjusted EBITDA	246.5	226.7	270.1	270.7	1,014.0	297.9	51.4	21%	27.2	10%
Adjusted EBITDA Margin	38.3%	40.7%	43.3%	42.8%	41.3%	47.5%		920bp		470bp
Gases - Global										
Operating Income	9.5	12.1	19.8	12.5	53.9	3.9				
Add: Depreciation and amortization	1.6	1.9	2.3	2.3	8.1	2.1				
Add Equity Affiliates' Income	<u>0.4</u>	<u>0.3</u>	<u>1.4</u>	<u>(0.2)</u>	1.9	<u>0.4</u>				
Adjusted EBITDA	11.5	14.3	23.5	14.6	63.9	6.4	(5.1))	(8.2)	
Corporate/Other										
Operating Income	(46.0)	(44.4)	(45.4)	(40.2)	(176.0)	(46.5)				
Add: Depreciation and amortization	2.6	2.5	3.5	4.3	12.9	4.1				
Add Equity Affiliates' Income	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	0.0	<u>0.0</u>				
Adjusted EBITDA	(43.4)	(41.9)	(41.9)	(35.9)	(163.1)	(42.4)	1.0		(6.5)	
	()	((()	()	()	•		(0.0)	



pendix: ROCE	<u>Q1 17</u>	<u>Q2 17</u>	<u>Q3 17</u>	<u>Q4 17</u>	<u>Q118</u>	<u>Q218</u>	<u>Q318</u>	<u>Q418</u>	<u>Q119</u> №	loving fo
GAAP Net Income from continuing operations										
attributable to Air Products		304.4	104.2	474.2	155.6	416.4	430.7	452.9	347.5	
Add Interest Expense Impact										
Before tax interest expense		30.5	29.8	30.8	29.8	30.4	34.9	35.4	37.3	
Interest expense tax impact		(7.1)	(13.6)	<u>0.1</u>	<u>(19.1)</u>	(3.6)	(6.8)	(4.6)	<u>(10.1)</u>	
Net interest expense Impact		23.4	16.2	30.9	10.7	26.8	28.1	30.8	27.2	
Add Net income attributable to noncontrolling										
interests (cont. ops.)		<u>5.7</u>	<u>2.2</u>	<u>6.3</u>	<u>7.1</u>	<u>7.2</u>	<u>14.0</u>	<u>6.8</u>	<u>9.5</u>	
GAAP Earnings After Tax		333.5	122.6	511.4	173.4	450.4	472.8	490.5	384.2	
Disclosed Items, after-tax										
Tax (benefit) associated with business separation		-	(8.2)	-	-	-	-	-	-	
Cost reduction and asset actions		7.2	30.0	30.9	-	-	-	-	-	
Pension settlement loss		2.6	3.4	0.6	-	-	-	33.2	-	
Gain on land sale		-	-	(7.6)	-	-	-	-	-	
Goodwill and intangible asset impairment charge		-	154.1	-	-	-	-	-	-	
Equity method investment impairment charge		-	79.5	-	-	-	-	-	-	
Tax election benefit		-	-	(111.4)	-	-	-	-	-	
Tax reform repatriation		-	-	-	453.0	-	-	24.1	(15.6)	
Tax reform rate change and other		-	-	-	(214.0)	-	-	2.2	-	
Tax restructuring		-	-	-	-	(38.8)	-	3.1	-	
Tax reform adjustment related to deemed foreign divi	dends	-	-	-	-	-	-	(56.2)	56.2	
Change in inventory valuation method		-	-	-	-	-	-	(17.5)	-	
Facility closure		-	-	-	-	-	-	-	22.1	
Subtotal Items		9.8	258.8	(87.5)	239.0	(38.8)	0.0	(11.1)	62.7	
Non-GAAP Earnings After-Tax		343.3	381.4	423.9	412.4	411.6	472.8	479.4	446.9	
Denominator										
Total Debt	4,318.4	3,843.2	3,926.0	3,962.8	3,513.3	3,566.5	3,871.2	3,812.6	3,767.9	
Total Equity	7,261.1	9,420.2	9,509.9	10,185.5	10,321.2	10,693.2	10,810.0	11,176.3	11,203.4	
Less: Assets of discontinued operations	(860.2)	<u>(9.8)</u>	<u>(9.8)</u>	<u>(10.2)</u>	<u>(10.2)</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	
Total Capital	10,719.3	13,253.6	13,426.1	14,138.1	13,824.3	14,259.7	14,681.2	14,988.9	14,971.3	
Calculation										
GAAP earnings after-tax - 4 qtr trailing					1,140.9	1,257.8	1,608.0	1,587.1	1,797.9	
Five-quarter average total capital					<u>13,072.3</u>	<u>13,780.4</u>	<u>14,065.9</u>	<u>14,378.4</u>	14,545.1	
ROCE - GAAP items					8.7%	9.1%	11.4%	11.0%	12.4%	
Non-GAAP earnings after-tax - 4 qtr trailing					1,561.0	1,629.3	1,720.7	1,776.2	1,810.7	
Five-quarter average total capital					<u>13,072.3</u>	<u>13,780.4</u>	<u>14,065.9</u>	<u>14,378.4</u>	<u>14,545.1</u>	
ROCE - Non-GAAP items					11.9%	11.8%	12.2%	12.4%	12.4%	
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Appendix: FY19 EPS Outlook

	Diluted
Q219 Guidance vs Prior Year	<u>EPS (1)</u>
Q218 GAAP	\$1.89
Tax restructuring benefit	<u>(\$0.18)</u>
Q218 Non GAAP	<u>\$1.71</u>
Q219 Guidance (2)	\$1.80-\$1.90
% Change FY19 guidance vs FY18 Non GAAP	5%-11%
FY19 Guidance vs Prior Year	
FY18 GAAP	\$6.59
Change in inventory valuation method	(\$0.08)
Pension settlement loss	\$0.15
Tax reform repatriation	\$2.16
Tax reform adjustment related to deemed foreign dividends	(\$0.25)
Tax reform rate change and other	(\$0.96)
Tax Restructuring	<u>(\$0.16)</u>
FY18 Non GAAP	<u>\$7.45</u>
FY19 Guidance (2)	<u>\$8.05-\$8.30</u>
% Change	8%-11%

(1) Continuing operations, attributable to Air Products

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(2) Guidance excludes the impact of certain items, if applicable, that we believe are not representative of our underlying business



Moving forward



Thank you tell me more

