





# Company Performance

Half Year ended 31 March 2018

**ASX: IPL** 

**US ADR: INCZY** 

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Incitec Pivot Limited ABN 42 004 080 264







# Welcome and Introduction

Half Year ended 31 March 2018

Jeanne Johns
Managing Director & Chief Executive Officer



# Overview

1	Half Year Review	Jeanne Johns	
	Zero Harm	Managing Director & Chief Executive Officer	
	Business Summary		
2	Group Financial Results	Frank Micallef	
	1H18 Overview	Chief Financial Officer	
	Balance Sheet and Capital Management		
	Corporate and Group		
3	Business Review	Jeanne Johns	
	Dyno Nobel Americas	Managing Director & Chief Executive Officer	
	Dyno Nobel Asia Pacific		
	Fertilisers Asia Pacific		
	Sustainability		
4	Outlook	Jeanne Johns	
	Explosives	Managing Director & Chief Executive Officer	
	Fertilisers		
	Key Priorities		
5	Questions		

#### Half Year Review

### Zero Harm

### IPL's core value is "Zero Harm for Everyone, Everywhere"

Fully integrated Health, Safety and Environment (HSE) system coupled with effective identification and management of HSF risks

TRIFR for 1H18 of 1.02 was up from 0.95 FY17

**Process Safety Incidents** improved 54% pcp

#### Zero Harm strategic re-set completed during the half

#### Re-launch of Rules to Live By on **World Safety Day**

TRIFR 30% reduction target by end FY21

#### Increasing the focus on its environmental impact,

IPL will also report on Significant Environmental Incidents, targeting zero incidents

#### **Focus on Process Safety and Operating Risk**

Tier 1 and Tier 2 Process Safety **Events and Potential High Severity** Incidents continuous improvement focus

### **Approach to Zero Harm**

**TRIFR** 

30%

**Reduction Target** 

Significant Environmental Incidents

**Target Zero** 

**Process Safety Incidents** 

Potential High Severity **Incident Rate** 

Continuous improvement

#### Half Year Review

# **Business Summary**

**NPAT** \$7.6m Excluding IMIs was \$147.1m ▼ 3.3% pcp

EBIT Excluding IMIs was \$240.3m ▼ 1% pcp

# Solid performance against a backdrop of mixed market conditions

Strong underlying US and Australian explosives market demand

US explosives market share growth across all three sectors

Excellent manufacturing performance from Waggaman and Moranbah, but result impacted by turnarounds and unplanned outages at Cheyenne, St Helens and Gibson Island

Fertilisers earnings impacted by dry weather across eastern Australia

# New executive management structure established

Focus on One IPL culture to leverage technology and practical innovation across borders

More leadership focus on Explosives and Fertilisers businesses

Stronger emphasis on customer solutions and technology coupled with manufacturing excellence

#### Focus on shareholder returns

A\$300m share buy-back program about one third complete – currently expected to be completed before the end of 2018



#### BE

Net productivity benefits of \$11.5m were delivered during the half. On track to deliver at least \$25m in FY18





# **Group Financial Results**

Half Year ended 31 March 2018

Frank Micallef Chief Financial Officer



### 1H18 Overview

NPAT

\$**7.6**m

Excluding IMIs was

\$147.1m,

**▼** 3.3% pcp

# Individually Material Items (IMIs)

Goodwill impairment of (\$236.0m) in Dyno Nobel Asia Pacific

Benefit of \$96.5m from restatement of US deferred tax balances

EBIT excluding IMIs of \$240.3m 1% pcp

#### Major drivers:

#### Fertiliser prices and Foreign Exchange

\$25.5m impact from higher realised fertiliser prices in the Australian Fertilisers business

\$3.1m (US\$2.8) impact from higher realised fertiliser prices in the Americas Agricultural & Industrial Chemicals business

(\$13.7m) impact on US\$-linked fertilizer sales from strengthening A\$ vs US\$

(\$6.6m) translation impact on US\$ earnings from strengthening A\$ vs \$US  $\,$ 

#### **Upstream manufacturing impact**

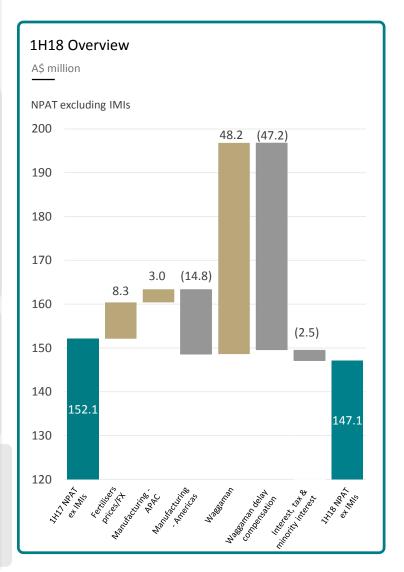
Asia Pacific: \$3.0m net impact, driven by of Moranbah efficiencies/uptime of \$11.6m and Gibson Island outages (\$8.6m)

Americas: (\$14.8m) from Cheyenne and St Helens turnarounds and outages

#### Waggaman business

Volumes/Efficiency/Price: \$48.2m impact from operating at 110% nameplate<sup>1</sup> and higher ammonia prices

Delay Damages: (\$47.2m) construction delay damages received in 1H17



# Balance Sheet and Capital Management

#### Robust balance sheet

Net debt largely unchanged since March 2017 at \$1.7Bn, but up relative to FY17 largely due to normal seasonal working capital increases and the impact of the Group's share buy-back program

## Metrics underpin investment grade credit ratings

S&P: BBB with stable outlook

Moodys: Baa2 with stable outlook

Expected refinancing activity during second half

#### Interim unfranked dividend of 4.5 cps

Representing a 51% NPAT (ex IMIs) payout ratio

#### Credit metrics well inside target ranges

Net Debt / EBITDA<sup>2</sup>: 2.2x vs 2.4x in 1H17

Interest Cover<sup>3</sup>: 7.5x vs 7.9x in 1H17

#### On-market share buy-back of up to \$300m

26.1 million ordinary shares bought back as at 31 March 2018, representing circa one third of the share buy-back program

Currently expected to be completed before the end of 2018

#### Credit Metrics As at 31 March 2018

Net Debt A\$m	Maturity (CY)	Facility Amount	Drawn Amount	Undrawn Amount
Syndicated Term Loan A	2018	360.0	229.9	130.1
Syndicated Term Loan B	2018	283.5	257.4	26.1
Medium Term Notes	2019	200.0	200.0	-
144A/Regulation S Notes	2019	1,045.2	1,045.2	-
Syndicated Revolver	2021	653.3	-	653.3
EMTN/Regulation S Notes	2027	522.6	522.6	-
Total Debt		3,064.6	2,255.1	809.5
Fair Value and Other				
Fair Value and Other Adjustments			(7.0)	
			16.6	
Adjustments  Loan to JVs, Associates/Other Trade			. ,	
Adjustments  Loan to JVs, Associates/Other Trade Loans			16.6	
Adjustments  Loan to JVs, Associates/Other Trade Loans  Cash and Cash Equivalents			16.6 (188.1)	
Adjustments  Loan to JVs, Associates/Other Trade Loans  Cash and Cash Equivalents  Fair Value of Hedges			16.6 (188.1) (331.9)	

<sup>1.</sup> Net Debt aggregates interest bearing liabilities plus the fair value of derivative instruments in place economically to hedge the Group's interest bearing liabilities, less available cash and cash equivalents

<sup>2.</sup> Net debt / EBITDA ratio is calculated using the last twelve months EBITDA

<sup>3.</sup> Interest Cover = 12 month rolling EBITDA / net interest expense before accounting adjustments

# Corporate and Group

# Net Borrowing Costs of \$59.7m vs \$49.9m in 1H17, driven by

Impact of higher average US interest rates (\$5.5m)

Cessation of capitalised interest relating to Waggaman in 1H17 (\$4.3m)

# Corporate costs of \$14.1m vs \$8.6m in 1H17

Reflecting investment in additional capability in commercial and technology and increased investment in certain customer focused initiatives

FY18 expected to be between \$25.0m to \$30.0m

# Tax Expense pre-IMIs<sup>1</sup> decreased by \$8.3m to \$31.4m as compared to 1H17

Primarily attributable to decrease in the US Federal tax rate to 21% (pcp: 35%)

Effective tax rate on operating profit for the half-year was 17.4% as compared to 20.6% in 1H17

Effective tax rate is expected to be approximately 18% for FY18

Considering the broader impact of the US tax reform legislation and based on current legislation and known regulations released to date, it is expected that the Group's effective tax rate would increase to approximately 21% to 23% beyond FY18

# **Incitec Pivot Limited**





1. Excluding 1H18 IMIs impacting tax expense of \$96.5m





# **Business Review**

Half Year ended 31 March 2018

Jeanne Johns
Managing Director & Chief Executive Officer





### **Americas**

#### High quality market positions in all sectors

**EBIT △**0.9%

to US\$101.7m

Strong volume performance, market share gains

EBIT result impacted by manufacturing downtime

#### Market share gains in Explosives

Sales volumes increased:

- Quarry & Construction +9%
- Base & Precious Metals up +19%
- Coal +35%

(US\$6.1m) impact from Cheyenne turnaround

Lower initiating systems sales volumes to international customers

#### Strong manufacturing performance at Waggaman US\$48m

US\$25.5m benefit from higher ammonia price and increased sales volumes

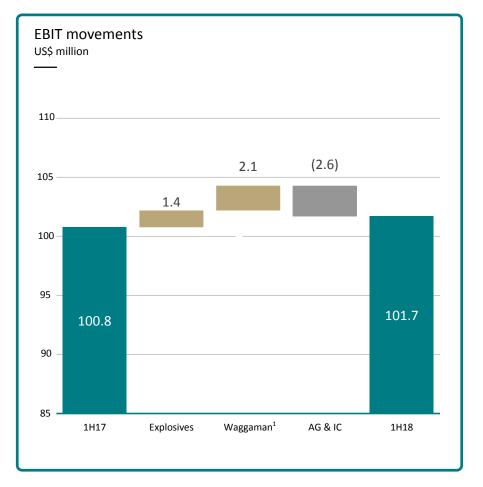
US\$11.7m benefit from plant efficiencies and above nameplate performance

1H17 result included US\$35.1m construction delay damages

#### AG & IC (US\$0.3m) impacted by manufacturing performance

US\$2.8m benefit from higher global fertiliser prices

(US\$5.4m) impact as a result of St Helens plant turnaround



<sup>1.</sup> Waggaman earnings movement of US\$2.1m (A\$1.0m) translated to A\$ as follows: Waggaman 1H18 earnings movement of US\$37.2m translated at the average A\$/\$US exchange rate for 1H18 and prior year Waggaman delay damages of US\$35.1 translated at the average A\$/US\$ exchange rate for 1H17



### Asia Pacific

### Robust market positions with opportunities to further leverage technology

**EBIT** ▲ **9.3**%

to \$100.1m

Moranbah manufactured 189k mt of ammonium nitrate equivalent product, operating at record levels since the major turnaround completed in April 2017

#### **Higher Operational Costs**

Western Australia: (\$3.8m) due to demobilisation and reorganisation resulting from lost business

#### Manufacturing performance and volumes

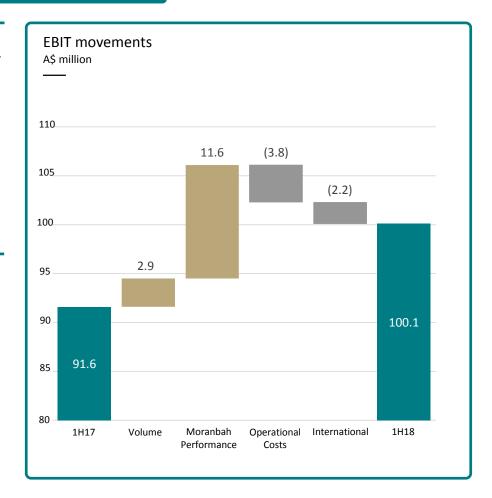
Moranbah: \$11.6m impact from increased plant efficiencies and absence of turnaround

Volumes: \$2.9m impact from increased sales volumes

International: (\$2.2m) largely from lower sales volumes in Indonesia

#### **WA Mitigation**

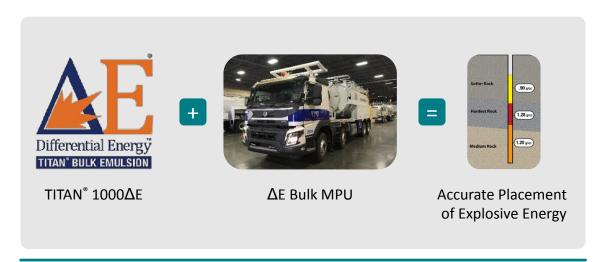
Actively working to mitigate, where possible, the impact of volume commitments with third party supplier in the West and maintain current levels of initiating systems and services





# Groundbreaking practical innovation

#### The Differential Energy System



Dyno Nobel Asia Pacific is set to launch a new product "Differential Energy" (Delta E) into the Western Australian explosives market

#### Patented solutions to meet customer needs

Single Product for Wet and Dry **Conditions** 

**Improves Fragmentation** Reducing Downstream **Processing** 

**Improves Blasting Accuracy** 

Maximizes Blast **Energy Efficiency** 

Requires **Less Subdrilling**  **Eliminates** the need to **Ship and Store Blasting Agents** 



# Groundbreaking practical innovation



Dyno Nobel's customers turn to electronic initiation

**Improves** their blasting processes and outcomes

Flexibility of timing from 0 to 20 seconds in 1 millisecond increments

Asia Pacific explosives markets

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## Asia Pacific Fertilisers

#### Strong market position with unique manufacturing and distribution footprint

EBIT ▼11.7%

to \$23.3m

Overall Fertilisers sales volumes almost flat at 1,195k mt

IPF distribution volumes increased to 914k mt, up 4% vs pcp

# Commodity prices and FX major impact across business

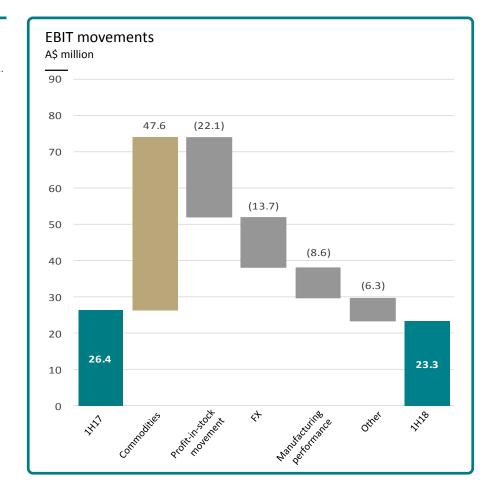
**Commodity prices:** \$25.5m impact from global fertiliser prices, offset in part by the elimination of higher profit-in-stock

**FX:** (\$13.7m) impact from strengthening A\$ vs US\$

# Manufacturing performance and other costs

**Gibson Island:** (\$8.6m) impact from outages

**Other costs:** (\$6.3m) impact from impairment of trade receivables, higher environmental compliance costs and Adelaide site relocation costs





# Asia Pacific Fertilisers – Innovative solutions for agriculture

#### Farmers and IPF driving innovation & technology to improve fertiliser effectiveness in pasture and crops

#### **Green Urea NV**



#### Urea treated with a proprietary inhibitor formulation developed in-house by IPF

Confidence that nitrogen remains where placed

#### Entec Nitrification inhibitor



Nitrogen not susceptible to losses from weather events

Widely adopted in Queensland sugar cane market

#### LabSTREAM

#### **New Nutrient Advantage sampling** mobile application

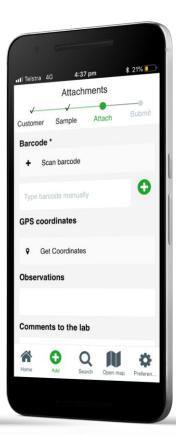
Allows agronomists to log soil samples in field using mobile devices

Gives the farmer more control of their soil nutrition program

#### **New Products 2018**

Spray trace elements to ensure excellent distribution across the field and flexibility around application rates







### Gibson Island

#### **Progressing negotiations with Central Petroleum for interim gas** supply to Gibson Island for 2019

Exploration and development of Central Petroleum's acreage for long term economic gas

# Island

Higher gas cost expected at Gibson

Earnings sensitivity to changes in gas prices is ~\$14m for every \$1/GJ increase. The estimated increase in the gas price for FY19 is ~\$3.50/GJ

#### **Carrying value of plant written** down in FY16

Remainder of 2016 turnaround to be depreciated in FY18 of \$18m

Additional maintenance of ~\$10m required to operate to end of 2019

#### Should a decision to close Gibson Island be taken at the end of 2019, closure costs estimated to be ~\$70m

Closure costs consist of cash costs \$60m and non-cash costs of \$10m

Likely to be offset in part by sale of land (estimated land value up to ~\$60m, depending on operational requirements)

Cash flow from sale of land likely to lag closure costs



# Sustainability Report 2017 – Highlights

#### Released in April 2018 as an online report

This report aligns to the Global Reporting Initiative (GRI4) materiality approach

Includes progress in reporting against the recommendations of the Taskforce on Climaterelated Financial Disclosures (TCFD)

#### **Product Quality; Product Sustainability; Customer Relationship**

Joint research project with the University of Melbourne into new fertiliser technologies for sustained food security

Australian Research Council project with Murdoch University to design safer, low NOx explosives for mining

#### **Environment**

reduction in GHG emissions per tonne of ammonia produced

### **Sustainable Development**

Waggaman Social Return On Investment (SROI)

us\$3.40

of social value was created in the community for every dollar invested by IPL

#### Managing, Engaging and Ensuring a **Diverse Workforce**

IPL has established a target to increase the percentage of women in its workforce by 10% year-on-year and to achieve a minimum participation rate of 25% women by 30 September 2022

IPL's global workforce representation of women at the half was 16%

#### **DJSI Assessment**

68 in 2017 compared to IPL achieved a score of Chemical Sector average of 53











# Outlook

Half Year ended 31 March 2018

Jeanne Johns
Managing Director & Chief Executive Officer



### Outlook

## **Explosives**



#### **Fertilisers**



#### DNA

#### **Expect growth at market** rates

**Quarry & Construction** forecast to grow 3 - 5%

**Base & Precious Metals** modest growth

Coal expected to be flat

Some impact on production volumes from turnarounds (now complete)

#### **DNAP**

#### **Strong demand from Met** Coal customers expected to continue into the second half

Impact of over-supply of AN in Western Australia<sup>1</sup>

Focus on Moranbah customers through valueadding global technology solutions and local flexible supply chain

Moranbah on track for record production in FY18

#### Waggaman

Waggaman plant experienced extraordinary operational performance during the half with no planned downtime for FY18

**Expecting nameplate** production in second half

#### **Fertilisers**

#### Earnings subject to growing conditions (weather), global fertilisers prices and the A\$/US\$ exchange rate

Phosphate Hill estimated production of ammonium phosphates is approximately 880k mt (pcp: 940k mt)

The Power and Water Company contract remains on track to deliver gas from the Northern Territory from calendar 2019

#### Gibson Island

#### **Negotiations for interim** gas supply ongoing

Higher gas costs expected for FY19 if interim gas is secured. Earnings sensitivity is ~\$14m for every \$1/GJ increase. The estimated increase in the gas price for FY19 is ~\$3.50/GJ

# **Key Priorities**

**Zero Harm** 



**Product Innovation &** 



People – One IPL



**Manufacturing Excellence** 



**Exceed Customer Expectations** 



**Continuous Improvement** 







# Questions







# Appendix A

Half Year ended 31 March 2018





# Waggaman – Economics

#### Long-term production is fully contracted or committed

Under long-term agreements with strong counterparties

#### **Contract Profile**

1/3 to Trammo via pipeline, rail, truck and barge

10 year contract

Primarily for US agriculture and industrial chemicals

1/3 to Cornerstone via onsite pipeline

25 year contract

Primarily for specialty chemical applications

#### 1/3 notionally to Dyno Nobel

Louisiana, Missouri plant through pipeline

Cheyenne, Wyoming plant through 3<sup>rd</sup> party arrangements

In aggregate, product sold at slight (~5%) discount to Tampa CFR



Name plate production capacity	~800,000mt of ammonia			
Natural gas requirement	~32mmbtu per mt			
Natural gas pricing index	Henry Hub			
Natural gas delivery fee	~US\$0.15 per mmbtu			
Gas hedging	Floor and Cap prices of US\$3.27 to US\$4.52/mmbtu <sup>2</sup>			
	FY18: ~5.9% FY19: ~0.4%			
Fixed conversion cost	~US\$47.00/mt based on name plate production			
Offtake arrangements	~1/3 notionally to Dyno Nobel			
	~2/3 sold to counterparties			
	In aggregate, product transferred at slight (~5%) discount to Tampa CFR			
Asset value	Sum of total cash spend and capitalised interest to date			
	Cash Spend: US\$814.7m			
	Capitalised interest: US\$86.1m			
Tax depreciation	Accelerated depreciation over 6 years as estimated below <sup>3</sup>			
	FY16: ~5% FY18: ~23% FY20: ~11%			
	FY17: ~38% FY19: ~14% FY21: ~9%			
Accounting depreciation Average asset life estimated ~35 years				

<sup>1.</sup> Source: CRU as of November 2017; North America comprises US and Canada

<sup>2.</sup> Percent of expected natural gas requirement per financial year based on nameplate production

<sup>3.</sup> Estimated financial year tax depreciation rates based on current asset allocation; subject to change

### **EBIT Sensitivities**

#### IPL's earnings are sensitive to external influences

Global fertiliser prices and foreign exchange are key factors

US Natural gas and global ammonia prices are also important factors

#### **EBIT Sensitivities** 1H18 sensitivities

Commodity	Proxy Index	EBIT Sensitivity
Americas		
Ammonia <sup>1</sup>	CFR Tampa	+/- US\$10/mt = +/-US\$7.5m
Natural Gas <sup>2</sup>	Henry Hub	+/-US\$0.10/mmbtu=-/+US\$2.5m
Urea <sup>3</sup>	FOB NOLA	+/-US\$10/mt=+/-US\$1.5m
FX Translation <sup>4</sup>		+/-A\$/US\$0.01=-/+A\$1.6m
Asia Pacific		
DAP <sup>5</sup>	FOB Tampa	+/-US\$10/mt=+/-A\$11.5m
Urea <sup>6</sup>	FOB Middle East	+/-US\$10/mt=+/-A\$4.5m
FX Transactional <sup>5,6</sup>		+/-A\$/US0.01=-/+A\$7.1m

<sup>1.</sup> Based on forecast FY18 Waggaman manufactured ammonia for sale of 840 kmt

<sup>2.</sup> Based on forecast FY18 Waggaman natural gas consumption

<sup>3.</sup> Based on forecast FY18 St Helens manufactured urea of 169 kmt

<sup>4.</sup> Based on every \$US100m EBIT at the average realised 1H18 exchange rate of A\$/US\$ 0.78

<sup>5.</sup> Based on forecast FY18 Phosphate Hill Ammonium Phosphate sales of 880 kmt; 1H18 average realised DAP price of US\$390 and 1H18 average exchange rate of A\$/US\$ 0.78





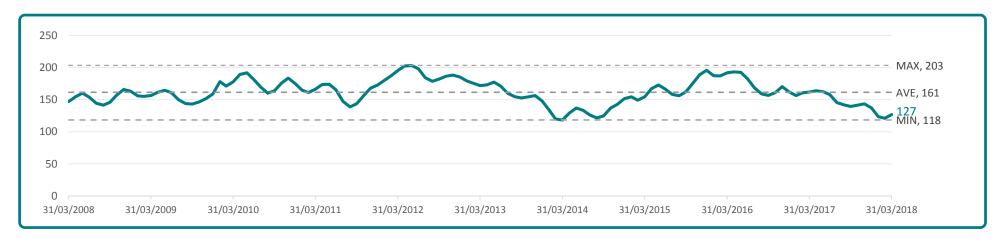
# Appendix 2 – Commodity Statistics

Half Year ended 31 March 2018

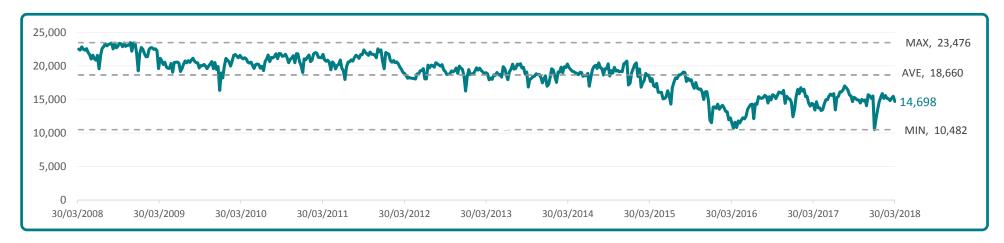


## **US Coal Inventories and Production**

#### **US Electrical Power Coal Inventories - Last 10 Years**



#### **US Coal Production - Last 10 Years**



# **US Quarry and Construction Indicators**

#### **Crushed Stone US Freight Rail Carloads - Last 10 Years**

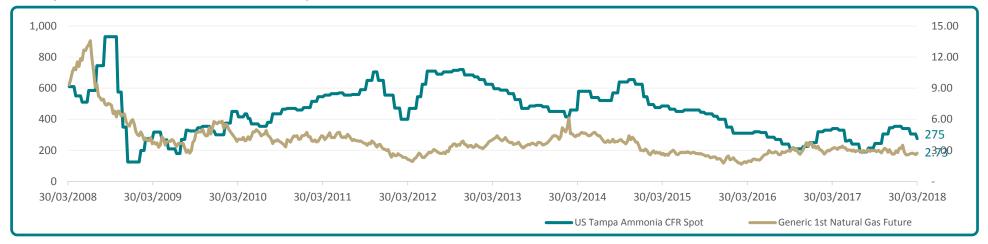


#### ISE Engineering and Construction Index - Last 10 Years

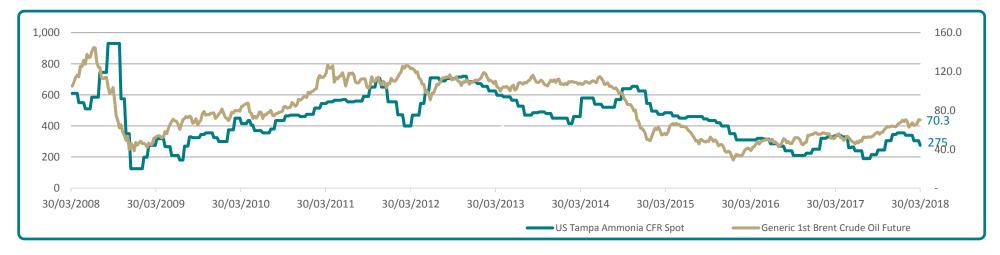


# **US Ammonia Spreads**

#### Henry Hub Natural Gas vs. Ammonia (CFR Tampa) - Last 10 Years

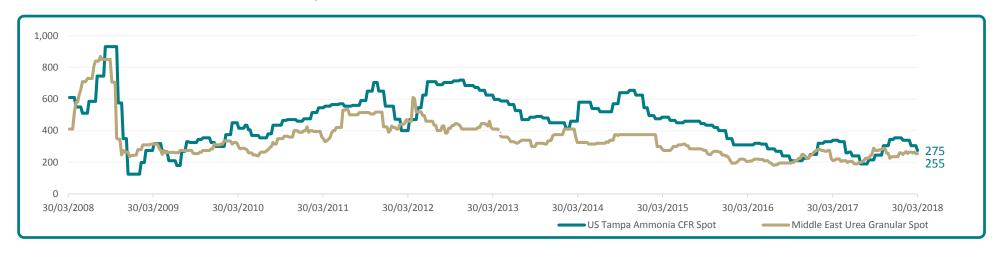


#### Brent Oil vs. Ammonia (CFR Tampa) - Last 10 Years



# **US Ammonia Spreads**

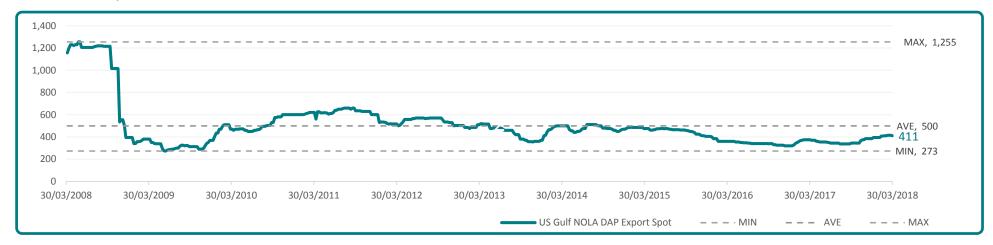
#### Urea (FOB Middle East) vs. Ammonia (CFR Tampa) - Last 10 Years



Source: Bloomberg 31

# Fertiliser Benchmark Pricing

#### DAP (FOB Tampa) - Last 10 Years



#### **Urea (FOB Middle East) - Last 10 Years**

