



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V

Once completed, please submit this form either via email to info-der@dwer.wa.gov.au, or to the below postal address:

Department of Water and Environmental Regulation
Locked Bag 33 Cloisters Square
PERTH WA 6850

Section A – Licence Details			
Licence number:	L9223/2019/1	Licence file number:	DER2019/000564
Licence holder:	Yara Pilbara Nitrates Pty Ltd		
Trading as:			
ACN:	127 391 442		
Registered address:	Level 5, 182 St Georges Terrace PERTH WA 6000		
Reporting period:	01 / 01 / 2024 to 31 /12 / 2024		

Section B – Statement of Compliance with Licence Conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none">• section C;• section D if required; and• sign the declaration in Section F.
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none">• section C;• section D if required;• section E; and• sign the declaration at Section F.

Section C – Statement of Actual Production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Production Quantity
31: chemical manufacturing	280,329 T Technical Ammonia Nitrate

Section D – Statement of Actual Part 2 Waste Discharge Quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed Premises Category	Actual Part 2 Waste Discharge Quantity
NA	NA

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the Licence holder was non-compliant at a time during the reporting period.			
Condition no:	3	Date(s) of non-compliance:	24/06/2024, 05:00 & 07:00
Details of non-compliance:			
Emissions from the Unit 12 (U12) Nitric Acid Plant (NAP) Stack (A2) exceeded the licence limit: <ul style="list-style-type: none"> • 24 June 2024 <ul style="list-style-type: none"> ○ NO_x (as NO₂) - 134.57 mg/m³ at 5am ○ NO_x (as NO₂) - 149.28 mg/m³ at 7am 			
What was the actual (or suspected) environmental impact of the non-compliance? NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No environmental impact. Short duration of elevated Nitrogen Oxide emissions.			
Cause (or suspected cause) of non-compliance:			
On the 24 June 2024 during start-up YPN noted elevated nitrogen oxide emissions. The unexpected release of these emissions prompted the investigation into the source. It was found that a bypass valve had been left open. The valve was difficult to move and incorrectly assumed to be closed. Two exceedances occurred during the duration the valve was left open at 5AM and 7AM. Measures have been taken to ensure the bypass is not left open for future start-ups.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<ul style="list-style-type: none"> • Training provided on identifying critical valves and managing emissions during Nitric Acid Plant start-ups • Regular internal audits of the start-up and shut-down procedures to ensure compliance with updated SOPs and identify areas for further improvement • Checklists that operators must complete during start-up and shut-down, ensuring that all critical steps, including valve position verification, are checked off and signed by responsible personnel. 			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> No			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 27/06/2024	

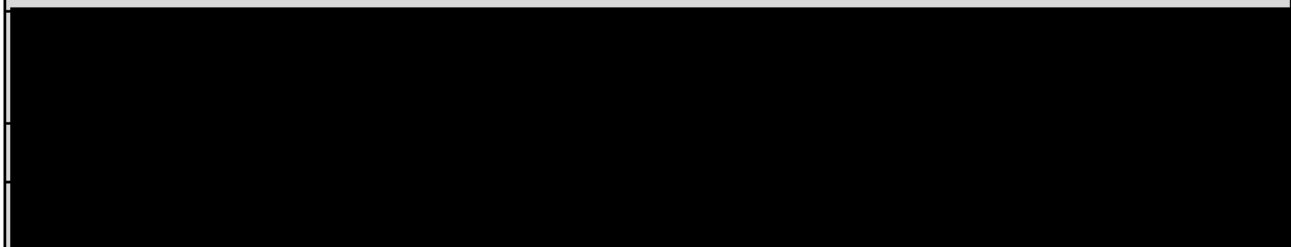
Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the Licence holder was non-compliant at a time during the reporting period.			
Condition no:	3	Date(s) of non-compliance:	24/07/2024
Details of non-compliance:			
Emissions from the Unit 31/32 (U31/32) Common Stack (A2) exceeded the licence limit: <ul style="list-style-type: none"> • 24 July 2024 <ul style="list-style-type: none"> ○ NH₃ - 14 mg/m³ 			
What was the actual (or suspected) environmental impact of the non-compliance? NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No environmental impact. Issue rectified (26 July), Drager tube testing indicated reduced ammonia emissions 3 - 3.5ppm.			
Cause (or suspected cause) of non-compliance:			
On the 24 July 2024 it was identified that 32-GB-013, which is responsible for scrubbing process vapours before they exit through the common stack, was unable to operate optimally due to flow restrictions in the pigtail. This restriction caused flow to drop to 3.5 amps, below Standard Operating Conditions and in turn increased ammonia emissions.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<ul style="list-style-type: none"> • Regular Inspection and Maintenance • Flow Monitoring and Alarms • Process Optimisation 			
Was this non-compliance previously reported to DWER?			
<input type="checkbox"/> No			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 13/08/2024	

Section E – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the Licence holder was non-compliant at a time during the reporting period.			
Condition no:	11	Date(s) of non-compliance:	21/09/2024 - ongoing
Details of non-compliance:			
Gas detector GD67 (AA6) positioned between Ponds 4 & 5 returning erroneous readings since 21 September 2024.			
What was the actual (or suspected) environmental impact of the non-compliance? NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
No environmental impact. Other measures are in place to monitor ammonia emissions.			
Cause (or suspected cause) of non-compliance:			
Gas detector failed and is beyond repair. New unit on order and to be installed once received onsite.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<ul style="list-style-type: none"> • Regular Inspection and Maintenance • Ammonia emissions/leaks monitored by other gas detector onsite • Stack emissions 			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> No			
<input type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally	Date: / /		
<input type="checkbox"/> Reported to DWER in writing	Date: / /		

Section F – Declaration

I / We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular¹.

I / We consent to the Annual Audit Compliance Report being published on the Department of Water and Environmental Regulation’s (DWER) website.



Date:	28/03/2025	Date:	
Seal (if signing under seal):			

¹ It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

² AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.