

## **Market Update**

29 July 2021

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## Jeanne Johns

Managing Director & Chief Executive Officer

## **AGENDA**

Performance Update

Manufacturing Regional Model

Waggaman Update

**Global Manufacturing Update** 

Highlights

Summary

Appendix

## Performance Update

## Strong 2<sup>nd</sup> half performance from firm commodity prices and solid manufacturing performance

## Dyno Nobel growth underpinned by technology

## **Dyno Nobel Americas:**

- Q&C and Metals markets performing well
- Chilean trials recommenced

## **Dyno Nobel Asia Pacific:**

- Stable and resilient performance
- Major contract renewals completed

#### **Fertilisers Asia Pacific:**

- Commodity prices supporting strong manufacturing margins
- 1H Profit in Stock realised in 2H

## **Manufacturing:**

- Waggaman returned to nameplate as from end May
- Moranbah turnaround completed, running at nameplate
- All plants on line and performing well



## Regional Manufacturing Focus and Accountability

## Regional manufacturing model to deliver Manufacturing Excellence in COVID restricted world

- Strategy unchanged Execution focus
- Day-to-day accountability and oversight for safe and reliable operations within region
- Regional model adds technical expertise on the ground – primarily Americas
- Regional manufacturing Vice Presidents to report to regional Dyno Nobel Presidents
- Global Asset Management and Engineering role in place to maintain global standards and practices
- Search for an Executive for Manufacturing has commenced



## Waggaman Update

Returned to service end of May – Reliable production post re-start

Taskforce successfully returned plant to service at the end of May

Since re-start, plant has operated reliably at nameplate<sup>(1)</sup>

Cooler replacement planned for FY22/23

 Potential to coordinate with Co-Gen project (steam and power independence)

Site leadership team renewal









## Waggaman Taskforce Update

Taskforce approach delivering improvements

#### **REPAIR TEAM – COMPLETED RE-START TEAM – TRANSITIONING RELIABILITY TASKFORCE – CONSOLIDATING** Fix current outage issues: Re-start plant and assure strong run Address longer term reliability issues

- Identify root causes
- Develop and implement plans to "fix for good" root causes and compressor coupling/bearing
- ✓ Root cause analysis completed
- ✓ Repairs made

Estimated timeline:

Lessons captured and embedded into Global Manufacturing

To end May 2021

- Strengthen re-start operating rigor and procedures
- Monitoring routines for operators and experts
- Upskill local staff consistent with high reliability organisational principles
- ✓ Operating procedures reviewed and re-written
- √ 24/7 monitoring
- ✓ Increased operational excellence training and coaching

- Ammonia cooler replacement
- Steam (and power) independence from Cornerstone
- "Double contingency" redundancy risks
- ✓ Work continuing on two major projects:
  - 1. Cooler replacement
  - 2. Co-Gen (steam / electricity)
- ✓ Engineering efforts to improve and remedy redundancy issues

Through June / July 2021

To year end 2021

## Taskforce strategy proving successful

## **Global Manufacturing**



#### Moranbah

- Turnaround complete
- Plant running at nameplate

#### **Phosphate Hill**

- Solid end of campaign performance (YTD 95%)
- Turnaround preparations tracking well

#### Cheyenne

- Second half ammonia reliability at 95%
- Turnaround preparations tracking well

#### **Other Manufacturing Facilities**

- YTD performance in line with expectations
- Nitric acid reliability has been strong across the fleet

#### **Operational Discipline and Reliability**

#### Regionalisation of Engineering and reliability expertise

- Created North America Vice President HSE and Engineering role
- Recruiting technical & engineering roles in North America to support regional operations

#### Continue to build operational and leadership capability

- Increase the use of third party experts to conduct 'cold eyes' assessments and provide ongoing coaching
- Increase the focus on frontline leaders to set performance expectations and accountability
- Utilise Korn Ferry assessment tools, aligned with the IPL Leadership framework, to improve the understanding of existing capabilities

Committed to delivering A\$40M to A\$50M contribution in FY23

## Turnarounds

## Manufacturing Excellence improving turnaround readiness scores

- Manufacturing Excellence strategy has improved Turnaround readiness
  - Phosphate Hill, with benefit of full turnaround strategy, showing higher readiness at TAR 1 stage
- Focus on turnaround readiness drives greater schedule and cost accuracy

- Turnaround execution quality across all disciplines is the key to ongoing reliability
- Turnaround governance and execution strategy improvements to deliver predicted performance at Phosphate Hill and Cheyenne in FY22

- FY22 Turnarounds:
  - Cheyenne
  - Phosphate Hill
- Completes current turnaround cycle
- Next major turnaround cycle begins FY25



Manufacturing Excellence
Informed by
HRO@IPL thinking and practice.

Turnaround planning progressing well – Cycle nearing completion

## Highlights

- Electronic detonator sales growth remains strong
- First wireless detonation completed. Operationally ready in FY22:
  - First ever underground wireless detonation in Western Australia
  - Positive customer feedback
  - CyberDet I improved safety and efficiency
- Low Carbon Ammonia Opportunities:
  - World class expertise in ammonia production
  - Ammonia assets capable of blue/green conversion
  - Expert team assessing medium term opportunities



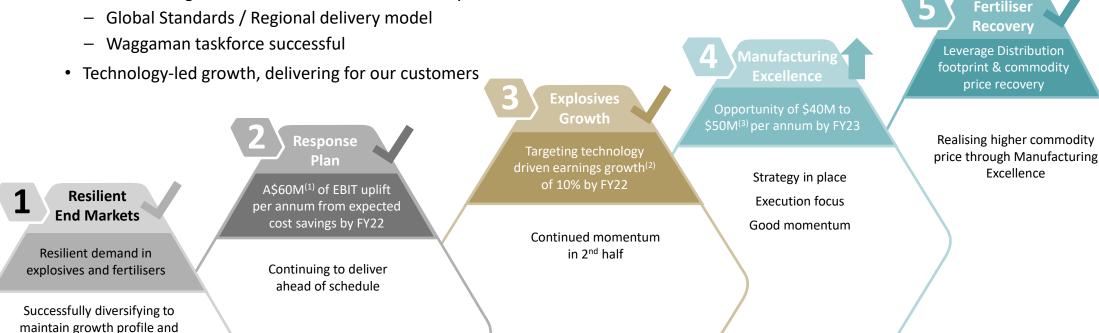


## Summary

manage decline in coal

## The strategy is delivering strong second half and future growth

• Manufacturing: Execution focus and accountability



(1) Sustained incremental earnings uplift by FY22 of an estimated \$60M per annum, based on expected cost savings when compared to FY19 cost base. (2) Technology driven estimated growth in Explosives EBIT between FY20 and FY22, assuming no significant deterioration in current market conditions. (3) Opportunity for sustained incremental earnings uplift by FY23 of an estimated \$40M to \$50M, based on average volume uplift compared with historical baseline average production and FY18 product margins for Waggaman, Phosphate Hill, Cheyenne and Moranbah.

Significant earnings growth potential - Customer focussed



# Questions & Answers





## **Appendix**

Commodity	1H21 Realised Price US\$/mt	Q3 Realised Price US\$/mt	Benchmark Spot Price US\$/mt
Ammonia	256	442	625 <sup>(1)</sup>
DAP	426	542	568 <sup>(2)</sup>
Urea	296	355	486 <sup>(3)</sup>

(1) CFR Tampa for August 2021 settlements. (2) China DAP as at 23 July 2021 (3) FOB Middle East as at 23 July 2021.