



Yara Pilbara Nitrates

2021 Annual Compliance Report

EPBC 2008/4546

Technical Ammonium Nitrate Plant

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Document Approver	Plant Manager

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Technical Ammonium Nitrate Plant

05-10-2021 650-200-ACR-YPN-0009 Rev 0

Declaration of Accuracy

Yara Pilbara Nitrates Pty Ltd (YPN) is pleased to submit this Annual Compliance Report as per Condition 3 of the EPBC 2008/4546 Approval Decision (dated 14 September 2011) and Condition 3 of the directed variation (dated 12 September 2017) requiring reporting to 30 June to be submitted by 6 October each year.

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct in every particular. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed

pp 

TY HIBBERD
HQQ MANAGER

Full Name

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Plant Manager

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Date

..30/09/21.....

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1 Introduction

1.1 Purpose

The purpose of this Annual Compliance Report (ACR) is to assess compliance with all conditions of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) approval decision, issued 14 September 2011 for the Yara Pilbara Nitrates Pty Ltd (YPN) Technical Ammonium Nitrate (TAN) production facility (TAN Plant), located on Lot 3017 within the Burrup Strategic Industrial Area on the Burrup Peninsula, Western Australia (EPBC 2008/4546).

EPBC 2008/4546 Conditions have been varied by four (4) separate variations, issued in accordance with Section 143 of the EPBC Act:

- Variation to Conditions 8(d), 10 and 11, dated 18 December 2013;
- Variation to Condition 10(c)iv, dated 10 February 2014;
- Directed variation to Condition 3, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 (delete), substitute with Conditions 3, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 and add Conditions 3A, 7 A, 9A, 9B, 10A, 11 A and 11 B, dated 12 September 2017; and
- Variation to Condition 9 and 9A, dated 24 March 2020.

Condition 3(a) of the revised approval issued on 12 September 2017 states:

By 6 October each year, the person taking the action must:

- i. Publish a report on their website addressing compliance with each of the conditions of this approval (for the reporting period 1 July of the previous year to 30 June of the reporting year), including implementation of any management plans and monitoring programs as specified in the conditions including an analysis of monitoring data required under condition 9A and 10A that has been collected during the reporting period; and*
- ii. Provide documentary evidence providing proof of the date of publication to the Department.*

In accordance with revised Condition 3 this 2021 ACR addresses the 12-month period 1 July 2020 to 30 June 2021 and is to be published on YPN's website by 6 October 2021.

Preparation of the ACR has been guided by the Annual Compliance Report Guidelines (Commonwealth of Australia, 2014).

1.2 Project Details

The TAN Plant has a production capacity of 350,000 tonnes per annum (TPA) or 915 tonnes per day (TPD) of TAN. The TAN Plant comprises three major process units, each producing a separate product in the manufacturing process:

1. Nitric Acid plant to convert ammonia and atmospheric air into Nitric Acid (NA). The NA plant has a capacity of 760 TPD as 100% weight. The main feedstock, ammonia, shall be delivered from the adjacent ammonia plant.
2. Ammonium Nitrate (AN) Solution plant to convert ammonia and NA into AN solution. This AN wet section has a capacity of 965 TPD in balance with nitric acid production capacity.



3. TAN plant to convert AN solution into TAN prill (final product). This is a dry section for production of TAN prill (0.7 and 0.8 kg/m³ density) with a capacity of 915 TPD. Surplus AN solution shall be sold as liquid.

The TAN Plant also has storage, loading and transport facilities, including an incoming liquid ammonia pipeline, bulk and bagged TAN storage, bulk loading system, bagging unit and truck loading.

The project is adjacent to the Yara Pilbara Fertiliser plant operated by Yara Pilbara Fertilisers Pty Ltd (YPF), which is the source of the liquid ammonia.

1.3 ACR Public Availability

This 2021 ACR is to be placed on the YPN website for the life of the Project. At the time of publication this 2021 ACR is available at:

<https://www.yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/>

A URL link to the uploaded report will be sent to the DAWE Compliance and Enforcement Branch through its post.approvals@environment.gov.au email address.



2 Current Status

During the reporting period (1st of July 2020- 30th of June 2021) the Nitric Acid plant operated between the 1st - 22nd of July 2020, 28th of July to the 12th of September 2020, 27th of September to the 27th of January 2021, 5th of February to the 13th of March 2021, 24th of March to the 1st of June 2021 and the 13th- 30th of June 2021 (end of the reporting period). The AN solution and Prill plant (U31/32) operated for a similar timeframe.

The total amount of TAN produced during the 2020-21 financial year was 235,927 tonnes.

YPN was issued an Environmental Operating Licence on the 20th of April 2020 (Licence No. L9223/2019/1 issued under Part V). Of relevance to EPBC 2008/4546 is the conditions regarding limits on emissions to air. Environmental monitoring and reporting occurred during the operational period of the TAN Plant.

As previously mentioned in the 2018 EPBC ACR, the 2018 Rock Art Monitoring Analysis Report (as per Condition 10A) is currently under review by DAWE (formerly DoEE), Compliance and Heritage Branch. Rock art monitoring was also undertaken in 2019 and in 2020. Yara is currently waiting for advice from DAWE regarding the required methodology before issuing the reports. Publication of these reports will occur (to Yara website) once approval has been given.



3 Compliance

3.1 Statement of Compliance

The results of the assessment of compliance with EPBC 2008/4546 approval conditions are shown in Table 1.

A total of 15 conditions, comprising of 50 sub-conditions were assessed. The assessment found the following:

- 1 sub-condition was found to be 'non-compliant';
- 27 sub-conditions were found to be 'compliant';
- 22 sub-conditions were found to be 'not applicable'.

If a condition falls outside of the scope of the current reporting period (1st July 2020 to the 30th of June 2021) it is considered Not Applicable (N/A). A sub category is also provided in Table 1 to indicate status, i.e. "complete", "not required", "compliant", "in process" (when waiting for a response from the department), "historical non-compliance" or "N/A - refer below", when the condition is an objective.

As reported in the 2017 ACR Addendum YPN identified some gaps in evidence, specifically with reference to historic correspondence between YPN and various regulators that have been cited as evidence in previous ACRs. In these cases where YPN did not have the original or a copy of the evidence, but reference to the evidence has been previously made, the evidence was flagged as "not sighted". For this 2021 ACR, where relevant, reference is made to the 2017 ACR Addendum for these historical items and, if appropriate, noted as "complete" (i.e. Compliant - "complete").

In assessing compliance, the following definitions have been used:

Designations	Definition
Compliant	'Compliance' is achieved when all the requirements of a condition have been met, including the implementation of management plans or other measures required by those conditions.
Non-compliant	A designation of 'non-compliant' is given where the requirements of a condition or elements of a condition, including the implementation of management plans and other measures, have not been met.
Not applicable (N/A)	A designation of 'not applicable' is given where the requirements of a condition or elements of a <u>condition fall outside of the scope of the current reporting period</u> . For example, a condition which applies to an activity that has not yet commenced.



3.2 EPBC2008/4546 Compliance Table

Table 1 EPBC2008/4546 Compliance Table

Condition Number	Condition	Is the Project compliant with this condition?	Evidence / Comments
1	Within 30 days after the commencement of the action, the person taking the action must advise the Department in writing of the actual date of commencement.	N/A - "complete"	Refer to 2017 ACR, letter sent to SEWPaC on the 17 th of February 2013. YPN sought Department agreement that this condition can be considered 'complete' in 2018 EPBC ACR.
2	The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the plan(s) and program(s) required by this approval, and make them available upon request to the Department. Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Act or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.	Compliant	Refer to all other items in this table. Refer to attachments provided. Further documentation is available upon request by DAWE.
3(a)	By 6 October each year, the person taking the action must: <ul style="list-style-type: none"> i. Publish a report on their website addressing compliance with each of the conditions of this approval (for the reporting period 1 July of the previous year to 30 June of the reporting year), including implementation of any management plans and monitoring programs as specified in the conditions, including an analysis of monitoring data required under Condition 9A and 10A that has been collected during the reporting period; and ii. Provide documentary evidence providing proof of the date of publication to the Department. 	Compliant - "in process"	The 2020 EPBC ACR was published on the YPN website on 6 th October 2020, with the Department notified on that date (Attachment 3a (1) and Attachment 3a (2)). The supporting Air Quality Analysis Report (as per Condition 9A) for the 2020 ACR was completed and published to the YPN website on the 2 nd of October 2020 (Attachment 3a (2)). As mentioned in previous EPBC ACR's, the 2018 draft Rock Art Monitoring Analysis Report (as per Condition 10A) is under review by DAWE's Compliance and Heritage Branch. Rock art monitoring was also undertaken in 2020 (during this ACR's reporting period) between the 19 th and 24 th of October 2020. Yara is currently waiting for advice from DAWE regarding the required methodology before issuing the 2020 report. Once the necessary advice has been provided by DAWE the reports will be published within 30 days on Yara Pilbara's webpage https://www.yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/ As approval is pending YPN seeks Department agreement that this condition can be considered Compliant - "in process."
3(b)	Reports required under Condition 3a) must remain published for the life of the approval unless otherwise advised by the Minister in writing.	Compliant	All previous EPBC 2008/4546 ACR's are available on the YPN website: https://www.yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/ (Attachment 3b).
3A	The person taking the action must advise the Department of a potential or actual non-compliance with these conditions in writing within 7 days of becoming aware of the potential or actual non-compliance.	Compliant	The Department was notified on the 31 st of March and 14 th of April 2021 of non-compliances with Condition 9B a) of EPBC Approval 2008/4546 (Attachment 3A (1) and Attachment 3A (2)).
4	The person taking the action must ensure that wastewater from the facility meets the requirements set out in Statement 594 for discharges into the Multi User Brine Return Line (MUBRL).	Compliant	Please note Statement 594 applies to its proponent, Water Corporation, and addresses multiple users in the Burrup area (not only YPN). YPN discharges wastewater to its neighboring facility YPF. YPF's Environmental Operating Licence (L9224/2019/1 issued under Environmental Protection Act 1986 (EP Act) Part V) reflects the discharge requirements for Statement 594. During the reporting period (1 st July 2020 to the 30 th June 2021) there was no licence limit exceedances for discharge to the MUBRL. Attachment 4 shows laboratory analysis results and continuous data for YPN's discharge during the reporting period.
5	To ensure the protection of listed threatened species and listed migratory species, the person taking the action must only apply larvicide or adulticide within or outside the project area (as	Compliant	No mosquito larvicide or adulticide has been applied within the TAN Plant site during the reporting period (confirmed 3 rd September 2021 with Site Services).



	shown in Attachment 1) that is an Approved Class 11 insecticide, unless agreed to in writing by the Minister.		
6	To ensure the protection of listed threatened species and listed migratory species, the person taking the action must:	N/A - refer below	Condition objective, sub-conditions refer below.
6(a)	Employ such structures and apparatus as are necessary and agreed by the Western Australian Government to deter birds from entering the contaminated water pond, clean water pond, and sewage wastewater treatment station evaporation pond, as per Statement 870.	Compliant	DPaW (now DBCA) confirmed the bird deterrence systems used on site is acceptable on the 25 th June 2015 (Attachment 6a). Bird deterrent wires have been installed over contaminated water ponds, clean water ponds, and sewage wastewater treatment evaporation pond (refer to Attachment 6b).
6(b)	Ensure these structures and apparatus are in place prior to commissioning and are maintained for the life of the approval.	Compliant	All ponds during the reporting period had bird deterrent wires in place at approximate 5m spacings as per configuration agreed with DBCA. Refer to Attachment 6(b) for current photos of deterrents (July and September 2021) and Environmental Inspection Checklist (Question 12).
7	To ensure the protection of the listed threatened species; listed migratory species and the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, the person taking the action must submit to the Department the management plans mentioned below:	N/A - refer below	Condition objective, sub-conditions refer below.
7(a)	Construction Environmental Management Plan (CEMP), which must be submitted to the Department at least two (2) months prior to construction and must include, but not be limited to, management measures for the following: <ul style="list-style-type: none"> • Air Quality and Dust; • Water Quality; • Erosion Control and Storm Water; • Waste; • Traffic; and • Blasting (if required). 	N/A - "complete"	Refer to the 2017 ACR Addendum, CEMP sent to SEWPaC on the 22 September 2012 and approved on 22 November 2012. YPN sought Department agreement that this condition can be considered 'complete' in 2018 EPBC ACR.
7(b)	Operational Environmental Management Plan (OEMP), must be submitted to the Department at least two (2) months prior to operation and must include, but not be limited to, management measures for the following: <ul style="list-style-type: none"> • Erosion Control and Storm Water; • Water Quality; • Air Quality and Dust; • Waste; • Traffic; and • Blasting (if required). 	N/A - "complete"	As reported in the 2017 ACR Addendum the revised Operational Environmental Management Plan (650-200-PLN-YPN-0001) (OEMP) and revised Emergency Response Management Plan were submitted to the Department for review in December 2016 (approximately 9 months prior to operations commencing – refer to Condition 7[c]). An amended Operational Environmental Management Plan (OEMP) (including Hazardous Materials Management Plan and Aboriginal Heritage Management Plan prepared to address relevant parts of Condition 7[d]) was submitted to the Department for review and approval on 14 September 2017, approval of the OEMP was received on 15 September 2017. YPN sought Department agreement in 2018 EPBC ACR that this condition can be considered 'complete' as current and future plan revisions are addressed under Conditions 12 and 13.
7(c)	Operations must not commence unless the OEMP is approved by the Minister.	N/A - "complete"	The OEMP was approved on 15 September 2017 with operations commencing the same day (Attachment 7c). YPN seeks Department agreement that this condition can be considered 'complete'.
7(d)	Additional management plans covering both construction and operations, must be submitted to the Department at least two (2) months prior to construction, including: <ul style="list-style-type: none"> • Aboriginal Heritage Management Plan; • Hazardous Materials Management Plan; and 	N/A - "complete"	Refer to 2017 ACR Addendum confirmed the approval status of the original Aboriginal Heritage Management Plan (AHMP), approved by SEWPaC on 24 October 2012. The OEMP update included updates to the AHMP and Hazardous Materials Management Plan (HMMP).



	<ul style="list-style-type: none"> Emergency Response Management Plan. 		<p>Emergency response is the subject of a separate plan (YPN code 250-500-PLN-000-0003). The original Emergency Response Management Plan (ERMP) was approved in 2012. A revised plan was submitted to the Department in December 2016, with the OEMP (refer to Condition 7[b]).</p> <p>YPN sought Department agreement in 2018 EPBC ACR that this condition can be considered 'complete' as current and future plan revisions are addressed under Conditions 12 and 13.</p>
7(e)	Once approved by the Minister, all plans required under Condition 7 must be implemented.	Compliant	<p>Refer to Condition 7(b) and 7(d) regarding plan approval and conditions.</p> <p>All plans referred to in Condition 7 were assessed for implementation status for this audit.</p> <p>Due to the fact that YPN's OEMP is currently under review an independent audit (as per section 12.1.1. of the OEMP) was not completed during the reporting period. An independent audit will occur once the OEMP is finalised. An internal audit was conducted for the reporting period and the following was found:</p> <p>2 commitments were identified as non-conformant within YPN's OEMP.</p> <ul style="list-style-type: none"> Hazardous materials which are non-stock items received in the warehouse are not checked against Yara Pilbara's system; and Process exhaust gas streams did not meet emission performance criteria. Refer to Condition 9B(a) for reported non-compliances. <p>As the majority of actions were assessed as conformant, the OEMP is assessed as satisfactorily implemented. Actions have been raised to correct the non-conformances.</p> <p>Recently the Emergency Management Plan (EMP) (previously known as the Emergency Response Management Plan 250-500-PLN-000-0003) was updated. On the 1st of February 2021 the revised EMP was submitted to DAWE. At the time of submission (confirmed 6th of September 2021) all actions within the EMP were assessed as conformant. As such the EMP (previously ERMP) is assessed as satisfactorily implemented.</p>
7A	The management plans required under Conditions 7 and 11A must not contain management actions that are inconsistent with these approval conditions or the National Heritage management principles.	Compliant	<p>Refer to Conditions 7 and 11A. Review of the plans by the Department and subsequent approval of plans by the Minister implies consistency with approval conditions and National Heritage (NH) management principles. Furthermore, this assessment has not readily identified any management plan actions that are inconsistent with the seven principles, summarised below for reference.</p> <ol style="list-style-type: none"> Identify, protect, conserve, present and transmit, to all generations, NH values. Use best available knowledge, skills and standards; include ongoing technical and community input to decisions and actions that may have a significant impact on their NH values. Respect all heritage values and seek to integrate government responsibilities. Ensure that NH place use and presentation is consistent with the conservation of their NH values. Make timely and appropriate provisions for community involvement, especially by people who: a) have a particular interest in, or associations with, the place; and b) may be affected by the management of the place. Active participation of Indigenous people in identification, assessment and management is integral to the effective protection of Indigenous heritage values. Provide for regular monitoring, review and reporting on the conservation of NH values.
8	To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must ensure that:	N/A - refer below	Condition objective, sub-conditions refer below.
8(a)	There is no unauthorised access by employees or contractors of the person taking the action to the Dampier Archipelago (including Burrup Peninsula) National Heritage Place outside of the project area (shown in Attachment 1) while those employees or contractors are undertaking work duties.	Compliant	YPN maintains a system to authorise access (for monitoring) including access forms and a register (Attachment 8a).



			No signs of unauthorised access have been observed in the National Heritage (NH) area around the site. No incidents regarding unauthorised access have been identified.
8(b)	Chain mesh fencing of at least 2.5 metres in height is installed around the perimeter of the project site prior to construction.	Compliant	Chain mesh fencing of at least 2.5 metres in height is installed around the perimeter of the project site. The fence was installed prior to construction and is checked twice daily by security. Refer to Attachment-Site Photos.
8(c)	Signs of at least 1m ² in size are attached to fencing at the entrance to the project site and at no less than 50 metre intervals along the fence. These signs must clearly indicate the requirements of Condition 8(a).	Compliant	The required signage is attached to fencing at the entrance to the project site. Due to the 2.5 m high security fencing completely surrounding the rest of the project site, fully restricting access to the National Heritage area, the existing signage at the entrance in combination with the high security fence is sufficient and together are measures which effectively 'go beyond compliance' with respect to the intention of this condition. Consequently, YPN asserts it is compliant with this requirement. YPN seeks agreement from the Department regarding this assertion and, if necessary to avoid future doubt, will request the condition be amended accordingly (i.e. to signage at entrance only, in combination with the high security fence on the perimeter of the remainder of the project site). Refer to Attachment- Site Photos. It was identified at the western perimeter emergency exit (north side) and the north western pedestrian gate that the signs had become loose and required reattachment. A notification was raised to completed this work and the signs were reattached on the 9 th September 2021 (updated photos included in Attachment- Site Photos).
8(d)	The relevant supervisor of the person taking the action must record the names of all those required to access areas containing rock art sites inside the Dampier Archipelago (including Burrup Peninsula) National Heritage Place boundary and is able to provide these records if asked to do so by the Department.	Compliant	Refer to Condition 8(a) - YPN maintains a NH register, which records the names of all those required to access areas containing rock art sites inside the NH area.
8(e)	Any impact the action has on the heritage values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place must be reported to the Department in writing within 72 hours. Impacts may include (but will not necessarily be limited to) any impacts caused by construction activity; vandalism perpetrated by personnel involved in plant construction or operations; spillage of potentially corrosive materials into the Dampier Archipelago (including Burrup Peninsula) National Heritage Place; impacts from blasting activity.	Compliant	No impact on heritage values has been identified in the audit period.
9	To protect the National Heritage Place, particularly the rock art sites, the person taking the action must undertake an air quality monitoring program. The air quality monitoring program must:	N/A - refer below	Condition objective, sub-conditions refer below.
9(a)	Undertake air quality monitoring at three (3) sites as shown in Attachment 2. These sites being sites previously selected, designed, fenced off and used in the original Western Australian Department of Environment and Conservation (WA DEC)/CSIRO air quality monitoring program. <ul style="list-style-type: none">• Site 5 - Burrup Road site;• Site 6 - Water tanks site; and• Site 7 – Hearson Cove Road site. The air quality monitoring must be undertaken for a period of not less than 24 months beginning from the commencement of construction. The results of this monitoring will be used to establish <u>baseline data</u> on levels of:	N/A - "complete"	As described in the 2017 ACR Addendum, YPN carried out this (baseline) air quality monitoring program at the indicated off-site locations. However, construction commenced in February 2013 and monitoring commenced in late Q3/early Q4 2013, which was assessed as a non-compliance. With the non-compliance being historic (related to timing, linked to commencement of construction), this timing element of the requirement could not be remedied. The program was otherwise implemented and completed as required by the Condition. Continuation of the air quality monitoring program after the completion of the baseline program required by this Condition is addressed by Condition 9A, below.



	<ul style="list-style-type: none"> • Ammonia (NH₃); • Nitrogen Oxides (NO_x); • Sulphur Oxides (SO_x); and • Total suspended particulates (TSP), including dust at those rock art sites. 		As the baseline program has been completed and continuing monitoring is addressed by Condition 9A, YPN sought the agreement of the Department in the 2018 EPBC ACR that this condition can now be considered 'complete'.
9(b)	Ensure that the monitoring of air quality at rock art sites is undertaken by a suitably qualified person (Air Quality).	N/A - "complete"	As described in the 2017 ACR Addendum, the review of the ambient air quality monitoring program and preparation of the baseline monitoring report was undertaken by Dr Peter Forster, Strategen- JBS&G (formerly known as Strategen Environmental Consultants Pty Ltd) air quality specialist. Peter has over 25 years' experience in air quality assessments, including monitoring of gaseous, semi-volatile and particulate pollutants. Refer to Condition 9(a) above – this condition could be considered 'complete', on the agreement of the Department.
9(c)	Ensure air quality readings during the twenty four (24) months of baseline monitoring are taken at least four (4) times in every 12 months.	N/A - "complete"	As described in the 2017 ACR Addendum: <ul style="list-style-type: none"> • NH₃, NO₂ and SO₂ samples were collected for >24 months and at least once in each quarter for each year. • Dust deposition samples were collected for >24 months and at least once in each quarter for each year. • TSP samples were collected for >24 months and at least once in each quarter for each year, from the Water Tanks site only. • A baseline TSP data set was developed from TAN plant boundary monitoring of PM10 for application to all three sites. Those data were collected for >24 months and at least once in each quarter for each year. Refer to Condition 9(a) above – this condition could be considered 'complete', on the agreement of the Department.
9A	To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must ensure:	N/A - refer below	Condition objective, sub-conditions refer below.
9A(a)	Ongoing air quality monitoring is undertaken within 30 days after this condition comes into effect (the date the relevant variation to conditions notice is signed), and until expiry of the approval.	Compliant	Air quality monitoring has continued at sites 5, 6 and 7, with the first monitoring after Condition 9A came into effect (on 12 September 2017) commencing on 14 September 2017. Air Quality monitoring reports are available on the YPN website: https://www.yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/ and a screenshot of the website can be seen within Attachment 9A(a).
9A(b)	Air quality monitoring parameters are monitored at the rock art sites: Site 5 (Burrup Road), Site 6 (Water tanks site) and Site 7 (Hearson Cove Road site) as shown in Attachment 2.	Compliant	This Condition is consistent with the previous, baseline, monitoring locations. Air quality monitoring has continued at sites 5, 6 and 7 as required (refer to the YPN website as provided in Condition 9A[a]). On the 24 th of March 2020 approval was granted to relocated Site 7 (Deep Gorge) to accommodate the development of a board walk at the heritage site Ngajarli (formerly known as Deep Gorge) by Murujuga Aboriginal Corporation (MAC). The approval letter, new conditions and the location of Site 7 can be seen within Attachment 9A(b). On the 8 th of April 2020 Site 7- Deep Gorge was relocated to Site 7- Hearson Cove Road site. From this date onward reported results are from this location.
9A(c)	Monitoring of air quality at rock art sites is undertaken by a suitably qualified person (Air Quality). The air quality monitoring parameters in the table below must be monitored at the frequencies indicated in the table below.	Compliant	Refer to Condition 9(b), the continuing ambient air quality monitoring program continues to be overseen by Strategen-JBS&G (formerly Strategen Environmental Consultants Pty Ltd), with the support of YPN Environmental personnel. Within the audit period, ambient air concentrations of NH ₃ , NO ₂ and SO ₂ have been monitored continuously from the 1 st July 2020 (Radiellos deployed 30 th of June) to the 30 th June 2021 (refer to reports on Yara website as provided in Condition 9A[a] for data which has been received to date). The



	Element of air quality to be monitored	Specific air quality parameter to be sampled	Minimum frequency of monitoring		
	Ambient air concentration of gases	NH ₃ (ammonia) NO ₂ (nitrogen oxide) SO ₂ (sulphur oxide)	Continuous monitoring for at least 14 consecutive days, every month		only exception to the continuous monitoring occurring between the 29 th of January to the 1 st /2 nd of February 2021. This was due to a potential cyclone on the weekend of the 30/31 st of Jan. Only one other issue with Condition 9A(c) was identified during the reporting period. On the 31 st of March 2021 the Radiellos were retrieved after 13 day of deployment rather than 14. This was due to conflicting monitoring requirements and limited staff numbers. As these event were outside of YPN's control and monitoring was performed for the rest of the reporting period the condition is deemed to have been met. Within the audit period, TSP monitoring occurred every six days from the 2 nd July 2020 to the 27 th June 2021 (refer to reports on Yara website as provided in Condition 9A[a]). Within the audit period, collection of dust deposition (insoluble and soluble fractions) data occurred every month from the 1 st July 2020 (deployed the 30 th of June) to the 30 th of June 2021 (refer to reports on Yara website as provided in Condition 9A[a]). This is more than what is required within the condition and as such it is deemed that the condition has been met. Refer to Condition 9 A(a) for link to website for published results. Please note the correct names for NO ₂ and SO ₂ are nitrogen dioxide and sulphur dioxide, respectively; i.e. 'oxide' is a typographical error within the approval document.
	Airborne particulate concentration	Total suspended particulates up to 50 µm (TSP)	Every 6 days		
	Deposited dust	Total dust deposition per month (Insoluble Fraction) Total dust deposition per month (Soluble Fraction)	Quarterly		
9B	To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites:			N/A - refer below	Condition objective, sub-conditions refer below.
9B(a)	Emissions of air pollutants during operations must not exceed the limits described in a Licence under Part V of the <i>Environmental Protection Act 1986</i> issued by the Western Australian Government.			Non-compliant	<p>YPN's Licence (L9223/2019/1) stipulates quarterly (Common Stack) and continuous (Nitric Acid Stack (CEMS)) monitoring. This includes (point source) discharge air quality limits (i.e. no ambient air quality limits), as follows:</p> <ul style="list-style-type: none"> • Common stack: <ul style="list-style-type: none"> ○ PM – 15 mg/m³ ○ NH₃ at – 10 mg/m³ • Nitric Acid plant stack: <ul style="list-style-type: none"> ○ NO_x (as NO₂) – 103 mg/m³ ○ NH₃ – 0.75 mg/m³ ○ N₂O – 196 mg/m³ • Nitric Acid plant stack during start-up (2 hour maximum period): <ul style="list-style-type: none"> ○ NO_x (as NO₂) – 1,540 mg/m³ ○ NH₃ – 11.5 mg/m³ <p>There were a total of six (6) exceedances of licence limits from 3 events during the reporting period Attachment 9B(a) and 3A.</p> <p>On Wednesday 24th March 2021 there was an exceedance of the Nitric Acid Plant Stack NO_x and NH₃ limit. The hourly average for NO_x was recorded as 224 mg/m³ at 5AM and the hourly average for NH₃ was recorded as 1.03 mg/m³ at 9AM and 0.79 mg/m³ at 12PM.</p> <p>On Monday 29th March 2021 there was an exceedance of the Nitric Acid Plant Stack NH₃ limit. The hourly average for NH₃ was recorded as 0.76 mg/m³ at 7PM.</p> <p>On Friday 9th April 2021 there was an exceedance of the Nitric Acid Plant Stack NO_x limit. The hourly average for NO_x was recorded as 182 mg/m³ at 7AM and 149 mg/m³ at 8AM.</p> <p>Further details of the cause of these exceedances have been provided to the DAWE. All exceedances are in relation to the failure or malfunction of equipment.</p>



9B(b)	If a reporting requirement is triggered for air emissions in the conditions of the Licence issued by the Western Australian Government under Part V of the <i>Environmental Protection Act 1986</i> , the person taking the action must also report to the Department in writing within the same timeframe as reporting is required to be provided to the Western Australian Government.	Compliant	Refer to Condition 9B(a)– exceedances were reported to the DAWE on the 31 st of March for the 24 th and 29 th of March exceedances and on the 14 th of April for the 9 th of April 2021 exceedances. All within seven (7) days of becoming aware of the non-compliance.
10	To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must participate in monitoring the rock art by:	N/A - refer below	Condition objective, sub-conditions refer below.
10(a)	Contributing a pro-rata amount annually (in line with that currently utilised by the Western Australian Department of Water and Environmental Regulation, but not exceeding \$15,000/year) for a period of not less than two (2) years from the beginning of construction to the Burrup Rock Art Monitoring Program, which is an independent scientific program of monitoring, to detect any changes in patination, including any discolouration, of the surface of the rock art or the surrounding rock surface.	N/A - "complete"	As discussed in the 2017 ACR Addendum, both the Burrup Rock Art Technical Working Group (BRATWG) and the DWER-managed rock art monitoring program were not active during the previous reporting period and as such, YPN were not able to financially contribute through BRATWG to the DWER-managed rock art monitoring program. Previously YPN had financially contributed, with the first payment being made in 2011. The WA Burrup Rock Art Monitoring Program expired in June 2016. Also, as discussed in the 2017 ACR Addendum, following monitoring in 2015 and 2016, a report was published by DWER on the BRATWG website in September 2017. As: <ul style="list-style-type: none"> the timing element of the condition ('for a period of not less than two [2] years from the beginning of construction' i.e. the minimum date for completion of this condition was 13 February 2015); and due to the inclusion of Condition 10A, which addresses ongoing - current and future - rock art monitoring. YPN sought the agreement of the Department in the 2018 EPBC ACR that this condition can now be considered in effect no longer applicable and does not require further assessment.
10(b)	Revoked – on-going rock art monitoring is now in Condition 10A.	N/A	Not applicable.
10(c)	In addition to the above Condition 10(a) requirements, the person taking the action must provide for additional monitoring of rock art sites in a manner that is consistent with the Burrup Rock Art Monitoring Program. The monitoring of additional rock art sites must meet the following requirements:	N/A - "complete"	Refer to sub-condition 10(c)(iv) and new Condition 10A below. Sub-condition 10(c)(iv) timing is framed from the date of commencement of construction, with the monitoring to occur for at least two years until 13 June 2016. Condition 10A requires ongoing annual monitoring with the first event completed by 31 December 2017. As: <ul style="list-style-type: none"> previous ACRs have reported on the status of this condition; the timeframe for completion of sub-condition 10(c)(iv); and the capacity of Condition 10A to address ongoing -current and future – monitoring. YPN sought the agreement of the Department in the 2018 EPBC ACR that this condition be considered in effect no longer applicable and does not require further ongoing assessment.
10(c)(i)	Engage a heritage monitor or other suitably qualified person (Heritage) to survey rock art sites within a two (2) kilometre radius of the project site, to provide advice on any changes to the appearance, or cultural value, of rock art sites within the examined area.	N/A - "complete"	Refer to Condition 10(c) above – this condition could be considered no longer applicable, on the agreement of the Department.
10(c)(ii)	The monitoring must be undertaken in a manner that is consistent with and complementary to the monitoring of rock art sites undertaken through the Burrup Rock Art Monitoring Program. If agreed by Department of Water and Environmental Regulation the monitoring of additional rock art sites may be integrated with the Burrup Rock Art Monitoring Program, with the person	N/A - "complete"	Refer to Condition 10(c) above – this condition could be considered no longer applicable, on the agreement of the Department.



	taking the action providing full contribution to the Department of Water and Environmental Regulation for the additional site monitoring.		
10(c)(iii)	Prior to undertaking Condition 10(c) monitoring, provide the Department with written endorsement from a heritage monitor or other suitably qualified person (Heritage) on the suitability of the rock art monitoring proposed under Condition 10(c).	N/A - "complete"	Refer to Condition 10(c) above – this condition could be considered no longer applicable, on the agreement of the Department.
10(c)(iv)	Undertake the Condition 10(c) rock art monitoring at least once annually, where the first rock art monitoring event must be undertaken within 16 months of the commencement of construction, for a period of not less than two (2) years.	N/A - "complete"	Refer to Condition 10(c) above – this condition could be considered no longer applicable, on the agreement of the Department.
10(c)(v)	At least once annually, engage with the Murujuga Aboriginal Corporation in the planning and reporting associated with the annual survey of rock art sites required under Condition 10(c).	N/A - "complete"	Refer to Condition 10(c) above – this condition could be considered no longer applicable, on the agreement of the Department.
10(d)	Revoked – publishing of baseline rock art monitoring is now in Condition 14.	N/A	Not applicable.
10A	To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must ensure that on-going rock art monitoring is undertaken to identify any changes to the appearance, or cultural value, of rock art sites, as per the requirements below:	N/A - refer below	Condition objective, sub-conditions refer below.
10A(a)	On-going rock art monitoring must be undertaken at the same 6 sites as monitored under Condition 10 (or other sites if agreed to in writing by the Minister).	Compliant	Rock art monitoring has continued at the same six sites as monitored under Condition 10, refer to Attachment 10A(a).
10A(b)	The first on-going rock art monitoring event must be complete by no later than 31 December 2017. Subsequent rock art monitoring must be undertaken annually (undertaken between 15 July and 15 September) for the life of the approval.	Compliant	<p>The first on-going rock art monitoring event was completed by the 2nd December 2017 (as referenced in previous EPBC ACR).</p> <p>The 2020 rock art monitoring was performed between the 19th and 24th of October 2020.</p> <p>This was outside of the required date range of Condition 10A(b) due to:</p> <ol style="list-style-type: none"> 1. Yara provided a pro-rata amount to DWER's Murujuga Rock Art Monitoring Program satisfying Condition 10A(d), however due to unforeseen circumstances this program did not commence in 2020; 2. Yara submitted a letter to the Department on the 5th of August 2019 seeking approval to modify the rock art monitoring method. On the 25th of September 2020 we received a letter (Attachment 10A(b)) from the Department indicating the preference that the monitoring methodology remains consistent with the method previously approved pursuant to Condition 10. This delay in guidance impacted Yara's ability to plan; and 3. MAC recruited six (6) new rangers to commence the 14th of September 2020. As the involvement of MAC is critical to the rock art monitoring this situation presented challenges as there was a lack of resource available and no chance of partnership prior to this date. <p>These issues were outside of Yara's control and DAWE indicated their understanding of the reasons why the monitoring occurred at a later date in correspondence that occurred in September 2020.</p> <p>As previously mentioned in the 2020 EPBC ACR Yara is currently waiting for advice from DAWE regarding the required methodology before issuing the rock art reports for 2018, 2019 and 2020.</p> <p>Once advice has been given the reports will be published on Yara Pilbara's webpage: https://www.yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/.</p>
10A(c)	On-going rock art monitoring must be undertaken by a suitably qualified person (Heritage).	Compliant	Rock art monitoring is being led by Warren Fish, who is a Masters Degree-qualified archaeologist and an ex-Registrar of Aboriginal Sites with the WA Government, with well over a decade of experience in Indigenous heritage. Mr Fish is supported by Dr Ian MacLeod, who is a highly respected international academic and scientist, specialising in heritage conservation. Dr MacLeod has been instrumental in the



			various rock art conservation and monitoring campaigns conducted on the Burrup. The Department confirmed on 21 December 2017 that it was satisfied Mr Fish and Dr MacLeod have suitable qualifications and experience to undertake the monitoring under this Condition 10A (Attachment 10A(a)).
10A(d)	On-going rock art monitoring must be undertaken either: <ul style="list-style-type: none"> i. by the person taking the action, using a methodology approved by the Minister in writing; or ii. through provision of an annual pro-rata amount for the Burrup Rock Art Monitoring Program or another program administered by the Western Australian Government Department of Water and Environmental Regulation. 	Compliant	The methodology used in 2020 was approved by the Minister on the 21 st of December 2017 (Attachment 10A(a)). In June & October 2020 and January & March 2021 Yara Pilbara Nitrates provided funding to the Department of Water and Environmental Regulation (DWER) Murujuga Rock Art Monitoring Program. This program is anticipated to kick-off in 2022.
10A(e)	At least once annually, the person taking the action must engage with the Murujuga Aboriginal Corporation in the planning and reporting associated with the on-going annual rock art monitoring.	Compliant	In the period July 2020 to June 2021, YPN continued to work closely with Murujuga Aboriginal Corporation (MAC). Due to COVID-19-related health concerns in the Aboriginal community, the level of direct community engagement continues to be limited in comparison with past years. Specific activities included: <ul style="list-style-type: none"> • Participating in the Murujuga Rock Art Stakeholder Reference Group (MAC CEO is co-chair); • A fourth consecutive year of rock art monitoring in partnership with MAC, including a briefing on findings to date, program design, and future research opportunities; • The publication of the findings of YPN's rock art monitoring program from 2017-2020 at the International Council of Museums Committee for Conservation (ICOM-CC) Triennial Conference held (virtually) in Beijing, with the paper entitled "Determining decay mechanisms on engraved rock art sites using pH, chloride ion and redox measurements with an assessment of the impact of cyclones, sea salt and nitrate ions on acidity" by Ian Donald MACLEOD and Warren FISH. The publication took place subsequent to engagement with MAC members. <p>YPN continues to hold regular (more than once per week) face-to-face discussions with the MAC CEO, Ranger Manager and team, Business and Economic Development Unit, other staff and members regarding any issues or concerns, and provides updates, advice and support. As an indication of the ongoing relationship, YPN's Manager Government & External Relations has had over 500 email communications with MAC in this period.</p> <p>Regular informal engagement in the community, arts and culture sector and in education, particularly in Roebourne, also ensures that YPN connects with members of MAC's five traditional Aboriginal language groups: the Ngarluma, the Mardudhunera, the Yaburara, the Yindjibarndi, and the Wong-Goo-Tt-Oo. This allows informal opportunities to engage, based on trusting and open relationships with the broader Pilbara Aboriginal community.</p>
11	To protect the Dampier Archipelago (including Burrup Peninsula) National Heritage Place the person taking the action must ensure that there is no measurable impact from air pollutants to any rock art sites within 2km of the boundary of the action, at any time during the life of the approval. This includes measurable changes in patination, including but not limited to: discolouration of the surface of the rock art motif or the surrounding rock surface including patina; or changes that make the rock art site more difficult to interpret (for example a decrease in definition).	Compliant	YPN has not been notified of any evidence of any measurable impact from air pollutants to any rock art sites within 2 km of the project site.



11A	If the Minister is not satisfied that the outcome described in Condition 11 is being met, the Minister may request (in writing) that the person taking the action submit a Rock Art Impact Mitigation Review (RAIMR) to the Department for approval by the Minister.	N/A	The Minister has not made any request to YPN with respect to this condition.
11A(a)	The RAIMR must: <ul style="list-style-type: none"> i. Be prepared by a suitably qualified person (Heritage) in consultation with a suitably qualified Person (Air Quality); ii. Be submitted within a timeframe specified by the Minister. iii. Include an analysis of the cause or causes of the detected change in the rock art surface; iv. Include a review of operations, including changes to operations to reduce the impact of air emissions on rock art; and v. Include mitigation and management measures to protect rock art sites within 2km of the boundary of the action from further impacts, to meet the requirements of Condition 11. 	N/A	Refer to Condition 11A above.
11A(b)	If the Minister approves the RAIMR required under this condition, then the approved RAIMR must be implemented.	N/A	Refer to Condition 11A above.
12	If the person taking the action wishes to carry out any activity otherwise than in accordance with the management plan(s) and or monitoring program(s) as specified in the conditions, the person taking the action must submit to the Department for the Minister's written approval a revised version of that management plan(s) and or monitoring program(s). The varied activity shall not commence until the Minister has approved the varied management plan(s) and or monitoring program(s) in writing. The Minister will not approve a varied management plan(s) and or monitoring program(s) unless the revised management plan(s) and or monitoring program(s) would result in an equivalent or improved environmental outcome over time. If the Minister approves the revised management plan(s), and or monitoring program(s) that management plan(s) and or monitoring program(s) must be implemented in place of the management plan(s) and or monitoring program(s) originally approved.	Compliant	On the 1 st of February 2021 the Emergency Management Plan (EMP) (previously known as the Emergency Response Management Plan (250-500-PLN-000-0003)) was updated and submitted. These updates were in response DAWE's review of the EMP revision 25. Rev 26 addresses the changes DAWE requested to be made. It has been suggested by the Department that once approval has been given that Yara should request to vary the Condition of Approval so that administrative changes can occur without seeking the Minister's approval.
13	If the Federal Minister believes that it is necessary or convenient for the better protection of National Heritage Place, listed threatened species and communities and listed migratory species to do so, the Minister may request that the person taking the action make specified revisions to the management plan(s), monitoring program(s) specified in the conditions and submit the revised management plan(s), monitoring program(s) for the Minister's written approval. The person taking the action must comply with any such request. The revised approved management plan(s), monitoring program(s), must be implemented. Unless the Minister has approved the revised management plan(s), monitoring program(s), then the person taking the action must continue to implement the management plan(s), monitoring program(s) originally approved, as specified in the conditions.	N/A	The Minister has made no request during the reporting period.
14	Unless otherwise agreed to in writing by the Minister, the person taking the action must publish on their website, for the life of the approval: <ul style="list-style-type: none"> a) Management plans required under Conditions 7 and 11A, within 1 month of being approved. b) A revised version of any management plans required under Conditions 7 and 11A, within 1 month of being approved under Condition 12 or 13. c) All baseline air quality data collected under Condition 9, by 31 October 2017. d) All ongoing air quality monitoring data required under Condition 9A, within 3 months of collection of each datum. 	Compliant	YPN publishes all management plan(s) and monitoring program(s) on the website, https://www.yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/ as follows: Please note that it could be interpreted that to comply with both sub-conditions 14(a) and 14(b) the original management plans <i>and</i> any revised versions are to stay on the website for the life of the approval. To avoid confusion YPN has interpreted that the revised approved versions replace the originals, which can be removed from the website.



	<p>e) All baseline rock art data or reports relating to Condition 10, within 30 days of any data or reports on being provided to the person taking the action.</p> <p>f) All rock art monitoring data or reports relating to on-going rock art monitoring required under Condition 10A, within 30 days of the data or reports being provided to the person taking the action</p>		<p>a) Condition 7 plans include the CEMP, OEMP, AHMP, HMMP and ERP; Condition 11A refers to the RAIMR. As discussed in Condition 7 above, the OEMP has incorporated the AHMP and HMMP. All plans are available on the YPN website.</p> <p>b) NA (Rev 26 has not yet been approved)</p> <p>c) The Baseline Air Quality Monitoring Report is available on the YPN website.</p> <p>d) All ongoing quality monitoring data are available on the YPN website. Each report was posted within 30-60 days of the data becoming available to YPN.</p> <p>e) All baseline rock art monitoring reports are available on the YPN website. As discussed in the 2017 ACR Addendum, following monitoring in August of both 2015 and 2016 a report was published by DWER on the BRATWG website in September 2017. This report was also published on the YPN website.</p> <p>f) As previously mentioned in the 2018 EPBC ACR, the 2018 Rock Art Monitoring Analysis Report (as per Condition 10A) is currently under review by DAWE (formerly DoEE), Compliance and Heritage Branch. Rock art monitoring was also undertaken in 2019 and 2020. Yara is currently waiting for advice from DAWE regarding the required methodology before issuing the reports.</p> <p>Once the necessary advice has been provided by DAWE the reports will be published within 30 days on Yara Pilbara's webpage.</p>
15	<p>If, at any time after 2 years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence the action without the written agreement of the Minister.</p>	N/A - "complete"	<p>The TAN Plant substantially commenced in 2012, within 2 years of the date of approval.</p> <p>YPN sought Department agreement in 2018 EPBC ACR that this condition can be considered 'complete'.</p>



3.3 Details of Non-Compliance

There were six (6) instances of non-compliance with Condition 9B(a), that occurred as a result of 3 separate events during the reporting period. All of these exceedances were due to equipment failure or malfunction. Details regarding these events have been provided to DAWE.

1. On Wednesday 24th March 2021 there were exceedances of the Nitric Acid Plant Stack NO_x and NH₃ limit. The hourly average for NO_x was recorded as 224 mg/m³ at 5am and the hourly average for NH₃ was recorded as 1.03 mg/m³ at 9am and 0.79 mg/m³ at 12pm.
2. On Monday 29th March 2021 there was an exceedance of the Nitric Acid Plant Stack NH₃ limit. The hourly average for NH₃ was recorded as 0.76 mg/m³ at 7pm.
3. On Friday 9th April 2021 there were exceedances of the Nitric Acid Plant Stack NO_x limit. The hourly average for NO_x was recorded as 182 mg/m³ at 7am and 149 mg/m³ at 8AM.



4 Management Plans

During the reporting period the following management plans were implemented:

- Operational Environmental Management Plan (OEMP) including management measures for:
 - Erosion Control and Storm Water;
 - Water Quality;
 - Air Quality and Dust;
 - Waste; and
 - Traffic.
- Aboriginal Heritage Management Plan (incorporated into OEMP);
- Hazardous Materials Management Plan (incorporated into OEMP); and
- Emergency Management Plan.

On 15 September 2017 the OEMP was approved by the DAWE (formerly DoEE). The OEMP is currently being revised and will be provided to the DAWE for approval once complete.



5 New Environmental Risks

No new environmental risks that were not contemplated in the Project referral and assessment process have been identified in the audit period.



6 Attachments

The following documents are attached to this 2021 ACR as evidence of compliance:

- Attachment 3a (1): Email from YPN to Department, dated 6 October 2020, regarding submission of 2020 EPBC ACR
- Attachment 3a (2): Screenshots from YPN website showing proof of publication for 2019/20 Air Quality Analysis Report (as per Condition 9A) and 2020 EPBC Annual Environmental Compliance Report
- Attachment 3b: Screenshot dated 28 July 2021 showing historical EPBC ACR's remain on YPN website (2014-2020)
- Attachment 3A (1): Email and Letter from YPN to Department, dated 31st of March 2021, regarding a non-compliance with Condition 9B
- Attachment 3A (2): Email and Letter from YPN to Department, dated 14th of April 2021, regarding a non-compliance with Condition 9B
- Attachment 4: YPN Discharge to MUBRL- Continuous and Weekly Sample Results
- Attachment 6a: Email Correspondence for Bird Deterrent Approval 25 June 2015
- Attachment 6b: Bird Deterrent Structures Photos September 2021 and Environmental Inspection Checklist
- Attachment 7c: YPN OEMP Approval Letter 15 September 2017
- Attachment 8a: National Heritage Place Access Form and Register 2021
- Attachment 9A(a): Published Air Quality Monitoring Reports 2021
- Attachment 9A(b): Site 7 Relocation Approval Letter and Map of Relocation Site
- Attachment 9B(a): Nitric Acid Stack CEMS data (graph and table) and Stack Testing Results 12th and 13th August 2020, 18th December 2020 and 30th March 2021 (Ektimo Quarterly Stack testing)
- Attachment 10A(a): Letter from YPN to Department regarding Rock Art Monitoring, dated 2 July 2018
- Attachment 10A(b): Letter from Department Regarding the Continuation of the Current Rock Art Monitoring Methodology
- Attachment- Site Photos



2021 Annual Compliance Report
EPBC 2008/4546
Technical Ammonium Nitrate Plant

04-10-2021 600-200-ACR-YPN-0010 Rev 0

Attachment 3a (1): Email from YPN to Department, dated 6 October 2020, regarding submission of 2020 EPBC ACR

Nicole Ivory

From: Carly Mott
Sent: Tuesday, 6 October 2020 11:56 AM
To: post.approvals@environment.gov.au
Cc: Ty Hibberd; YP_Environment; Cara Price
Subject: Yara Pilbara Nitrates - EPBC2008/4546 2020 Annual Compliance Report
Attachments: 650-200-ACR-YPN-0008.pdf; Proof of Publication.pdf; 650-200-REP-SEC-0007.pdf

Good Morning

In accordance with Yara Pilbara Nitrates Pty Ltd (YPN)'s Federal Approval EPBC 2008/4546, please find attached the 2020 Annual Compliance Report and associated Air Quality Monitoring Report.

The reports relate to the reporting period 01 July 2019 to 30 June 2020 and are required to be submitted by 6 October 2020 to meet compliance with condition 3 of the EPBC 2008/4546 Approval (directed variation dated 12 September 2017).

Submission of the Air Quality Monitoring relates to Conditions 9A and 10A of the EPBC 2008/4546 Federal Approval, respectively.

A copy of the reports have been published to YPN's website (www.yara.com.au) and the screenshots of the upload are also attached (proof of publication).

Yara Pilbara Nitrates requires acknowledgement that you have received this submission. Please acknowledge receipt by return email. This email shall be retained as proof of submission.

Thank you and kind regards

Carly Mott
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Knowledge grows





2021 Annual Compliance Report
EPBC 2008/4546
Technical Ammonium Nitrate Plant

04-10-2021 600-200-ACR-YPN-0010 Rev 0

Attachment 3a (2): Screenshots from YPN website showing proof of publication for 2019/20 Air Quality Analysis Report (as per Condition 9A) and 2020 EPBC Annual Environmental Compliance Report

EBPC 2008/4546 Annual Environmental Compliance Report Publication 2020

The screenshot displays a web browser window with the URL yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/. The page content includes a navigation menu with the following items:

- Compliance Assessment Reports MS070
- Annual Environmental Compliance Reports EPBC 2008/4546
 - TAN Plant EPBC Annual Compliance Report 2014
 - TAN Plant EPBC Annual Compliance Report 2015
 - TAN Plant EPBC Annual Compliance Report 2016
 - TAN Plant EPBC Annual Compliance Report 2017
 - TAN Plant EPBC Annual Compliance Report 2017 - Addendum
 - TAN Plant EPBC Annual Compliance Report 2018
 - TAN Plant EPBC Annual Compliance Report 2019
 - TAN Plant EPBC Annual Compliance Report 2020**
- Other Reports
- Approved Monitoring and Management Plans

At the bottom of the page, there are links for [Contact Yara](#), [About Yara](#), and [Follow Yara](#). A "Back to top" button is also visible. The Windows taskbar at the bottom right shows the system clock as 11:42 AM on 6/10/2020.

Air Quality Monitoring Report 2019-2020

A screenshot of a web browser displaying a list of air quality monitoring reports. The browser's address bar shows the URL: <https://www.yara.com.au/about-yara/about-yara-australia/pilbara...>. The page contains a vertical list of links for monthly reports from April 2019 to August 2020, plus an 'Ambient Air Quality Monitoring Report 2019 - 2020' link at the bottom, which is highlighted in yellow. A 'Back to top' button is visible in the bottom right corner of the page content. The browser's taskbar at the bottom shows the system tray with icons for network, volume, and power, along with the date and time: 9:06 AM, 2/10/2020.

Air Quality Monitoring Report - April 2019

Air Quality Monitoring Report - May 2019

Air Quality Monitoring Report - June 2019

Air Quality Monitoring Report - July 2019

Air Quality Monitoring Report - August 2019

Ambient Air Quality Monitoring Report 2018 - 2019

Air Quality Monitoring Report - September 2019

Air Quality Monitoring Report - October 2019

Air Quality Monitoring Report - November 2019

Air Quality Monitoring Report - December 2019

Air Quality Monitoring Report - January 2020

Air Quality Monitoring Report - February 2020

Air Quality Monitoring Report - March 2020

Air Quality Monitoring Report - April 2020

Air Quality Monitoring Report - May 2020

Air Quality Monitoring Report - June 2020

Air Quality Monitoring Report - July 2020

Air Quality Monitoring Report - August 2020

Ambient Air Quality Monitoring Report 2019 - 2020

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9:06 AM
2/10/2020



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Attachment 3b: Screenshot dated 28 July 2021 showing historical EPBC ACR's remain on YPN website (2014-2020)

EPBC 2008/4546 Annual Environmental Compliance Report 2020 Publication

https://www.yara.com.au/about-yara/about-yara-australia/pilbara/yara-pilbara-nitrates/

- Air Monitoring Reports
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- Rock Art Monitoring Reports
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 - TAN Plant EPBC Annual Compliance Report 2017 - Addendum
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7:33 AM
28/07/2021



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Attachment 3A (1): Email from YPN to Department, dated 31st of March 2021, regarding a non-compliance with Condition 9B

Nicole Ivory

From: Cara Price
Sent: Wednesday, 31 March 2021 4:05 PM
To: compliance@environment.gov.au
Cc: Ty Hibberd; Carly Mott; YP_Environment
Subject: Yara Pilbara Nitrates - EPBC 2008/4546 Condition 9B a) - Non-Compliance
Attachments: Letter to DAWE NOx and NH3 Exceedances .pdf

Good Afternoon,

Please find attached a letter to advise the Department of a non-compliance with condition 9B of EPBC Approval 2008/4546 issued on behalf of Ty Hibberd, HESQ Manager.

This email will be retained as proof of submission and recorded as evidence of transmittal. Please acknowledge receipt by return email.

Thank you.

[Cara Price](#)
Environmental Superintendent
HESQ
Production
Yara Pilbara
Office: +618 9183 4005
Email: cara.price@yara.com



Yara Pilbara Fertilisers Pty Ltd
Lot 564 Village Road
WA 6714 Burrup Peninsula, Australia
www.yara.com





Knowledge grows

31 March 2021

Our Reference:

Office of Compliance
Environment Standards Division
Department of Agriculture , Water and the Environment
GPO Box 787
Canberra ACT 2601

Email: compliance@environment.gov.au

Dear Sir/Madam,

EPBC 2008/4546 Condition 9B a) - Non-Compliance

As required by Section 3A of EPBC 2008/4546, this letter is to advise the Department of a non-compliance with Condition 9B a) of EPBC Approval 2008/4546.

Condition 9B a) of EPBC Approval 2008/4546 states that "*emissions of air pollutants during operations must not exceed the limits described in a Licence under Part V of the Environmental Protection Act 1986 issued by the Western Australian Government*".

Please note that on Wednesday 24th March 2021 there was an exceedance of the Nitric Acid Plant Stack NO_x and NH₃ limits, as specified in Condition 3 of the Yara Pilbara Nitrates Environmental Licence (L9223/2019/1). A further exceedance of the NH₃ limit was also identified on the 29th March 2021.

These exceedances were reported to the Western Australian Department of Water and Environmental Regulation in accordance with Condition 22 of the Licence.

Yours Sincerely

Dr Ty Hibberd

Health, Environment, Safety & Quality Manager

Yara Pilbara Nitrates

Yara Pilbara Nitrates Pty Ltd

Postal Address
Locked Bag 5009
Karratha WA 6714
Australia

Visiting Address
Lot 564 and 3017 Village Road
Burrup WA 6714
Australia

Telephone
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Facsimile: +61 8 9327 8199



2021 Annual Compliance Report
EPBC 2008/4546
Technical Ammonium Nitrate Plant

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Attachment 3A (2): Email from YPN to Department, dated 14th of April 2021, regarding a non-compliance with Condition 9B

Nicole Ivory

From: Cara Price
Sent: Wednesday, 14 April 2021 3:18 PM
To: compliance@environment.gov.au
Cc: Ty Hibberd; Carly Mott; YP_Environment
Subject: Yara Pilbara Nitrates - EPBC 2008/4546 Condition 9B a) - Non-Compliance
Attachments: Letter to DAWE NOx Exceedance 20210409.pdf

Good Afternoon,

Please find attached a letter to advise the Department of a non-compliance with condition 9B of EPBC Approval 2008/4546 issued on behalf of Ty Hibberd, HESQ Manager.

This email will be retained as proof of submission and recorded as evidence of transmittal. Please acknowledge receipt by return email.

Thank you.

Cara Price
Environmental Superintendent
HESQ
Production
Yara Pilbara
Office: +618 9183 4005
Email: cara.price@yara.com



Yara Pilbara Fertilisers Pty Ltd
Lot 564 Village Road
WA 6714 Burrup Peninsula, Australia
www.yara.com





Knowledge grows

14 April 2021

Our Reference:

Office of Compliance
Environment Standards Division
Department of Agriculture , Water and the Environment
GPO Box 787
Canberra ACT 2601

Email: compliance@environment.gov.au

Dear Sir/Madam,

EPBC 2008/4546 Condition 9B a) - Non-Compliance

As required by Section 3A of EPBC 2008/4546, this letter is to advise the Department of a non-compliance with Condition 9B a) of EPBC Approval 2008/4546.

Condition 9B a) of EPBC Approval 2008/4546 states that "*emissions of air pollutants during operations must not exceed the limits described in a Licence under Part V of the Environmental Protection Act 1986 issued by the Western Australian Government*".

Please note that on Friday 9th April 2021 there was an exceedance of the Nitric Acid Plant Stack NO_x limit, as specified in Condition 3 of the Yara Pilbara Nitrates Environmental Licence (L9223/2019/1).

These exceedances were reported to the Western Australian Department of Water and Environmental Regulation in accordance with Condition 22 of the Licence.

Yours Sincerely

A handwritten signature in black ink, appearing to read 'Ty Hibberd', with a long horizontal line extending to the right.

Dr Ty Hibberd

Health, Environment, Safety & Quality Manager

Yara Pilbara Nitrates

Yara Pilbara Nitrates Pty Ltd

Postal Address
Locked Bag 5009
Karratha WA 6714
Australia

Visiting Address
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Telephone
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Facsimile
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Registered Office:
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Perth WA 6000
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Technical Ammonium Nitrate Plant

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Attachment 4: YPN Discharge to MUBRL- Continuous and Weekly Sample Results

Title	M1 (Incoming Seawater)			Yara Pilbara Nitrate Discharge Point to MUBRL (W4)								YPN Temperature Difference (W4-M1)			W4 Conductivity mS/cm	W4 pH
	Incoming Brine Temp (WaterCorp)	Incoming Seawater Flow	Backup SW Inlet Temp (Desal 1)	Temperature	Conductivity	ORP	pH	Flow	Flow	°C						
										°C	m ³ /hour	°C	°C	Minutes >5°C		
Unit	°C	m ³ / hour	°C	°C	mS/cm	mV		kg/hr	m ³ /hr							
Tag #	T102006	F102001	1-T1S101	61T1001 PV	61A1003 PV	61A002 PV	61A004 PV	87F1005 PV	87F1005 PV*0.0010	W4-M1	Minutes >5°C	Hours >5°C	Monthly Average			
11-June-2021	23.7	2,270.44	23.6	22.2	53.6	798.8	4.2	198,144.65	198.14	-1.5	0.0	0.0				
12-June-2021	24.1	2,240.82	24.1	23.1	55.1	799.0	8.1	196,343.30	196.34	-1.1	0.0	0.0				
13-June-2021	23.9	2,260.43	23.9	22.6	58.7	788.8	8.2	195,411.48	195.41	-1.4	0.0	0.0				
14-June-2021	23.3	2,331.26	23.4	23.2	61.5	707.6	8.2	194,891.24	194.89	-0.1	0.0	0.0				
15-June-2021	22.8	2,325.72	22.9	23.4	62.3	497.1	8.2	194,155.85	194.16	0.6	0.0	0.0				
16-June-2021	21.9	2,322.37	22.2	22.3	62.4	480.7	8.2	193,314.19	193.31	0.4	0.0	0.0				
17-June-2021	21.0	2,343.26	21.2	21.6	62.1	476.6	8.2	192,659.28	192.66	0.6	0.0	0.0				
18-June-2021	20.6	2,318.29	20.7	22.7	61.7	478.0	8.2	225,307.20	225.31	2.1	0.0	0.0				
19-June-2021	20.5	2,311.18	20.5	23.7	59.8	455.1	8.2	293,573.15	293.57	3.2	0.0	0.0				
20-June-2021	22.0	2,352.09	22.1	25.0	58.6	447.8	8.2	296,220.62	296.22	2.9	0.0	0.0				
21-June-2021	21.9	2,294.69	21.9	23.0	60.6	427.9	8.1	183,852.46	183.85	1.1	0.0	0.0				
22-June-2021	21.3	2,259.12	21.4	21.4	61.5	455.1	8.2	183,257.33	183.26	0.1	0.0	0.0				
23-June-2021	20.7	2,281.21	20.9	21.3	61.5	472.1	8.2	182,663.43	182.66	0.6	0.0	0.0				
24-June-2021	20.2	2,161.24	20.4	21.0	61.5	439.6	8.2	182,814.31	182.81	0.8	0.0	0.0				
25-June-2021	19.8	1,814.07	20.0	22.1	63.1	414.8	8.2	181,985.05	181.99	2.3	0.0	0.0				
26-June-2021	19.5	1,815.93	19.7	20.5	64.6	460.1	8.2	182,968.80	182.97	1.0	0.0	0.0				
27-June-2021	20.0	1,944.02	20.0	21.1	64.7	476.7	8.2	184,154.17	184.15	1.2	0.0	0.0				
28-June-2021	21.1	2,122.33	20.9	24.4	64.2	447.9	8.1	198,139.42	198.14	3.4	0.0	0.0				
29-June-2021	21.8	2,214.29	21.8	26.0	61.4	294.7	8.1	188,902.61	188.90	4.2	25.0	0.4				
30-June-2021	22.2	2,296.02	22.0	24.4	65.1	288.6	8.1	186,436.33	186.44	2.2	0.0	0.0	57.7	8.2		

Monthly Rolling Average (0 is represented as "-" to reduce visual noise)

Date Sampled	Arsenic III	Arsenic V	Cadmium	Chromium III	Chromium VI	Copper	Cobalt	Vanadium	Silver	Selenium	Mercury	Ammonia as ammoniacal nitrogen (NH3-N)	Nickel	Lead	Zinc
UNITS	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Licence Limits	0.14 mg/L	0.275 mg/L	0.036 mg/L	0.459 mg/L	0.0085 mg/L	0.011 mg/L	0.061 mg/L	3.05 mg/L	0.049 mg/L	0.183 mg/L	0.0014 mg/L	30.164 mg/L	0.427 mg/L	0.134 mg/L	0.419 mg/L
6-Jul-20	-	0.001	-	-	-	0.000	-	0.003	-	-	-	5.550	-	-	-
13-Jul-20	-	0.001	-	-	-	0.000	-	0.003	-	-	-	4.830	-	-	-
20-Jul-20	-	0.001	-	-	-	0.001	-	0.003	-	-	-	3.205	-	-	-
28-Jul-20	-	0.001	-	-	-	0.001	-	0.003	-	-	-	2.155	-	-	-
3-Aug-20	-	0.002	-	-	-	0.002	-	0.002	-	-	-	2.380	-	-	-
10-Aug-20	-	0.002	-	-	-	0.002	-	0.003	-	-	-	2.405	-	-	-
17-Aug-20	-	0.002	-	-	-	0.002	-	0.002	-	-	-	2.205	-	-	0.008
24-Aug-20	-	0.002	-	-	-	0.002	-	0.002	-	-	-	1.840	-	-	0.008
31-Aug-20	-	0.002	-	-	-	0.002	-	0.002	-	-	-	1.815	-	-	0.008
7-Sep-20	-	0.002	-	-	-	0.002	-	0.002	-	-	-	1.985	-	-	0.008
14-Sep-20	-	0.001	-	-	-	0.001	-	0.002	-	-	-	1.855	-	-	-
21-Sep-20	-	0.001	-	-	-	0.001	-	0.002	-	-	-	1.645	-	-	-
29-Sep-20	-	0.002	-	-	0.001	0.001	-	0.002	-	-	-	0.685	-	-	-
5-Oct-20	-	0.001	-	-	0.001	0.001	-	0.002	-	-	-	1.335	-	-	-
12-Oct-20	-	0.001	-	-	0.001	0.002	-	0.002	-	-	-	1.515	-	-	-
19-Oct-20	-	0.001	-	-	0.001	0.002	-	0.002	-	-	-	1.655	-	-	-
26-Oct-20	-	0.001	-	-	-	0.001	-	0.002	-	-	-	1.668	-	-	-
2-Nov-20	-	0.001	-	-	-	0.001	-	0.002	-	-	-	0.930	-	-	-
9-Nov-20	-	0.001	-	-	-	0.000	-	0.003	-	-	-	0.700	-	-	-
16-Nov-20	-	0.001	-	-	-	0.001	-	0.002	-	-	-	0.683	-	-	-
23-Nov-20	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.493	-	-	-
30-Nov-20	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.320	-	-	-
7-Dec-20	-	0.003	-	-	-	0.001	-	0.002	-	-	-	0.305	-	-	-
14-Dec-20	-	0.003	-	-	-	0.001	-	0.002	-	-	-	0.255	-	-	-
21-Dec-20	-	0.003	-	-	-	0.000	-	0.002	-	-	-	0.233	-	-	-
28-Dec-20	-	0.002	-	-	-	0.000	-	0.002	-	-	-	0.193	-	-	-
4-Jan-21	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.325	-	-	-
11-Jan-21	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.350	-	-	-
18-Jan-21	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.388	-	-	-
25-Jan-21	-	0.002	-	-	-	0.002	-	0.003	-	-	-	0.428	-	-	-
1-Feb-21	-	0.002	-	-	-	0.002	-	0.003	-	-	-	0.328	-	-	-
8-Feb-21	-	0.002	-	-	-	0.002	-	0.003	-	-	-	0.830	-	0.000	-
15-Feb-21	-	0.002	-	-	-	0.003	-	0.003	-	-	-	1.478	-	0.000	-
22-Feb-21	-	0.002	-	-	-	0.003	-	0.002	-	-	-	2.313	-	0.000	-
2-Mar-21	-	0.002	-	-	-	0.003	-	0.003	-	-	-	2.393	-	0.000	-
8-Mar-21	-	0.002	-	-	-	0.003	-	0.003	-	-	-	1.793	-	-	-
15-Mar-21	-	0.002	-	-	-	0.001	-	0.003	-	-	-	1.153	-	-	-
22-Mar-21	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.278	-	-	-
30-Mar-21	-	0.002	-	-	-	0.000	-	0.002	-	-	-	0.710	-	-	-
6-Apr-21	-	0.002	-	-	-	0.001	-	0.003	-	-	-	0.855	-	-	-
12-Apr-21	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.968	-	-	-
19-Apr-21	-	0.002	-	-	-	0.001	-	0.003	-	-	-	1.218	-	-	-
27-Apr-21	-	0.002	-	-	-	0.001	-	0.003	-	-	-	0.690	-	-	-
3-May-21	-	0.002	-	-	-	0.001	-	0.003	-	-	-	0.578	-	-	-
10-May-21	-	0.002	-	-	0.001	0.001	-	0.003	-	-	-	0.445	-	-	-
17-May-21	-	0.002	-	-	0.001	0.002	-	0.003	-	-	-	0.795	-	-	-
24-May-21	-	0.002	-	-	0.001	0.003	-	0.003	-	-	-	0.750	-	-	-
31-May-21	-	0.002	-	-	0.001	0.002	-	0.003	-	-	-	0.795	-	-	-
8-Jun-21	-	0.002	-	-	-	0.002	-	0.002	-	-	-	0.755	-	-	-
14-Jun-21	-	0.002	-	-	-	0.001	-	0.002	-	-	-	0.155	-	-	-
22-Jun-21	-	0.001	-	-	-	0.001	-	0.002	-	-	-	0.728	-	-	-
30-Jun-21	-	0.001	-	-	-	0.001	-	0.002	-	-	-	0.728	-	-	-



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EPBC 2008/4546
Technical Ammonium Nitrate Plant

04-10-2021 600-200-ACR-YPN-0010 Rev 0

Attachment 6a: Email Correspondence for Bird Deterrent Approval 25 June 2015

Nicole Ivory

From: Rajan Sinha
Sent: Wednesday, 28 September 2016 1:20 PM
To: Susan Giles
Subject: FW: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Rajan Sinha
Technical Services & Business Development Manager
Operations
Production
Site Operations
Mobile: 0410840369
Office: (08) 9183 4139
Email: rajan.sinha@yara.com



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Lot 564, Village Road Burrup
WA 6714 Karratha, Australia
www.yara.com



From: Corbellini, Michelle [mailto:Michelle.Corbellini@DPaW.wa.gov.au]
Sent: Thursday, June 25, 2015 1:48 PM
To: Rajan Sinha
Cc: Wessels, Nigel
Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Hi Rajan

Yara fertiliser Pilbara's proposed methodology appears to align directly with the Department of Parks and Wildlife's (Parks and Wildlife) Pilbara Region advice dated 23 April 2015. Parks and Wildlife has no further comments on the proposed bird deterrent methods.

Kind regards

Michelle Corbellini
Environmental Project Coordinator
Pilbara Region

Department of Parks and Wildlife
Locked Bag 104, Bentley Delivery Centre, WA, 6983
Ph: (08) 9334 0260
Michelle.Corbellini@DPaW.wa.gov.au



From: Rajan Sinha [<mailto:rajan.sinha@yara.com>]

Sent: Thursday, 18 June 2015 9:47 AM

To: Corbellini, Michelle

Cc: Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Hi Michelle,

Please find the attached document with regards to the information requested under your mail below as per your advice and it is related with overhead wires. Enclosed please see updated Bird Deterrent System Assessment report.

Please feel free to contact me for any further information. Your approval on the above is highly appreciated.

Regards,

Rajan Sinha

Technical Services and Business Development Manager

Operations

Upstream

Production

Mobile: +61 410 840 369

Office: +61891834139

Email: rajan.sinha@yara.com



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Lot 564, Village Road Burrup
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From: Corbellini, Michelle [<mailto:Michelle.Corbellini@DPaW.wa.gov.au>]

Sent: Thursday, April 23, 2015 2:24 PM

To: Rajan Sinha

Cc: Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Hi Rajan

Thank you for providing the Department of Parks and Wildlife (Parks and Wildlife) Pilbara Region with further information regarding Yara Fertilisers proposed bird deterrents at the Technical Ammonium Nitrate Production Facility, on the Burrup Peninsula, approved under Ministerial Statement 870. Ministerial Statement 870 includes the following requirement in relation to deterring birds from entering the contaminated water pond, clean water pond and sewage wastewater treatment station evaporation pond.

7-1 The proponent shall employ such structures and apparatus as are necessary and agreed by the DEC to deter birds from entering the contaminated water pond, clean water pond, and sewage wastewater treatment station evaporation pond.

Parks and Wildlife considers that the proposed deterrent techniques appear to be appropriate, provided that Yara Fertilisers commit to a monitoring program being developed and undertaken, to measure the effectiveness of the deterrent devices on the presence and abundance of bird species over time. If monitoring systems detect no effect

of the devices, or a reduction in effectiveness is noted over time then other methods should be considered and implemented.

The preparation and implementation of a monitoring program is highly recommended as the effectiveness of ultrasonic and audio devices is variable, and highly dependent on how they are deployed, and dependent on target species present within the area. The range of sounds able to be detected between species varies markedly and the successfulness of an audio or ultrasonic devices in deterring birds can vary based on the activity that the bird is undertaking. There are concerns about relying solely on audio repellents for birds because they have not been demonstrated to be an effective long term solution. Some species become habituated to the devices over time. An effective deterrent system requires a variety of methods to be successful, whether in combination or in rotation, as well as frequently changing the type, timing and location of the equipment. Other deterrent methods which may be used in combination include, modifying the surface banks to make them less desirable to shorebirds (e.g. covering the banks with rocks to prevent nesting and foraging in the mud), or the installation of non-electrified string lines parallel across the ponds to prevent birds from landing or entering the water. Trials at BHP's Olympic dam have been successful in using string lines spaced at 5m intervals to deter birds (reducing presence by 99.2%). These additional methods should be considered if monitoring detects that the devices are not effective, or are decreasing in effectiveness over time.

If you have any further queries please do not hesitate to contact me.

Kind regards

Michelle Corbellini
Environmental Project Coordinator

Department of Parks and Wildlife - Pilbara Region

17 Dick Perry Ave, Kensington
Locked Bag 104, Bentley Delivery Centre, WA, 6983
Ph: (08) 9334 0260
Michelle.Corbellini@DPaW.wa.gov.au



From: Rajan Sinha [<mailto:rajan.sinha@yara.com>]
Sent: Monday, 30 March 2015 8:23 PM
To: Corbellini, Michelle
Cc: Wessels, Nigel
Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Hi Michelle,

Please find the attached document with regards to the information requested under your mail below ref.: "Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project", dated on 19/December/2014. We were trying to source out the information from the vendor, and we received the detailed information just recently.

Please feel free to contact me for any further information. Your approval on the above is highly appreciated.

Regards,

Rajan Sinha

Technical Services and Business Development Manager

Operations

Upstream

Production

Mobile: +61 410 840 369

Office: +61891834139

Email: rajan.sinha@yara.com



Yara Pilbara Fertilisers Pty Ltd
Lot 564, Village Road Burrup
WA 6714 Karratha, Australia
www.yara.com



From: Corbellini, Michelle [<mailto:Michelle.Corbellini@DPaW.wa.gov.au>]

Sent: Friday, December 19, 2014 8:20 AM

To: Rajan Sinha

Cc: Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Hi Rajan

Thanks for your email and phone call to discuss yesterday.

I've had one of Parks and Wildlife's fauna experts review the deterrent methods proposed by Yara Pilbara Nitrate. They have requested that a bit more information is provided on how this method is implemented and what other options have been considered by Yara Pilbara Nitrate. If you could please provide the following information this would assist with a timely review of your request:

- State the model of the devices (i.e. brand, model number/series)
- Indicate the number of devices to be installed in total, and the number per pond, indicate the location of the installation on the map
- Indicate how the devices will be applied - frequency of use
- Provide information on other deterrent methods/devices which Yara has considered. How were other options assessed to be appropriate or inappropriate in this circumstance? Examples of other methods include noise cannons, physical barriers etc. Were other methods considered to be applied in combination (i.e. more than one method)?
- State the common bird species at this site, which may use these ponds. This is required as it appears that certain species are more sensitive than others to these particular deterrent devices. The use of the device should be justified based on the bird species found in this area.

Please note that our fauna expert and I will be taking leave over the Christmas / New Year period, and therefore based on the supply of the above information we should be able to provide you with a response during January.

If you do have any questions please do not hesitate to give me a call on the number below.

Kind regards,

Michelle Corbellini

Environmental Project Coordinator

Department of Parks and Wildlife - Pilbara Region

17 Dick Perry Ave, Kensington
Locked Bag 104, Bentley Delivery Centre, WA, 6983
Ph: (08) 9334 0260
Michelle.Corbellini@DPaW.wa.gov.au



From: Rajan Sinha [<mailto:rajan.sinha@yara.com>]
Sent: Wednesday, 17 December 2014 11:29 AM
To: Corbellini, Michelle
Cc: Esszig, Fiona; David Hegerty; Jason Roberts; Guillaume Holweck
Subject: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Hi Michelle,

Please note that YARA PILBARA NITRATE (YPNPL) is currently constructing a Technical Ammonium Nitrate Plant in Burrup Peninsula. You may get more information about this project in the website www.ypnpl.com.au . Please find the attached letter to get the approval of bird deterrents as per advice from Department of Environment Regulation.

Please feel free to contact me for any further information.

Regards,

Rajan Sinha
Deputy General Manager (TAN Project)
Yara Pilbara
Mobile: +61 410840369
Office: +61 (8) 91834139
rajan.sinha@yara.com



Lot 564, Village Road, Burrup Peninsula
WA 6714
(Locked Bag 5009, Karratha WA 6714)
ABN : 33127391422
www.yara.com

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Attachment 6b: Bird Deterrent Structures Photos July and September 2021 and Environmental Inspection Checklist

1. Clean Surface Water Pond 1



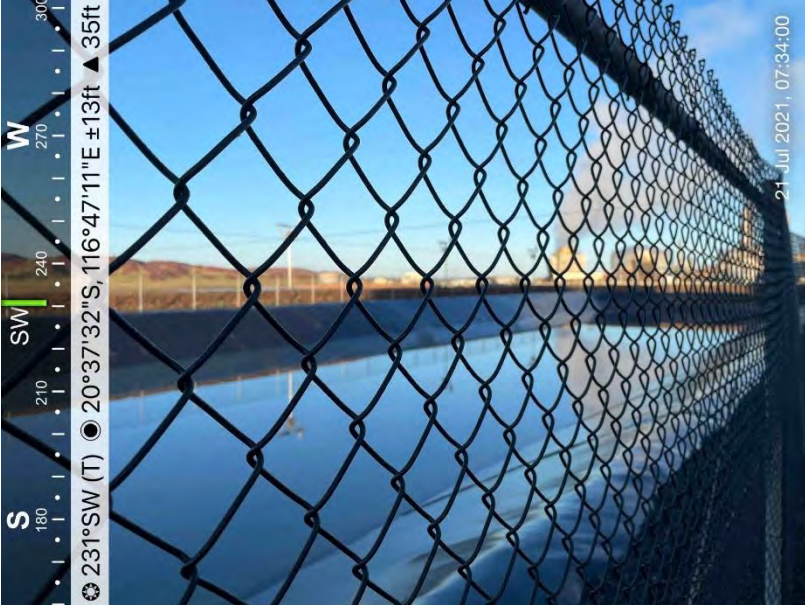
2. Clean Surface Water Pond 2



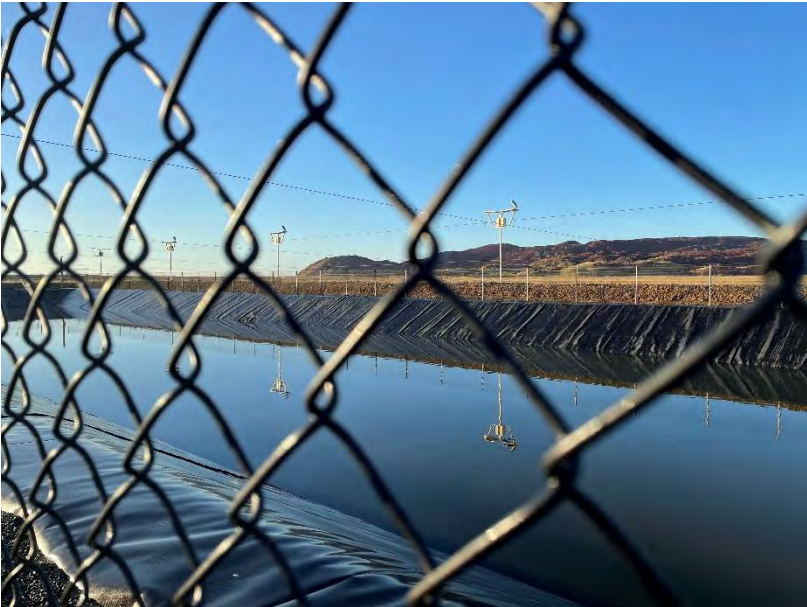
3. Clean Surface Water Pond 3



4. Contaminated Surface Water Pond 4



5. Contaminated Water Pond 5



6. Clean Surface Water Pond 6



Environmental Inspection Checklist



YARA PILBARA



LOCATION:	TIME:
DATE:	

SYSTEMATIC INSPECTION FORM **ELEMENT 16: ENVIRONMENT**

A = Acceptable NI = Needs Improvements UA = Unacceptable NA = Not Assessed

No.	ITEM	COMPLIANCE ACHIEVED				COMMENTS
		A	NI	UA	NA	
1	Are hydrocarbon spill kits available, ideally located, fully stocked and free of debris / rubbish?					
2	Are chemical spill kits available, ideally located, fully stocked and free of debris / rubbish?					
3	Are bins being used correctly? Is waste being disposed of in correct bin?					
4	Are available bins adequate? Are additional bins required?					
5	Is bin signage adequate?					
6	Is hazardous waste being disposed of appropriately (i.e. no evidence of oil, chemicals, batteries etc. in general waste bins)?					
7	Is waste container capacity/replacement frequency adequate for purpose?					
8	Does hazardous waste storage area require servicing?					
9	Is housekeeping adequate? Is waste present on ground/in drains?					
10	Are ponds/sedimentation basins in good condition?					
11	Do ponds/sedimentation basins require emptying?					
12	Are birds present in ponds/sedimentation basins? Do bird deterrents appear effective?					
13	Are tanks adequately bunded?					
14	Are hazardous materials stored correctly?					
15	Are there any noticeable spills to ground?					
16	Are there any obvious atmospheric emissions?					
17	Is there evidence of a loss of containment, i.e. Is there an Ammonia or Nitric Acid smell?					
18	Are weeds in evidence on site? Are drainage channels weed free?					
19	Are animals in evidence on site?					
20	Are the waste water treatment plants operating effectively? Are any alarms in evidence?					
21	Are the off-site infiltration beds adequately storing YPF waste water?					
22	Is plant and equipment free of drips / seepage?					
23	Are water drainage features sufficient?					
24	Is erosion in evidence?					
25	Are heightened noise levels in evidence?					
26	Is there evidence of unseasonal biological growth (green vegetation, algae growth etc.)? Take photos.					

Required Action:

Inspection Team

Name:	Signature:	Name:	Signature:
Name:	Signature:	Name:	Signature:



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Attachment 7c: YPN OEMP Approval Letter 15 September 2017



Mr Brian Howarth
Health, Environment, Safety & Quality Manager
Yara Pilbara Fertilisers Pty Ltd
Lot 564 Village Road Burrup
KARRATHA WA 6714

**EPBC 2008/4546 – Proposed Technical Ammonium Nitrate Production Facility –
Operational Environmental Management Plan**

Dear Mr Howarth,

Thank you for submitting for approval the Operational Environmental Management Plan required in accordance with Condition 7(b) of the *Environment Protection & Biodiversity Conservation Act 1999* (EPBC Act) approval for EPBC 2008/4546.

Officers of this Department have advised me on the adequacy of the plan, with particular regard for the above conditions of approval. I am satisfied the plan:

- meets the requirements of Condition 7(b) of the conditions of approval for EPBC 2008/4546; and
- in accordance with Condition 7A of the conditions of approval for EPBC 2008/4546, does not contain management actions that are inconsistent with the approval conditions or the National Heritage management principles.

On this basis, and as a delegate of the Minister for the Environment and Energy, I have decided to approve the *Operational Environmental Management Plan, EPBC 2008/4546, Technical Ammonium Nitrate Plant, Revision 3*, dated 14 September 2017.

The approved plan must now be implemented. Please note that in accordance with Condition 14 of the approval, the approved plan must be published on your website within one month of this approval letter, and for the life of the approval.

The Department has an active monitoring program which includes monitoring inspections, desk top document reviews and audits. Please ensure that you maintain accurate records of all activities associated with, or relevant to, the conditions of approval so that these records can be made available to the Department on request.

Should you require any further information please contact Vaughn Cox on (02) 6274 2005 or by email: postapproval@environment.gov.au.

Yours sincerely,



Charmayne Murray
Acting Assistant Secretary
Assessments and Governance Branch
Environment Standards Division

15 September 2017



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Attachment 8a: National Heritage Place Access Form and Register 2021



Section 1 – Site Requirements

Condition 8a) and 8d) of Yara Pilbara Nitrates Pty Ltd's (YPN) Environmental Protection & Biodiversity Conservation Act 1999 approval, EPBC2008/4546, requires that:
1. There is no unauthorised access by employees or contractors to the Dampier Archipelago (including Burrup Peninsula) National Heritage Place while those employees or contractors are undertaking work duties; and
2. YPN must record the names of all those required to access areas containing rock art sites inside the National Heritage Place.

Details of person undertaking work duties in areas containing rock art sites inside the National Heritage Place *

Name: Position Title:
A# or Contracting Company:

Section 2 – Agreement and Consent

I understand the details, limitations and obligations of the National Heritage Place Access approval and that failing to fulfil my obligations may result in disciplinary action or criminal prosecution.
I confirm my agreement and consent to the matters in this form is given on a voluntary basis and provide my signature as confirmation of this.

Signature: Date:

Section 3 - Approvals

I, as Manager responsible for Heritage Management, authorise the person above to access the National Heritage Place containing rock art sites to undertake their assigned work duties. This approval remains valid for a period of five years.

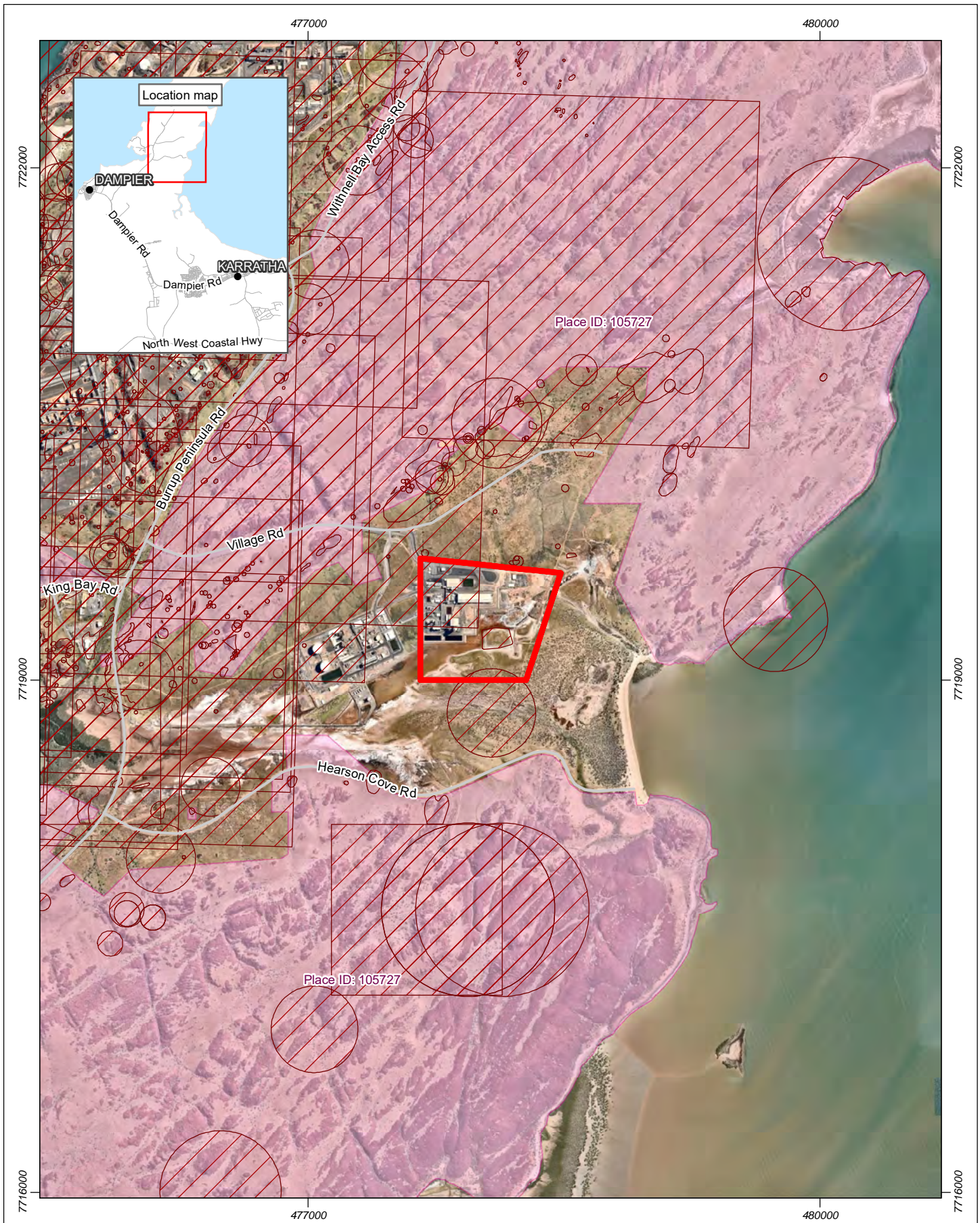
Table with 4 columns: HESQ Manager Name, A#, HESQ Manager Signature, Date

Forward completed form to Document Controller filing and registration in the National Heritage Place Access Register

Document Controller Use Only

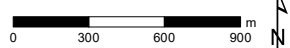
Employee/Contractor details have been entered into the National Heritage Place Access Register Yes []

1 Unauthorised access – defined in EPBC2008/4546 as access by personnel or contractors without written agreement of the manager who is responsible for heritage management.
2 National Heritage Place – defined in EPBC2008/4546 as the Dampier Archipelago (including Burrup Peninsula) National Heritage Place whose location has been defined and values described in the Commonwealth Government's special gazette No.S. 127 dated 3 July 2007. Refer to the pink shaded area on the map over the page.
3 Rock Art sites – defined in EPBC2008/4546 as manmade structures in the National Heritage Place, of a type mentioned in gazette No.S.127 including engravings, etchings, peckings and/or standing stones.



Attachment 1: Location

Scale 1:30,000 at A4






Coordinate System: GDA 1994 MGA Zone 50
 Note that positional errors may occur in some areas
 Date: 8/06/2017

Author: JCrute

Source: Existing cadastre: SLIP, landgate 2016.

Legend

-  Site D boundary
-  National heritage
-  Registered aboriginal heritage site



info@strategen.com.au
 www.strategen.com.au

https://yara.sharepoint.com/:x/r/teams/pilbara/_layouts/15/Doc.aspx?sourcedoc=%7B4B82300D-9F61-423B-8F1A-8F52301910D4%7D&file...


Excel 250-200-REG-YPF-0001 View-only

Search (Alt + Q)

File Home Insert Draw Page Layout Formulas Data Review View Automate Help Open in Desktop App Viewing Share Comments

Clipboard

fx =IF(ISBLANK(G62),"",EDATE(G62,60))

 **National Heritage Place Access Register**

250-200-REG-YPN-0001
Last Updated: 24.12.2018

Knowledge grows

Form No.	Surname	Given Name	Position Title	a Number (if applicable)	Contracting Company (if not Yara)	Date Authorised	Valid Until (+5 years Col D)
	<i>Bloggs</i>	<i>Joe</i>	<i>Example Person</i>	<i>a931834</i>	<i>Clough Amec</i>	<i>02-Nov-17</i>	<i>02-Nov-22</i>
001	London	Leanne	Security		ERS	08-Nov-17	08-Nov-22
002	Holland	Ed	Security		ERS	08-Nov-17	08-Nov-22
003	Howarth	Brian	HESQ Manager	a922606	Yara	08-Nov-17	08-Nov-22
004	Rushton	Amy	Trainee Laboratory Technician	a928492	Yara	08-Nov-17	08-Nov-22
005	March	Corinne	Laboratory Chemist	a924280	Yara	08-Nov-17	08-Nov-22
006	Gladstone	Jim	H&S Advisor	a923799	Yara	08-Nov-17	08-Nov-22
007	Barnard	Doug	H&S Advisor	a903703	Yara	08-Nov-17	08-Nov-22
008	Vasish	Narelle	Business Administration Trainee	a933554	Yara	08-Nov-17	08-Nov-22
009	Zis	Justin	H&S Superintendent	a933576	Yara	08-Nov-17	08-Nov-22
010	Ivory	Nicole	Graduate Environmental Officer	a930939	Yara	08-Nov-17	08-Nov-22
011	Giles	Susan	Environmental Officer	a923267	Yara	08-Nov-17	08-Nov-22
012	Delbost	Susanna	Environmental Officer	a904476	Yara	08-Nov-17	08-Nov-22
013	Corker	Neil	Security & ER Superintendent	a925395	Yara	08-Nov-17	08-Nov-22
014	Bode	Damien	Laboratory Technician		Yara	08-Nov-17	08-Nov-22
015	Janssen	Ronald	Quality & Laboratory Superintendent	a911741	Yara	08-Nov-17	08-Nov-22

Sheet1

Workbook Statistics Give Feedback to Microsoft 100%+

9:51 AM
20/07/2021



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Attachment 9A(a): Published Air Quality Monitoring Reports 2021

- [Air Quality Monitoring Report - March 2020](#)
- [Air Quality Monitoring Report - April 2020](#)
- [Air Quality Monitoring Report - May 2020](#)
- [Air Quality Monitoring Report - June 2020](#)
- [Air Quality Monitoring Report - July 2020](#)
- [Air Quality Monitoring Report - August 2020](#)
- [Ambient Air Quality Monitoring Report 2019 - 2020](#)
- [Air Quality Monitoring Report - September 2020](#)
- [Air Quality Monitoring Report - October 2020](#)
- [Air Quality Monitoring Report - November 2020](#)
- [Air Quality Monitoring Report - December 2020](#)
- [Air Quality Monitoring Report - January 2021](#)
- [Air Quality Monitoring Report - February 2021](#)
- [Air Quality Monitoring Report - March 2021](#)
- [Air Quality Monitoring Report - April 2021](#)
- [Air Quality Monitoring Report - May 2021](#)
- [Air Quality Monitoring Report - June 2021](#)

- [Groundwater Monitoring Reports](#)
- [Rock Art Monitoring Reports](#)

[Back to top](#) ↑





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Attachment 9A(b): Site 7 Relocation Approval Letter and Map of relocation site



VARIATION OF CONDITIONS ATTACHED TO APPROVAL

Proposed Technical Ammonium Nitrate Production Facility (EPBC 2008/4546)

This decision to vary conditions of approval is made under section 143 of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act).

Approved action

Person to whom the approval is granted Yarra Pilbara Nitrates Pty Ltd (previously named Burrup Nitrates Pty Ltd)
ACN: 127 391 422

Approved action The construction of an ammonium nitrate production facility within the King Bay/Hearson Cove Industrial Precinct, Burrup Peninsula, WA [see EPBC Act referral 2008/4546].

Variation

Variation of conditions attached to approval The variation is:
Delete conditions 9 and 9A attached to the approval and substitute with the conditions specified in the table below.
Delete Attachment 2 attached to the approval and substitute with the Attachment 2 specified in table below.

Date of effect This variation has effect on the date the instrument is signed

Person authorised to make decision

Name and position Greg Manning
Assistant Secretary
Assessments (WA, SA, NT), Post Approvals and Policy Branch

Signature

Date of decision

24/3/2020

Date of decision	Conditions attached to approval
Original dated 14/09/2011	1. Within 30 days after the commencement of the action, the person taking the action must advise the Department in writing of the actual date of commencement.
Original dated 14/09/2011	2. The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the plan(s) and program(s) required by this approval, and make them available upon request to the Department . Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Act or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.
Variation dated 12//09/2017	3. a) By 6 October each year, the person taking the action must: <ul style="list-style-type: none"> i. Publish a report on their website addressing compliance with each of the conditions of this approval (for the reporting period 1 July of the previous year to 30 June of the reporting year), including implementation of any management plans and monitoring programs as specified in the conditions, including an analysis of monitoring data required under condition 9A and 10A that has been collected during the reporting period; and ii. Provide documentary evidence providing proof of the date of publication to the Department. b) Reports required under Condition 3a) must remain published for the life of the approval unless otherwise advised by the Minister in writing.
Variation dated 12//09/2017	3A. The person taking the action must advise the Department of a potential or actual non-compliance with these conditions in writing within 7 days of becoming aware of the potential or actual non-compliance.
Original dated 14/09/2011	<u>Water Management</u> 4. The person taking the action must ensure that wastewater from the facility meets the requirements set out in Statement 594 for discharges into the Multi User Brine Return Line (MUBRL).
Variation dated 12//09/2017	5. To ensure the protection of listed threatened species and listed migratory species, the person taking the action must only apply larvicide or adulticide within or outside the project area (as shown in <u>Attachment 1</u>) that is an Approved Class 11 insecticide , unless agreed to in writing by the Minister .
Variation dated 12//09/2017	6. To ensure the protection of listed threatened species and listed migratory species, the person taking the action must: <ul style="list-style-type: none"> a) Employ such structures and apparatus as are necessary and agreed by the Western Australian Government to deter birds from entering the contaminated water pond, clean water pond, and sewage wastewater treatment station evaporation pond, as per Statement 870. b) Ensure these structures and apparatus are in place prior to commissioning and are maintained for the life of the approval.
Variation dated 12//09/2017	7. To ensure the protection of the listed threatened species; listed migratory species and the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place , the person taking the action must submit to the Department the management plans mentioned below. <ul style="list-style-type: none"> a) A Construction Environmental Management Plan (CEMP) must be submitted to the Department at least two (2) months prior to construction and must include, but not be limited to, management measures for the following:

Date of decision	Conditions attached to approval
	<ul style="list-style-type: none"> • Air Quality and Dust • Water Quality • Erosion Control and Storm Water • Waste • Traffic • Blasting (if required). <p>b) An Operational Environmental Management Plan (OEMP) must be submitted to the Department at least two (2) months prior to operations. The OEMP must include, but not be limited to, management measures for the following:</p> <ul style="list-style-type: none"> • Erosion Control and Storm Water • Water Quality • Air Quality and Dust (including dust caused by vehicle traffic) • Waste • Blasting (if required). <p>c) Operations must not commence unless the OEMP is approved by the Minister.</p> <p>d) Additional management plans covering both construction and operations, must be submitted to the Department at least two (2) months prior to construction, including:</p> <ul style="list-style-type: none"> • Aboriginal Heritage Management Plan • Hazardous Materials Management Plan • Emergency Response Management Plan. <p>e) Once approved by the Minister, all plans required under condition 7 must be implemented.</p>
Variation dated 12//09/2017	7A. The management plans required under conditions 7 and 11A must not contain management actions that are inconsistent with these approval conditions or the National Heritage management principles .
Variation dated 12//09/2017	<p><u>Unauthorised Access</u></p> <p>8. To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must ensure that:</p> <p>a) There is no unauthorised access by employees or contractors of the person taking the action to the Dampier Archipelago (including Burrup Peninsula) National Heritage Place outside of the project area (shown in <u>Attachment 1</u>) while those employees or contractors are undertaking work duties.</p> <p>b) Chain mesh fencing of at least 2.5 metres in height is installed around the perimeter of the project site prior to construction.</p> <p>c) Signs of at least 1m² in size are attached to fencing at the entrance to the project site and at no less than 50 metre intervals along the fence. These signs must clearly indicate the requirements of condition 8a).</p> <p>d) The relevant supervisor of the person taking the action must record the names of all those required to access areas containing rock art sites inside</p>

Date of decision	Conditions attached to approval
	<p>the Dampier Archipelago (including Burrup Peninsula) National Heritage Place boundary and is able to provide these records if asked to do so by the Department.</p> <p>e) Any impact the action has on the heritage values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place must be reported to the Department in writing within 72 hours. Impacts may include (but will not necessarily be limited to) any impacts caused by construction activity; vandalism perpetrated by personnel involved in plant construction or operations; spillage of potentially corrosive materials into the Dampier Archipelago (including Burrup Peninsula) National Heritage Place; impacts from blasting activity.</p>
As varied on the date this instrument was signed	<p><u>Baseline Air Quality Monitoring</u></p> <p>9. To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must undertake an air quality monitoring program. Under the air quality monitoring program, the person taking the action must:</p> <p>a) Undertake air quality monitoring at three (3) sites as shown in <u>Attachment 2</u>.</p> <ul style="list-style-type: none"> • Site 5 - Burrup Road site • Site 6 - Water tanks site • Site 7 – Hearson Cove Road site. <p>The air quality monitoring must be undertaken for a period of not less than 24 months beginning from the commencement of construction. The results of this monitoring will be used to establish baseline data on levels of:</p> <ul style="list-style-type: none"> • Ammonia (NH₃); • Nitrogen Oxides (NO_x); • Sulphur Oxides (SO_x); and • Total suspended particulates (TSP), including dust at those rock art sites. <p>b) Ensure that the monitoring of air quality at rock art sites is undertaken by a suitably qualified person (Air Quality).</p> <p>c) Ensure air quality readings during the twenty-four (24) months of baseline monitoring are taken at least four (4) times in every 12 months.</p> <p>Note: Conditions 9 d), e) and f) were revoked on 12/7/2017. Requirements to publish air quality data are now in condition 14. The Site 7 location was changed from Deep Gorge to Hearson Cove Road on the date this instrument was signed.</p>
As varied on the date this instrument was signed	<p><u>On-going Air Quality Monitoring</u></p> <p>9A. To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must ensure:</p> <p>a) Ongoing air quality monitoring is undertaken within 30 days after this condition comes into effect (the date the relevant variation to conditions notice is signed), and until expiry of the approval.</p> <p>b) Air quality monitoring parameters are monitored at the rock art sites: Site 5 (Burrup Road), Site 6 (Water tanks site) and Site 7 (Hearson Cove Road site) as shown in <u>Attachment 2</u>.</p>

Date of decision	Conditions attached to approval															
	<p>c) Monitoring of air quality at rock art sites is undertaken by a suitably qualified person (Air Quality).</p> <p>The air quality monitoring parameters in the table below must be monitored at the frequencies indicated in the table below.</p> <table border="1" data-bbox="336 421 1307 842"> <thead> <tr> <th data-bbox="336 421 544 510">Element of air quality to be monitored</th> <th data-bbox="552 421 943 510">Specific air quality parameter to be sampled</th> <th data-bbox="951 421 1307 510">Minimum frequency of monitoring</th> </tr> </thead> <tbody> <tr> <td data-bbox="336 517 544 618" rowspan="3">Ambient air concentration of gases</td> <td data-bbox="552 517 943 551">NH₃ (ammonia)</td> <td data-bbox="951 517 1307 618" rowspan="3">Continuous monitoring for at least 14 consecutive days, every month</td> </tr> <tr> <td data-bbox="552 551 943 584">NO₂ (nitrogen oxide)</td> </tr> <tr> <td data-bbox="552 584 943 618">SO₂ (sulfur oxide)</td> </tr> <tr> <td data-bbox="336 624 544 725">Airborne particulate concentration</td> <td data-bbox="552 624 943 725">Total suspended particulates up to 50 µm (TSP)</td> <td data-bbox="951 624 1307 725">Every 6 days</td> </tr> <tr> <td data-bbox="336 732 544 842" rowspan="2">Deposited dust ○</td> <td data-bbox="552 732 943 788">Total dust deposition per month (Insoluble Fraction)</td> <td data-bbox="951 732 1307 842" rowspan="2">Quarterly</td> </tr> <tr> <td data-bbox="552 788 943 842">Total dust deposition per month (Soluble Fraction)</td> </tr> </tbody> </table>	Element of air quality to be monitored	Specific air quality parameter to be sampled	Minimum frequency of monitoring	Ambient air concentration of gases	NH ₃ (ammonia)	Continuous monitoring for at least 14 consecutive days, every month	NO ₂ (nitrogen oxide)	SO ₂ (sulfur oxide)	Airborne particulate concentration	Total suspended particulates up to 50 µm (TSP)	Every 6 days	Deposited dust ○	Total dust deposition per month (Insoluble Fraction)	Quarterly	Total dust deposition per month (Soluble Fraction)
Element of air quality to be monitored	Specific air quality parameter to be sampled	Minimum frequency of monitoring														
Ambient air concentration of gases	NH ₃ (ammonia)	Continuous monitoring for at least 14 consecutive days, every month														
	NO ₂ (nitrogen oxide)															
	SO ₂ (sulfur oxide)															
Airborne particulate concentration	Total suspended particulates up to 50 µm (TSP)	Every 6 days														
Deposited dust ○	Total dust deposition per month (Insoluble Fraction)	Quarterly														
	Total dust deposition per month (Soluble Fraction)															
Variation dated 12//09/2017	<p><u>Outcomes Relating to Air Emissions</u></p> <p>9B. To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites:</p> <p>a) emissions of air pollutants during operations must not exceed the limits described in a Licence under Part V of the <i>Environmental Protection Act 1986</i> issued by the Western Australian Government.</p> <p>b) if a reporting requirement is triggered for air emissions in the conditions of the Licence issued by the Western Australian Government under Part V of the <i>Environmental Protection Act 1986</i>, the person taking the action must also report to the Department in writing within the same timeframe as reporting is required to be provided to the Western Australian Government.</p>															
Variation dated 12//09/2017	<p><u>Baseline Rock Art Monitoring</u></p> <p>10. To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must participate in monitoring of rock art by:</p> <p>a) Contributing a pro-rata amount annually (in line with that currently utilised by the Western Australian Department of Water and Environmental Regulation, but not exceeding 15,000/year) for a period of not less than two (2) years from the beginning of construction to the Burrup Rock Art Monitoring Program, which is an independent scientific program of monitoring, to detect any changes in patination, including any discolouration, of the surface of the rock art or the surrounding rock surface;</p> <p>b) Note: Condition 10b) was revoked. On-going rock art monitoring is now in condition 10A.</p> <p>c) In addition to the above condition 10(a) requirements, the person taking the action must provide for additional monitoring of rock art sites in a manner that is consistent with the Burrup Rock Art Monitoring Program. The monitoring of additional rock art sites must meet the following requirements:</p> <p>i. Engage a heritage monitor or other suitably qualified person (Heritage) to survey rock art sites within a two (2) kilometre radius of the project site, to provide advice on any changes to the appearance, or cultural value, of rock art sites within the examined area.</p>															

Date of decision	Conditions attached to approval
	<p>ii. The monitoring must be undertaken in a manner that is consistent with and complementary to the monitoring of rock art sites undertaken through the Burrup Rock Art Monitoring Program. If agreed by Department of Water and Environmental Regulation the monitoring of additional rock art sites may be integrated with the Burrup Rock Art Monitoring Program, with the person taking the action providing full contribution to the Department of Water and Environmental Regulation for the additional site monitoring.</p> <p>iii. Prior to undertaking condition 10(c) monitoring, provide the Department with written endorsement from a heritage monitor or other suitably qualified person (Heritage) on the suitability of the rock art monitoring proposed under condition 10(c).</p> <p>iv. Undertake the condition 10(c) rock art monitoring at least once annually, where the first rock art monitoring event must be undertaken within 16 months of the commencement of construction, for a period of not less than two (2) years.</p> <p>v. At least once annually, engage with the Murujuga Aboriginal Corporation in the planning and reporting associated with the annual survey of rock art sites required under condition 10(c).</p> <p>d) Note: Condition 10d) was revoked. Publishing of baseline rock art monitoring is now in condition 14.</p>
Variation dated 12//09/2017	<p><u>On-going Rock Art Monitoring</u></p> <p>10A. To protect the values of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, particularly the rock art sites, the person taking the action must ensure that on-going rock art monitoring is undertaken to identify any changes to the appearance, or cultural value, of rock art sites, as per the requirements below:</p> <p>a) On-going rock art monitoring must be undertaken at the same 6 sites as monitored under condition 10 (or other sites if agreed to in writing by the Minister).</p> <p>b) The first on-going rock art monitoring event must be complete by no later than 31 December 2017. Subsequent rock art monitoring must be undertaken annually (undertaken between 15 July and 15 September) for the life of the approval.</p> <p>c) On-going rock art monitoring must be undertaken by a suitably qualified person (Heritage).</p> <p>d) On-going rock art monitoring must be undertaken either:</p> <ol style="list-style-type: none"> i. by the person taking the action, using a methodology approved by the Minister in writing; or ii. through provision of an annual pro-rata amount for the Burrup Rock Art Monitoring Program or another program administered by the Western Australian Government Department of Water and Environmental Regulation. <p>e) At least once annually, the person taking the action must engage with the Murujuga Aboriginal Corporation in the planning and reporting associated with the on-going annual rock art monitoring.</p>
Variation dated 12//09/2017	<p>11. To protect the Dampier Archipelago (including Burrup Peninsula) National Heritage Place the person taking the action must ensure that there is no measurable impact from air pollutants to any rock art sites within 2km of the boundary of the action, at any time during the life of the approval. This includes measurable changes in patination, including but not limited to: discolouration of</p>

Date of decision	Conditions attached to approval
	the surface of the rock art motif or the surrounding rock surface including patina; or changes that make the rock art site more difficult to interpret (for example a decrease in definition).
Variation dated 12//09/2017	<p>11A. If the Minister is not satisfied that the outcome described in condition 11 is being met, the Minister may request (in writing) that the person taking the action submit a Rock Art Impact Mitigation Review (RAIMR) to the Department for approval by the Minister.</p> <p>a) The RAIMR must:</p> <ul style="list-style-type: none"> i. Be prepared by a suitably qualified person (Heritage) in consultation with a suitably qualified Person (Air Quality); ii. Be submitted within a timeframe specified by the Minister. iii. Include an analysis of the cause or causes of the detected change in the rock art surface; iv. Include a review of operations, including changes to operations to reduce the impact of air emissions on rock art; and v. Include mitigation and management measures to protect rock art sites within 2km of the boundary of the action from further impacts, to meet the requirements of condition 11. <p>If the Minister approves the RAIMR required under this condition, then the approved RAIMR must be implemented.</p>
Variation dated 12//09/2017	<p>11B. If the Minister is not satisfied that the outcome described in condition 11 is being met, or the person taking the action has not submitted a Rock Art Impact Mitigation Review to the satisfaction of the Minister within 6 months of condition 11A coming into force: then the Minister may order (in writing) the person taking the action to reduce air emissions from operations to a level specified by Minister, for a period of time specified by the Minister. The person taking the action must implement any such order.</p>
Variation dated 12//09/2017	<p><u>Other administrative conditions</u></p> <p>12. If the person taking the action wishes to carry out any activity otherwise than in accordance with the management plans specified in conditions 7 and 11A, the person taking the action must submit to the Department for the Ministers written approval a revised version of that management plan. The varied activity shall not commence until the Minister has approved the varied management plan in writing. The Minister will not approve a varied management plan unless the revised management plan would result in an equivalent or improved environmental outcome over time. If the Minister approves the revised management plan that management plan must be implemented in place of the management plan originally approved.</p>
Variation dated 12//09/2017	<p>13. If the Minister believes that it is necessary or convenient for the better protection of the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, listed threatened species and communities and listed migratory species to do so, the Minister may request that the person taking the action make specified revisions to the management plans specified in conditions 7 and 11A and submit the revised management plan for the Ministers written approval. The person taking the action must comply with any such request. The revised approved management plan must be implemented. Unless the Minister has approved the revised management plan, then the person taking the action must continue to implement the management plan originally approved, as specified in the conditions.</p>

Date of decision	Conditions attached to approval
Variation dated 12//09/2017	<p>14. Unless otherwise agreed to in writing by the Minister, the person taking the action must publish on their website, for the life of the approval:</p> <ul style="list-style-type: none"> a) Management plans required under conditions 7 and 11A, within 1 month of being approved. b) A revised version of any management plans required under conditions 7 and 11A, within 1 month of being approved under condition 12 or 13. c) All baseline air quality data collected under condition 9, by 31 October 2017. d) All ongoing air quality monitoring data required under condition 9A, within 3 months of collection of each datum. e) All baseline rock art data or reports relating to condition 10, within 30 days of any data or reports on being provided to the person taking the action. f) All rock art monitoring data or reports relating to on-going rock art monitoring required under condition 10A, within 30 days of the data or reports being provided to the person taking the action.
Original dated 14/09/2011	<p>15. If, at any time after 2 years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence the action without the written agreement of the Minister.</p>

Date of decision	Definitions attached to approval
Variation dated 12//09/2017	<p>Adulticide is any chemical or combination of chemicals designed to prevent the breeding of adult mosquitoes.</p>
Variation dated 12//09/2017	<p>Commissioning means the process by which the operational elements of the facility are tested for example, trailing machines that will be used in operations.</p>
Variation dated 12//09/2017	<p>Approved Class 11 Insecticide is a Microbial disrupter of insect midgut membranes (as identified by CropLife Australia), that has been registered for use in Australia under the <i>Agricultural and Veterinary Chemicals Code Regulations 1995</i>.</p>
Variation dated 12//09/2017	<p>Dampier Archipelago (including Burrup Peninsula) National Heritage Place is a national heritage listed area in the Dampier Archipelago whose location has been defined and values described in the Commonwealth Governments special gazette (No.S.127) dated 3 July 2007.</p>
Variation dated 12//09/2017	<p>Department is the Australian Government Department administrating the <i>Environment Protection and Biodiversity Conservation Act 1999</i>.</p>
Variation dated 12//09/2017	<p>Burrup Rock Art Monitoring Program is the existing Burrup Rock Art Monitoring Program which is administered by the Western Australian Government and financially supported by various Burrup Peninsula industries.</p>
Variation dated 12//09/2017	<p>Larvicide is any chemical or combination of chemicals designed to prevent the hatching or development of larval mosquitoes.</p>
Variation dated 12//09/2017	<p>Minister is the Minister responsible for the <i>Environment Protection and Biodiversity Conservation Act 1999</i>.</p>
Variation dated 12//09/2017	<p>National Heritage management principles are set out in Schedule 5B of the <i>Environment Protection and Biodiversity Conservation Regulation 2000</i> and in an Australian Government publication entitled <i>Australia's National Heritage applying the principles</i> dated June 2008, and published on the</p>

Date of decision	Definitions attached to approval
	<p>Department's website at: https://environment.gov.au/system/files/resources/1e3ca0e7-f855-4502-9243-fe11f60e3656/files/working-together-principles.pdf</p>
Variation dated 12//09/2017	<p>Operations means the normal functioning of the facility, following commissioning, and includes any action that results in production of a saleable volume of product.</p>
Variation dated 12//09/2017	<p>Pro-rata amount is: [for the baseline data under condition 10] defined as the person taking the action contributing 1/6th of the funds for the Burru Rock Art Monitoring Program, with Woodside (2/6th), Rio Tinto (2/6th) and BFPL (1/6th) the other current contributors. As additional industries come on board in the area, the pro-rata amount may change at the discretion of the Western Australian Government and in discussion with all relevant contributing parties. [for the on-going monitoring under condition 10A] defined as an amount that has been determined by the Western Australian Government (Department of Water and Environmental Regulation).</p>
Variation dated 12//09/2017	<p>Rock art sites means manmade structures in the Dampier Archipelago (including Burrup Peninsula) National Heritage Place, of a type mentioned in the National Heritage Place Gazette notice S127 including engravings, etchings, peckings and/or standing stones.</p>
Variation dated 12//09/2017	<p>Statement 594 is the Statement to amend conditions applying to a proposal (pursuant to the provisions of Section 46 of the <i>Environmental Protection Act 1986</i>) (Western Australia), Desalination Water and Seawater Supplies Project, Burrup Peninsula, Shire of Roeburne, Water Corporation, issued 5 June 2002 by the Western Australian Environmental Protection Authority to the Western Australian Minister for the Environment and Heritage.</p>
Variation dated 12//09/2017	<p>Statement 870 is a statement that a proposal may be implemented (pursuant to the provisions of the <i>Environmental Protection Act 1986</i>).</p>
Variation dated 12//09/2017	<p>Suitably qualified person (Air Quality) is a person with at least five (5) years' experience in air quality monitoring, including taking air samples and testing those samples to obtain results.</p>
Variation dated 12//09/2017	<p>Suitably qualified person (Heritage) is a person with at least a bachelor degree with Honours in archaeology or five (5) years' experience in Indigenous heritage or archaeology recognised by a relevant body such as the Australian Association of Consulting Archaeologists.</p>
Variation dated 12//09/2017	<p>Unauthorised access is access by personnel or contractors without written agreement of the manager (of the person taking the action) who is responsible for heritage management.</p>

Date of decision
Variation dated
 12//09/2017

Attachment 1



Attachment 1: Location

Scale 1:10,000
 0 100 200 300 400
 1:10,000
 1:10,000
 1:10,000
 1:10,000

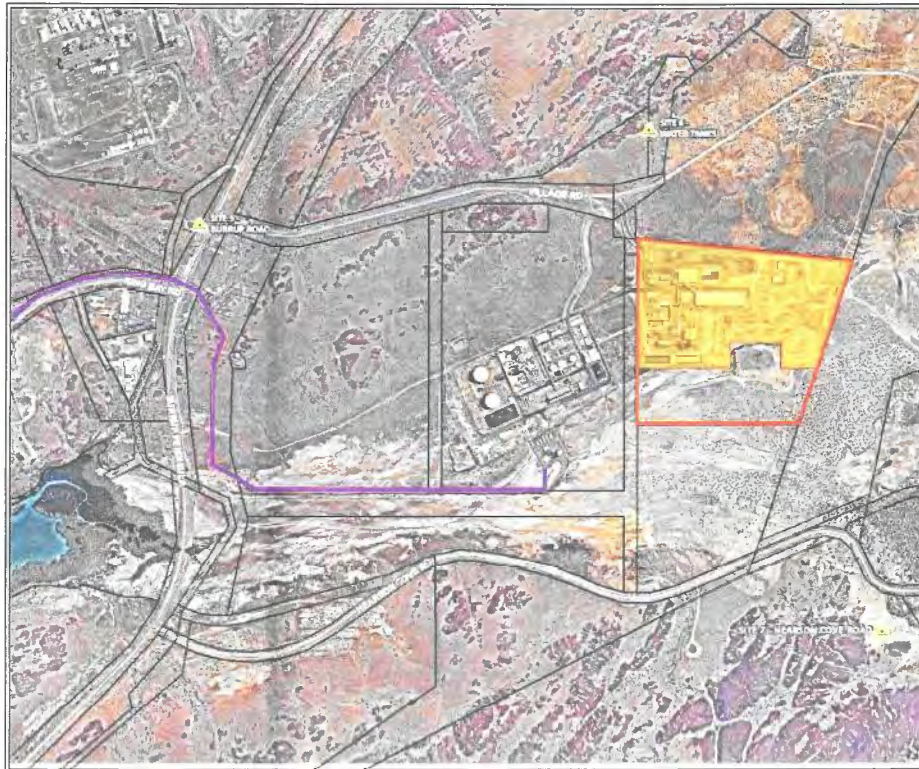
- Legend**
- Site D boundary
 - National heritage
 - Registered aboriginal heritage site



Date of decision

As varied on the date this instrument was signed

Attachment 2



- Legend:
- Site C boundary
 - Area of disturbance The Site
 - Cadastral boundary
 - Pipeline
 - Air quality monitoring sites (offsite)
 - Roads (MRWA)



Job No. 27766

Client: Yara Pilbara Nitrates

Version: A Date: 10/03/2023

Drawn By: dtatcher Checked By: LT

Scale: 1:10,000



PROJECT SITE

ATTACHMENT 2

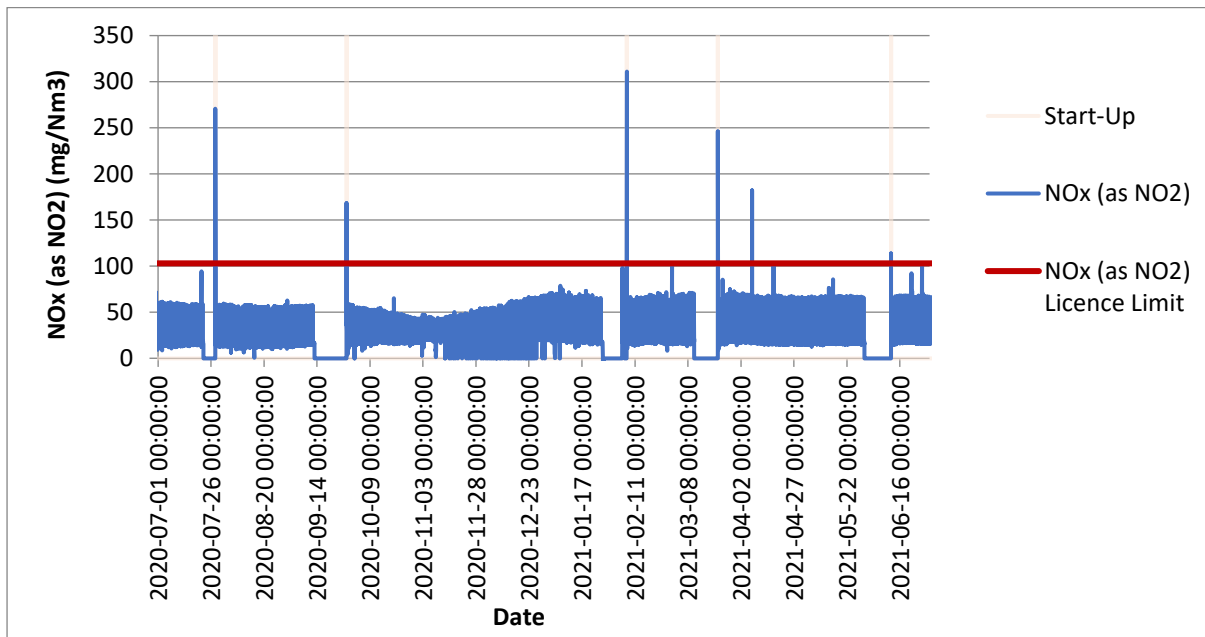


2021 Annual Compliance Report
EPBC 2008/4546
Technical Ammonium Nitrate Plant

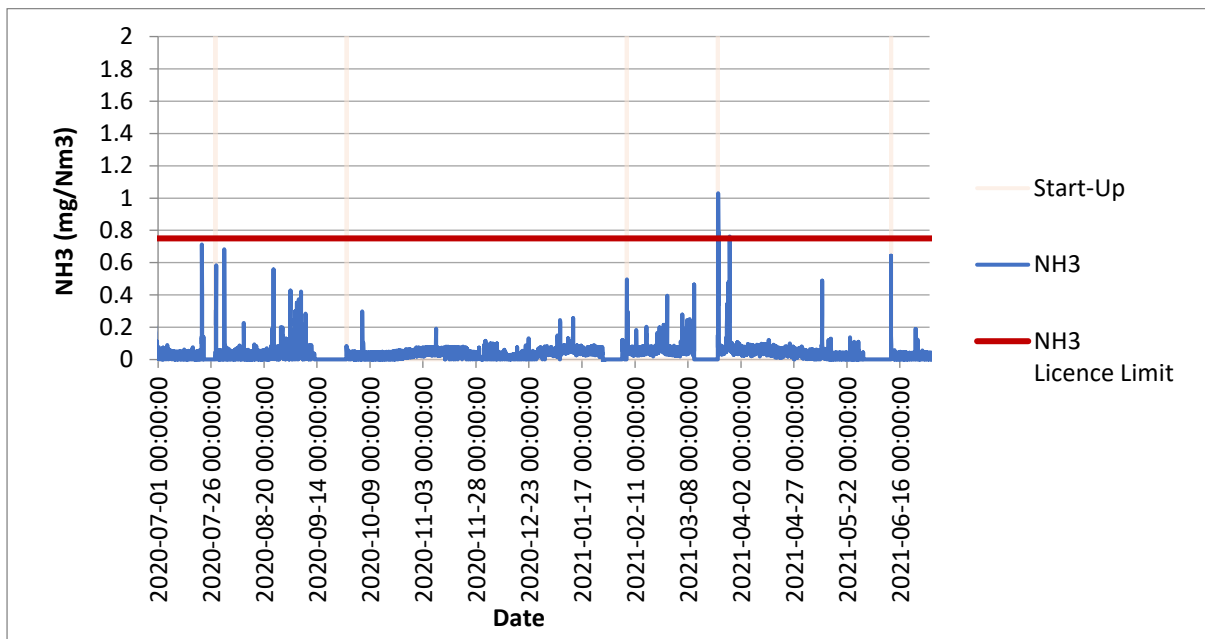
04-10-2021 600-200-ACR-YPN-0010 Rev 0

Attachment 9B(a): Nitric Acid Stack CEMS data (graph and table) and Stack Testing Results 12th and 13th of August 2020, 18th of December 2020 and 30th of March 2021 (Ektimo Quarterly Stack testing)

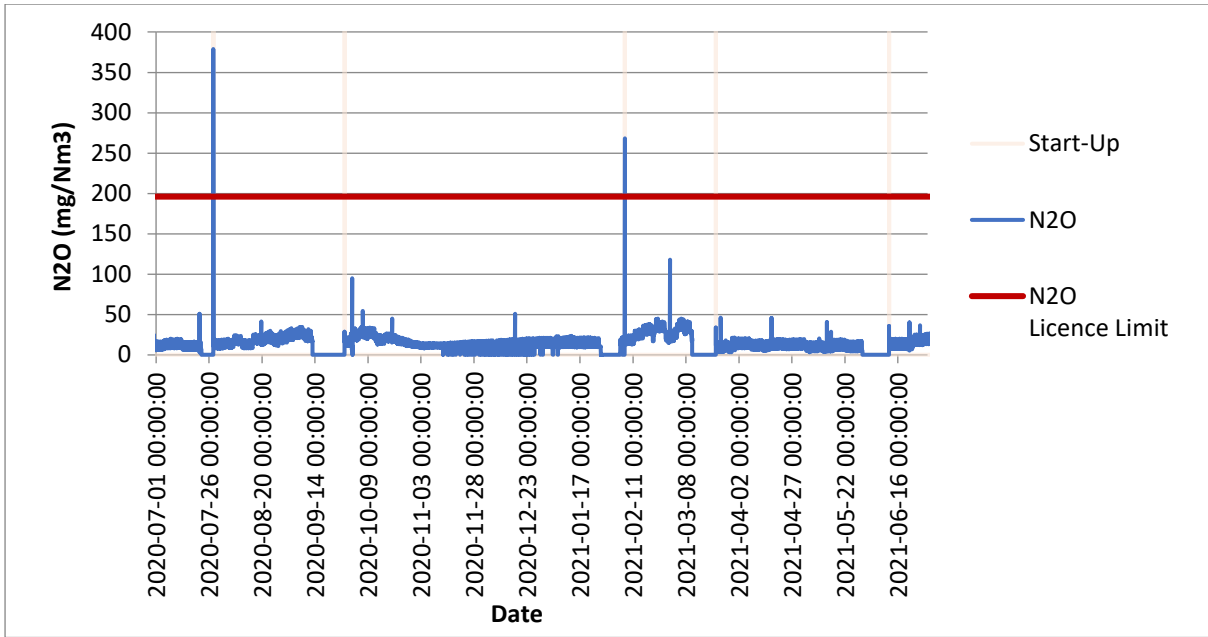
Nitric Acid Stack- CEMS Data



Note: during start-up, normal operational licence limits do not apply (103 mg/m^3). A start-up limit of $1,540 \text{ mg/m}^3$ is applicable for the first two (2) hours (maximum) of start-up.



Note: during start-up, normal operational licence limits do not apply (0.75 mg/m^3). A start-up limit of 11.5 mg/m^3 is applicable for the first two (2) hours (maximum) of start-up.



Note: during start-up, normal operational licence limits do not apply (196 mg/m^3) for the first two (2) hours (maximum) of start-up.

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-01 01:00:01	1	14.66	0.01	6.66
2020-07-01 02:00:01	1	15.28	0.01	6.76
2020-07-01 03:00:01	1	14.77	0.01	6.90
2020-07-01 04:00:01	1	14.81	0.01	6.75
2020-07-01 05:00:01	1	14.69	0.01	6.69
2020-07-01 06:00:01	1	14.88	0.02	6.61
2020-07-01 07:00:01	1	15.09	0.02	6.60
2020-07-01 08:00:01	1	15.99	0.04	6.60
2020-07-01 09:00:01	1	15.39	0.08	6.70
2020-07-01 10:00:01	1	14.91	0.02	6.64
2020-07-01 11:00:01	1	15.13	0.00	6.54
2020-07-01 12:00:01	1	14.48	0.01	6.25
2020-07-01 13:00:01	1	14.74	0.04	6.25
2020-07-01 14:00:01	1	14.55	0.04	6.06
2020-07-01 15:00:01	1	14.59	0.00	6.02
2020-07-01 16:00:01	1	14.52	0.01	6.07
2020-07-01 17:00:01	1	14.40	0.02	6.05
2020-07-01 18:00:01	1	14.70	0.02	6.29
2020-07-01 19:00:01	1	14.75	0.02	6.54
2020-07-01 20:00:01	1	14.46	0.02	6.53
2020-07-01 21:00:01	1	14.37	0.02	6.51
2020-07-01 22:00:01	1	60.72	0.03	16.69
2020-07-01 23:00:01	1	14.79	0.02	6.57
2020-07-02 00:00:01	1	14.76	0.03	6.61
2020-07-02 01:00:01	1	14.72	0.02	6.61
2020-07-02 02:00:01	1	14.85	0.02	6.65
2020-07-02 03:00:01	1	14.93	0.02	6.77
2020-07-02 04:00:01	1	15.03	0.02	6.65
2020-07-02 05:00:01	1	15.91	0.02	6.71
2020-07-02 06:00:01	1	14.75	0.02	6.61
2020-07-02 07:00:01	1	14.54	0.01	6.61
2020-07-02 08:00:01	1	14.42	0.01	6.58
2020-07-02 09:00:01	1	14.45	0.05	6.39
2020-07-02 10:00:01	1	15.74	0.00	6.49
2020-07-02 11:00:01	1	14.22	0.03	6.36
2020-07-02 12:00:01	1	14.74	0.04	6.27
2020-07-02 13:00:01	1	14.17	0.03	6.24
2020-07-02 14:00:01	1	14.29	0.02	6.26
2020-07-02 15:00:01	1	14.07	0.04	6.24
2020-07-02 16:00:01	1	14.18	0.01	6.22
2020-07-02 17:00:01	1	14.10	0.00	6.22
2020-07-02 18:00:01	1	13.82	0.00	6.22
2020-07-02 19:00:01	1	13.79	0.00	6.38
2020-07-02 20:00:01	1	12.94	0.01	6.44
2020-07-02 21:00:01	1	8.61	0.02	6.59
2020-07-02 22:00:01	1	61.32	0.02	16.61

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-02 23:00:01	1	14.90	0.03	6.43
2020-07-03 00:00:01	1	14.32	0.03	6.49
2020-07-03 01:00:01	1	13.97	0.02	6.54
2020-07-03 02:00:01	1	14.13	0.02	6.48
2020-07-03 03:00:01	1	16.29	0.01	6.46
2020-07-03 04:00:01	1	14.90	0.01	6.44
2020-07-03 05:00:01	1	14.80	0.01	6.49
2020-07-03 06:00:01	1	14.39	0.00	6.45
2020-07-03 07:00:01	1	14.33	0.01	6.46
2020-07-03 08:00:01	1	14.04	0.03	6.46
2020-07-03 09:00:01	1	14.75	0.07	6.40
2020-07-03 10:00:01	1	14.15	0.03	6.47
2020-07-03 11:00:01	1	14.43	0.04	6.42
2020-07-03 12:00:01	1	13.84	0.02	6.37
2020-07-03 13:00:01	1	15.25	0.02	6.27
2020-07-03 14:00:01	1	13.72	0.02	6.25
2020-07-03 15:00:01	1	13.79	0.01	6.23
2020-07-03 16:00:01	1	13.79	0.01	6.24
2020-07-03 17:00:01	1	13.56	0.00	6.25
2020-07-03 18:00:01	1	13.48	0.00	6.38
2020-07-03 19:00:01	1	13.54	0.00	6.45
2020-07-03 20:00:01	1	13.35	0.00	6.67
2020-07-03 21:00:01	1	13.99	0.01	6.69
2020-07-03 22:00:01	1	59.83	0.02	16.75
2020-07-03 23:00:01	1	14.29	0.03	7.00
2020-07-04 00:00:01	1	14.81	0.03	6.90
2020-07-04 01:00:01	1	14.71	0.02	6.86
2020-07-04 02:00:01	1	14.24	0.01	6.88
2020-07-04 03:00:01	1	14.04	0.01	6.91
2020-07-04 04:00:01	1	13.99	0.01	6.95
2020-07-04 05:00:01	1	15.55	0.01	7.04
2020-07-04 06:00:01	1	14.17	0.01	7.06
2020-07-04 07:00:01	1	14.25	0.01	7.06
2020-07-04 08:00:01	1	14.86	0.01	7.06
2020-07-04 09:00:01	1	14.36	0.07	6.99
2020-07-04 10:00:01	1	14.22	0.05	6.93
2020-07-04 11:00:01	1	14.51	0.06	6.85
2020-07-04 12:00:01	1	13.91	0.05	6.74
2020-07-04 13:00:01	1	15.03	0.04	7.03
2020-07-04 14:00:01	1	13.45	0.04	6.90
2020-07-04 15:00:01	1	13.82	0.01	6.90
2020-07-04 16:00:01	1	14.64	0.00	6.91
2020-07-04 17:00:01	1	14.51	0.01	7.09
2020-07-04 18:00:01	1	14.22	0.02	7.19
2020-07-04 19:00:01	1	14.02	0.01	7.34
2020-07-04 20:00:01	1	14.45	0.01	7.49

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-04 21:00:01	1	16.13	0.01	7.51
2020-07-04 22:00:01	1	59.23	0.01	17.89
2020-07-04 23:00:01	1	13.65	0.01	7.63
2020-07-05 00:00:01	1	13.79	0.02	7.57
2020-07-05 01:00:01	1	13.94	0.02	7.63
2020-07-05 02:00:01	1	14.47	0.03	7.53
2020-07-05 03:00:01	1	15.39	0.02	7.68
2020-07-05 04:00:01	1	14.99	0.03	8.23
2020-07-05 05:00:01	1	14.73	0.02	8.33
2020-07-05 06:00:01	1	14.42	0.01	8.43
2020-07-05 07:00:01	1	14.49	0.01	8.59
2020-07-05 08:00:01	1	15.29	0.01	8.49
2020-07-05 09:00:01	1	17.44	0.09	8.55
2020-07-05 10:00:01	1	14.37	0.04	8.65
2020-07-05 11:00:01	1	14.64	0.07	8.56
2020-07-05 12:00:01	1	14.95	0.06	8.45
2020-07-05 13:00:01	1	14.56	0.04	8.39
2020-07-05 14:00:01	1	14.72	0.04	8.22
2020-07-05 15:00:01	1	13.96	0.04	8.17
2020-07-05 16:00:01	1	14.10	0.02	8.15
2020-07-05 17:00:01	1	13.97	0.00	8.12
2020-07-05 18:00:01	1	13.94	0.00	8.21
2020-07-05 19:00:01	1	13.98	0.00	8.23
2020-07-05 20:00:01	1	14.68	0.01	8.26
2020-07-05 21:00:01	1	12.25	0.01	8.43
2020-07-05 22:00:01	1	60.17	0.02	18.64
2020-07-05 23:00:01	1	15.09	0.02	8.71
2020-07-06 00:00:01	1	14.65	0.02	8.75
2020-07-06 01:00:01	1	14.44	0.01	8.74
2020-07-06 02:00:01	1	14.54	0.01	8.76
2020-07-06 03:00:01	1	14.42	0.01	8.77
2020-07-06 04:00:01	1	14.29	0.02	8.76
2020-07-06 05:00:01	1	14.76	0.02	8.81
2020-07-06 06:00:01	1	14.34	0.02	8.79
2020-07-06 07:00:01	1	14.43	0.01	8.80
2020-07-06 08:00:01	1	14.25	0.00	8.71
2020-07-06 09:00:01	1	13.75	0.06	8.56
2020-07-06 10:00:01	1	14.69	0.03	8.60
2020-07-06 11:00:01	1	14.18	0.03	8.45
2020-07-06 12:00:01	1	14.70	0.06	8.46
2020-07-06 13:00:01	1	14.22	0.03	8.33
2020-07-06 14:00:01	1	14.71	0.04	8.24
2020-07-06 15:00:01	1	13.83	0.03	8.22
2020-07-06 16:00:01	1	14.31	0.02	8.23
2020-07-06 17:00:01	1	13.99	0.00	8.23
2020-07-06 18:00:01	1	13.75	0.00	8.37

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-06 19:00:01	1	13.76	0.00	8.60
2020-07-06 20:00:01	1	14.64	0.01	8.75
2020-07-06 21:00:01	1	16.39	0.02	8.78
2020-07-06 22:00:01	1	60.91	0.02	18.76
2020-07-06 23:00:01	1	15.36	0.01	8.86
2020-07-07 00:00:01	1	16.22	0.01	8.78
2020-07-07 01:00:01	1	15.95	0.01	8.82
2020-07-07 02:00:01	1	17.16	0.01	8.89
2020-07-07 03:00:01	1	16.21	0.01	8.83
2020-07-07 04:00:01	1	15.11	0.01	8.80
2020-07-07 05:00:01	1	16.47	0.01	8.76
2020-07-07 06:00:01	1	14.19	0.02	8.65
2020-07-07 07:00:01	1	14.44	0.01	8.67
2020-07-07 08:00:01	1	13.76	0.00	8.76
2020-07-07 09:00:01	1	10.84	0.05	8.78
2020-07-07 10:00:01	1	14.48	0.04	8.79
2020-07-07 11:00:01	1	14.87	0.04	8.50
2020-07-07 12:00:01	1	14.44	0.03	8.44
2020-07-07 13:00:01	1	14.49	0.03	8.44
2020-07-07 14:00:01	1	14.40	0.03	8.43
2020-07-07 15:00:01	1	14.47	0.01	8.21
2020-07-07 16:00:01	1	14.46	0.00	8.18
2020-07-07 17:00:01	1	14.39	0.01	8.24
2020-07-07 18:00:01	1	14.37	0.02	8.38
2020-07-07 19:00:01	1	14.06	0.00	8.55
2020-07-07 20:00:01	1	14.88	0.01	9.35
2020-07-07 21:00:01	1	17.26	0.01	9.33
2020-07-07 22:00:01	1	59.35	0.02	19.88
2020-07-07 23:00:01	1	14.22	0.01	9.70
2020-07-08 00:00:01	1	14.27	0.00	9.56
2020-07-08 01:00:01	1	14.60	0.00	9.41
2020-07-08 02:00:01	1	14.12	0.00	9.26
2020-07-08 03:00:01	1	13.63	0.00	9.48
2020-07-08 04:00:01	1	14.56	0.01	9.94
2020-07-08 05:00:01	1	14.14	0.01	9.99
2020-07-08 06:00:01	1	14.64	0.01	9.90
2020-07-08 07:00:01	1	14.05	0.01	9.86
2020-07-08 08:00:01	1	13.38	0.00	9.73
2020-07-08 09:00:01	1	13.95	0.05	9.63
2020-07-08 10:00:01	1	14.32	0.02	9.56
2020-07-08 11:00:01	1	13.11	0.04	9.57
2020-07-08 12:00:01	1	13.95	0.04	9.38
2020-07-08 13:00:01	1	14.80	0.04	9.32
2020-07-08 14:00:01	1	14.41	0.03	9.12
2020-07-08 15:00:01	1	14.40	0.00	9.00
2020-07-08 16:00:01	1	14.68	0.00	8.77

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-08 17:00:01	1	14.01	0.02	8.82
2020-07-08 18:00:01	1	14.29	0.02	9.15
2020-07-08 19:00:01	1	14.63	0.01	9.38
2020-07-08 20:00:01	1	13.74	0.01	9.27
2020-07-08 21:00:01	1	12.68	0.00	9.19
2020-07-08 22:00:01	1	58.82	0.00	19.32
2020-07-08 23:00:01	1	14.25	0.00	9.24
2020-07-09 00:00:01	1	14.48	0.00	9.22
2020-07-09 01:00:01	1	13.86	0.00	9.12
2020-07-09 02:00:01	1	14.06	0.00	9.08
2020-07-09 03:00:01	1	14.36	0.00	8.89
2020-07-09 04:00:01	1	14.69	0.00	8.90
2020-07-09 05:00:01	1	14.84	0.00	8.95
2020-07-09 06:00:01	1	15.04	0.00	9.09
2020-07-09 07:00:01	1	13.93	0.01	9.60
2020-07-09 08:00:01	1	14.24	0.00	10.26
2020-07-09 09:00:01	1	12.04	0.05	8.91
2020-07-09 10:00:01	1	14.69	0.01	8.74
2020-07-09 11:00:01	1	14.30	0.05	8.64
2020-07-09 12:00:01	1	14.63	0.04	8.33
2020-07-09 13:00:01	1	13.78	0.03	8.39
2020-07-09 14:00:01	1	13.36	0.01	8.34
2020-07-09 15:00:01	1	13.49	0.01	8.13
2020-07-09 16:00:01	1	13.63	0.01	8.11
2020-07-09 17:00:01	1	14.29	0.02	8.22
2020-07-09 18:00:01	1	14.57	0.01	8.48
2020-07-09 19:00:01	1	14.25	0.00	8.77
2020-07-09 20:00:01	1	13.14	0.00	8.97
2020-07-09 21:00:01	1	12.38	0.01	9.17
2020-07-09 22:00:01	1	60.19	0.01	19.20
2020-07-09 23:00:01	1	14.35	0.00	9.17
2020-07-10 00:00:01	1	14.42	0.01	9.22
2020-07-10 01:00:01	1	14.45	0.01	9.14
2020-07-10 02:00:01	1	14.25	0.01	9.56
2020-07-10 03:00:01	1	14.42	0.01	9.98
2020-07-10 04:00:01	1	22.11	0.02	9.98
2020-07-10 05:00:01	1	15.17	0.01	9.79
2020-07-10 06:00:01	1	14.18	0.01	10.04
2020-07-10 07:00:01	1	14.29	0.01	10.46
2020-07-10 08:00:01	1	15.19	0.00	10.47
2020-07-10 09:00:01	1	14.99	0.05	10.31
2020-07-10 10:00:01	1	14.54	0.00	10.09
2020-07-10 11:00:01	1	14.79	0.00	9.89
2020-07-10 12:00:01	1	14.19	0.00	9.59
2020-07-10 13:00:01	1	13.94	0.01	9.22
2020-07-10 14:00:01	1	13.91	0.03	9.05

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-10 15:00:01	1	13.60	0.03	8.86
2020-07-10 16:00:01	1	13.71	0.02	8.53
2020-07-10 17:00:01	1	13.82	0.01	8.22
2020-07-10 18:00:01	1	14.29	0.01	8.37
2020-07-10 19:00:01	1	14.03	0.01	8.56
2020-07-10 20:00:01	1	14.30	0.01	9.21
2020-07-10 21:00:01	1	14.36	0.01	9.56
2020-07-10 22:00:01	1	59.42	0.01	19.82
2020-07-10 23:00:01	1	13.80	0.01	9.54
2020-07-11 00:00:01	1	13.84	0.01	9.32
2020-07-11 01:00:01	1	13.95	0.00	9.06
2020-07-11 02:00:01	1	14.06	0.00	8.96
2020-07-11 03:00:01	1	13.80	0.00	8.92
2020-07-11 04:00:01	1	13.63	0.01	9.04
2020-07-11 05:00:01	1	14.03	0.00	8.99
2020-07-11 06:00:01	1	13.47	0.00	9.06
2020-07-11 07:00:01	1	13.57	0.00	9.10
2020-07-11 08:00:01	1	13.71	0.00	9.14
2020-07-11 09:00:01	1	15.21	0.05	9.05
2020-07-11 10:00:01	1	13.58	0.02	9.02
2020-07-11 11:00:01	1	13.94	0.02	8.88
2020-07-11 12:00:01	1	13.43	0.04	8.88
2020-07-11 13:00:01	1	14.80	0.04	8.95
2020-07-11 14:00:01	1	13.30	0.04	8.89
2020-07-11 15:00:01	1	13.93	0.04	8.88
2020-07-11 16:00:01	1	13.31	0.02	8.91
2020-07-11 17:00:01	1	14.02	0.00	8.85
2020-07-11 18:00:01	1	13.46	0.00	8.90
2020-07-11 19:00:01	1	13.33	0.00	8.96
2020-07-11 20:00:01	1	13.13	0.00	9.24
2020-07-11 21:00:01	1	13.16	0.01	9.19
2020-07-11 22:00:01	1	58.96	0.00	19.48
2020-07-11 23:00:01	1	13.46	0.00	9.15
2020-07-12 00:00:01	1	13.54	0.00	9.02
2020-07-12 01:00:01	1	13.90	0.00	8.99
2020-07-12 02:00:01	1	14.11	0.00	9.09
2020-07-12 03:00:01	1	14.19	0.00	9.08
2020-07-12 04:00:01	1	14.88	0.00	9.09
2020-07-12 05:00:01	1	14.65	0.00	9.12
2020-07-12 06:00:01	1	13.96	0.00	9.10
2020-07-12 07:00:01	1	13.95	0.00	9.23
2020-07-12 08:00:01	1	14.10	0.00	9.25
2020-07-12 09:00:01	1	15.20	0.05	9.13
2020-07-12 10:00:01	1	13.97	0.01	9.14
2020-07-12 11:00:01	1	13.55	0.02	8.92
2020-07-12 12:00:01	1	13.85	0.01	8.83

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-12 13:00:01	1	14.64	0.01	8.76
2020-07-12 14:00:01	1	13.28	0.02	8.61
2020-07-12 15:00:01	1	13.65	0.02	8.60
2020-07-12 16:00:01	1	13.64	0.02	8.50
2020-07-12 17:00:01	1	13.65	0.00	8.51
2020-07-12 18:00:01	1	13.53	0.00	8.66
2020-07-12 19:00:01	1	13.51	0.00	8.75
2020-07-12 20:00:01	1	13.33	0.00	9.14
2020-07-12 21:00:01	1	14.52	0.00	9.15
2020-07-12 22:00:01	1	58.89	0.00	19.02
2020-07-12 23:00:01	1	13.98	0.01	9.20
2020-07-13 00:00:01	1	14.23	0.00	8.92
2020-07-13 01:00:01	1	13.61	0.00	9.18
2020-07-13 02:00:01	1	13.69	0.00	9.13
2020-07-13 03:00:01	1	14.02	0.00	9.11
2020-07-13 04:00:01	1	13.81	0.01	9.11
2020-07-13 05:00:01	1	14.11	0.00	9.10
2020-07-13 06:00:01	1	14.09	0.01	9.03
2020-07-13 07:00:01	1	14.24	0.00	8.99
2020-07-13 08:00:01	1	13.95	0.00	8.99
2020-07-13 09:00:01	1	14.01	0.06	9.02
2020-07-13 10:00:01	1	14.40	0.05	8.80
2020-07-13 11:00:01	1	14.78	0.05	7.62
2020-07-13 12:00:01	1	14.90	0.03	7.06
2020-07-13 13:00:01	1	14.99	0.02	6.45
2020-07-13 14:00:01	1	15.98	0.03	6.37
2020-07-13 15:00:01	1	14.75	0.02	6.37
2020-07-13 16:00:01	1	14.44	0.02	6.36
2020-07-13 17:00:01	1	14.35	0.01	6.34
2020-07-13 18:00:01	1	14.29	0.00	6.34
2020-07-13 19:00:01	1	14.78	0.00	6.52
2020-07-13 20:00:01	1	14.78	0.00	6.67
2020-07-13 21:00:01	1	17.97	0.00	6.65
2020-07-13 22:00:01	1	58.35	0.00	16.22
2020-07-13 23:00:01	1	15.61	0.00	6.67
2020-07-14 00:00:01	1	14.78	0.00	6.59
2020-07-14 01:00:01	1	14.95	0.00	6.53
2020-07-14 02:00:01	1	15.26	0.00	6.64
2020-07-14 03:00:01	1	16.53	0.00	6.68
2020-07-14 04:00:01	1	15.70	0.00	6.67
2020-07-14 05:00:01	1	16.04	0.00	6.71
2020-07-14 06:00:01	1	14.97	0.00	6.64
2020-07-14 07:00:01	1	15.21	0.00	6.68
2020-07-14 08:00:01	1	15.98	0.00	6.70
2020-07-14 09:00:01	1	15.10	0.05	6.59
2020-07-14 10:00:01	1	14.77	0.02	6.57

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-14 11:00:01	1	14.22	0.03	6.41
2020-07-14 12:00:01	1	14.59	0.03	6.34
2020-07-14 13:00:01	1	14.53	0.04	6.28
2020-07-14 14:00:01	1	14.46	0.03	6.29
2020-07-14 15:00:01	1	14.48	0.01	6.13
2020-07-14 16:00:01	1	14.46	0.00	6.28
2020-07-14 17:00:01	1	14.30	0.00	6.52
2020-07-14 18:00:01	1	14.42	0.00	6.45
2020-07-14 19:00:01	1	14.05	0.00	6.48
2020-07-14 20:00:01	1	14.56	0.00	6.48
2020-07-14 21:00:01	1	15.41	0.00	6.53
2020-07-14 22:00:01	1	57.59	0.00	15.98
2020-07-14 23:00:01	1	14.51	0.00	6.51
2020-07-15 00:00:01	1	14.54	0.00	6.54
2020-07-15 01:00:01	1	14.90	0.00	6.60
2020-07-15 02:00:01	1	14.48	0.00	6.55
2020-07-15 03:00:01	1	14.65	0.00	6.50
2020-07-15 04:00:01	1	14.21	0.00	6.50
2020-07-15 05:00:01	1	15.36	0.00	6.53
2020-07-15 06:00:01	1	14.57	0.00	6.50
2020-07-15 07:00:01	1	14.69	0.00	6.60
2020-07-15 08:00:01	1	15.45	0.00	6.67
2020-07-15 09:00:01	1	14.87	0.05	6.60
2020-07-15 10:00:01	1	13.82	0.02	6.56
2020-07-15 11:00:01	1	13.90	0.03	6.48
2020-07-15 12:00:01	1	13.55	0.03	6.37
2020-07-15 13:00:01	1	13.34	0.03	6.26
2020-07-15 14:00:01	1	13.74	0.02	6.23
2020-07-15 15:00:01	1	13.40	0.03	6.17
2020-07-15 16:00:01	1	13.66	0.01	6.28
2020-07-15 17:00:01	1	13.46	0.00	6.28
2020-07-15 18:00:01	1	13.10	0.00	6.30
2020-07-15 19:00:01	1	13.10	0.00	6.32
2020-07-15 20:00:01	1	14.16	0.00	6.34
2020-07-15 21:00:01	1	13.60	0.00	6.37
2020-07-15 22:00:01	1	56.68	0.00	15.90
2020-07-15 23:00:01	1	14.24	0.00	6.53
2020-07-16 00:00:01	1	14.37	0.03	6.59
2020-07-16 01:00:01	1	14.36	0.01	6.56
2020-07-16 02:00:01	1	14.42	0.01	6.64
2020-07-16 03:00:01	1	14.75	0.01	6.66
2020-07-16 04:00:01	1	15.08	0.00	6.58
2020-07-16 05:00:01	1	14.51	0.00	6.61
2020-07-16 06:00:01	1	14.45	0.00	6.54
2020-07-16 07:00:01	1	14.36	0.00	6.59
2020-07-16 08:00:01	1	15.02	0.00	6.57

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-16 09:00:01	1	15.50	0.06	6.55
2020-07-16 10:00:01	1	15.03	0.02	6.50
2020-07-16 11:00:01	1	14.53	0.02	6.33
2020-07-16 12:00:01	1	14.96	0.03	6.32
2020-07-16 13:00:01	1	15.51	0.02	6.35
2020-07-16 14:00:01	1	14.99	0.02	6.27
2020-07-16 15:00:01	1	15.14	0.02	6.12
2020-07-16 16:00:01	1	15.27	0.00	6.13
2020-07-16 17:00:01	1	14.87	0.00	6.14
2020-07-16 18:00:01	1	15.01	0.00	6.29
2020-07-16 19:00:01	1	15.54	0.00	6.33
2020-07-16 20:00:01	1	15.39	0.00	6.33
2020-07-16 21:00:01	1	15.58	0.00	6.37
2020-07-16 22:00:01	1	58.86	0.00	15.93
2020-07-16 23:00:01	1	15.78	0.00	6.54
2020-07-17 00:00:01	1	16.19	0.00	6.56
2020-07-17 01:00:01	1	16.90	0.00	6.67
2020-07-17 02:00:01	1	16.03	0.00	6.67
2020-07-17 03:00:01	1	16.04	0.00	6.67
2020-07-17 04:00:01	1	16.14	0.05	6.68
2020-07-17 05:00:01	1	16.05	0.07	6.67
2020-07-17 06:00:01	1	16.11	0.02	6.67
2020-07-17 07:00:01	1	16.28	0.03	6.67
2020-07-17 08:00:01	1	15.75	0.04	6.68
2020-07-17 09:00:01	1	15.76	0.08	6.57
2020-07-17 10:00:01	1	15.42	0.07	6.55
2020-07-17 11:00:01	1	15.97	0.05	6.49
2020-07-17 12:00:01	1	15.38	0.05	6.34
2020-07-17 13:00:01	1	15.56	0.03	6.29
2020-07-17 14:00:01	1	14.84	0.02	6.29
2020-07-17 15:00:01	1	14.33	0.01	6.16
2020-07-17 16:00:01	1	14.93	0.00	6.31
2020-07-17 17:00:01	1	15.75	0.00	6.38
2020-07-17 18:00:01	1	15.60	0.00	6.31
2020-07-17 19:00:01	1	15.59	0.00	6.38
2020-07-17 20:00:01	1	15.89	0.00	6.49
2020-07-17 21:00:01	1	15.81	0.00	6.45
2020-07-17 22:00:01	1	58.60	0.00	16.22
2020-07-17 23:00:01	1	15.93	0.00	6.59
2020-07-18 00:00:01	1	15.63	0.00	6.64
2020-07-18 01:00:01	1	15.57	0.00	6.57
2020-07-18 02:00:01	1	15.47	0.00	6.63
2020-07-18 03:00:01	1	15.50	0.00	6.67
2020-07-18 04:00:01	1	15.42	0.00	6.78
2020-07-18 05:00:01	1	15.25	0.00	6.72
2020-07-18 06:00:01	1	14.84	0.00	6.53

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-18 07:00:01	1	15.18	0.00	6.65
2020-07-18 08:00:01	1	15.74	0.00	6.61
2020-07-18 09:00:01	1	20.01	0.05	6.48
2020-07-18 10:00:01	1	15.73	0.00	6.56
2020-07-18 11:00:01	1	15.12	0.00	6.53
2020-07-18 12:00:01	1	15.42	0.00	6.51
2020-07-18 13:00:01	1	15.85	0.00	6.60
2020-07-18 14:00:01	1	15.58	0.00	6.55
2020-07-18 15:00:01	1	15.59	0.01	6.67
2020-07-18 16:00:01	1	15.82	0.01	6.65
2020-07-18 17:00:01	1	15.56	0.01	6.87
2020-07-18 18:00:01	1	15.89	0.00	6.87
2020-07-18 19:00:01	1	16.25	0.00	6.91
2020-07-18 20:00:01	1	16.21	0.00	6.86
2020-07-18 21:00:01	1	16.17	0.00	6.83
2020-07-18 22:00:01	1	58.97	0.00	16.37
2020-07-18 23:00:01	1	16.76	0.00	6.87
2020-07-19 00:00:01	1	16.88	0.00	6.91
2020-07-19 01:00:01	1	16.15	0.00	6.86
2020-07-19 02:00:01	1	15.91	0.00	6.88
2020-07-19 03:00:01	1	15.63	0.00	6.80
2020-07-19 04:00:01	1	15.62	0.01	6.67
2020-07-19 05:00:01	1	16.00	0.00	6.75
2020-07-19 06:00:01	1	14.39	0.00	6.71
2020-07-19 07:00:01	1	14.19	0.00	6.83
2020-07-19 08:00:01	1	14.96	0.00	6.89
2020-07-19 09:00:01	1	15.19	0.05	6.84
2020-07-19 10:00:01	1	15.79	0.01	6.79
2020-07-19 11:00:01	1	15.06	0.04	6.66
2020-07-19 12:00:01	1	14.92	0.02	6.60
2020-07-19 13:00:01	1	16.31	0.02	6.49
2020-07-19 14:00:01	1	14.47	0.00	6.48
2020-07-19 15:00:01	1	14.30	0.00	6.36
2020-07-19 16:00:01	1	14.23	0.00	6.43
2020-07-19 17:00:01	1	14.32	0.00	6.55
2020-07-19 18:00:01	1	14.08	0.00	6.61
2020-07-19 19:00:01	1	14.29	0.00	6.75
2020-07-19 20:00:01	1	14.55	0.00	6.64
2020-07-19 21:00:01	1	16.31	0.00	6.69
2020-07-19 22:00:01	1	57.74	0.00	16.04
2020-07-19 23:00:01	1	15.00	0.00	6.68
2020-07-20 00:00:01	1	15.18	0.01	6.66
2020-07-20 01:00:01	1	15.14	0.00	6.70
2020-07-20 02:00:01	1	15.29	0.00	6.70
2020-07-20 03:00:01	1	16.21	0.00	6.69
2020-07-20 04:00:01	1	15.64	0.00	6.77

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-20 05:00:01	1	15.85	0.00	6.86
2020-07-20 06:00:01	1	15.67	0.00	6.88
2020-07-20 07:00:01	1	15.93	0.00	6.89
2020-07-20 08:00:01	1	17.16	0.01	6.90
2020-07-20 09:00:01	1	18.82	0.06	6.85
2020-07-20 10:00:01	1	15.85	0.01	6.73
2020-07-20 11:00:01	1	15.59	0.01	6.70
2020-07-20 12:00:01	1	15.38	0.02	6.67
2020-07-20 13:00:01	1	16.38	0.03	6.61
2020-07-20 14:00:01	1	15.16	0.00	6.49
2020-07-20 15:00:01	1	15.02	0.00	6.45
2020-07-20 16:00:01	1	14.99	0.00	6.33
2020-07-20 17:00:01	1	14.79	0.02	6.35
2020-07-20 18:00:01	1	14.45	0.02	6.52
2020-07-20 19:00:01	1	14.62	0.00	6.53
2020-07-20 20:00:01	1	14.70	0.00	6.54
2020-07-20 21:00:01	1	16.27	0.00	6.50
2020-07-20 22:00:01	1	58.44	0.00	15.96
2020-07-20 23:00:01	1	15.35	0.00	6.73
2020-07-21 00:00:01	1	15.37	0.00	6.74
2020-07-21 01:00:01	1	15.44	0.00	6.73
2020-07-21 02:00:01	1	15.64	0.00	6.71
2020-07-21 03:00:01	1	15.90	0.00	6.71
2020-07-21 04:00:01	1	17.65	0.00	6.77
2020-07-21 05:00:01	1	15.69	0.00	6.84
2020-07-21 06:00:01	1	15.82	0.00	6.87
2020-07-21 07:00:01	1	16.78	0.00	6.89
2020-07-21 08:00:01	1	16.14	0.00	6.92
2020-07-21 09:00:01	1	15.73	0.06	6.71
2020-07-21 10:00:01	1	15.49	0.02	6.75
2020-07-21 11:00:01	1	94.49	0.02	3.12
2020-07-21 12:00:01	1	12.58	0.02	51.01
2020-07-21 13:00:01	1	15.24	0.14	6.53
2020-07-21 14:00:01	1	15.79	0.14	6.52
2020-07-21 15:00:01	1	14.99	0.10	6.38
2020-07-21 16:00:01	1	15.54	0.38	6.37
2020-07-21 17:00:01	1	15.41	0.71	6.37
2020-07-21 18:00:01	1	15.38	0.39	6.46
2020-07-21 19:00:01	1	15.75	0.00	6.72
2020-07-21 20:00:01	1	16.51	0.00	6.69
2020-07-21 21:00:01	1	17.73	0.00	6.73
2020-07-21 22:00:01	1	59.13	0.00	16.23
2020-07-21 23:00:01	1	15.98	0.00	6.90
2020-07-22 00:00:01	1	16.01	0.00	6.91
2020-07-22 01:00:01	1	16.09	0.00	6.89
2020-07-22 02:00:01	1	16.05	0.00	6.89

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-22 03:00:01	1	16.13	0.00	6.89
2020-07-22 04:00:01	1	18.31	0.00	6.89
2020-07-22 05:00:01	1	18.26	0.00	6.90
2020-07-22 06:00:01	1	16.60	0.00	6.90
2020-07-22 07:00:01	1	16.19	0.00	6.90
2020-07-22 08:00:01	1	15.90	0.00	6.90
2020-07-22 09:00:01	1	15.45	0.14	6.85
2020-07-22 10:00:01	0.060277778	0.00	0.00	0.00
2020-07-22 11:00:01	0	0.00	0.00	0.00
2020-07-22 12:00:01	0	0.00	0.00	0.00
2020-07-22 13:00:01	0	0.00	0.00	0.00
2020-07-22 14:00:01	0	0.00	0.00	0.00
2020-07-22 15:00:01	0	0.00	0.00	0.00
2020-07-22 16:00:01	0	0.00	0.00	0.00
2020-07-22 17:00:01	0	0.00	0.00	0.00
2020-07-22 18:00:01	0	0.00	0.00	0.00
2020-07-22 19:00:01	0	0.00	0.00	0.00
2020-07-22 20:00:01	0	0.00	0.00	0.00
2020-07-22 21:00:01	0	0.00	0.00	0.00
2020-07-22 22:00:01	0	0.00	0.00	0.00
2020-07-22 23:00:01	0	0.00	0.00	0.00
2020-07-23 00:00:01	0	0.00	0.00	0.00
2020-07-23 01:00:01	0	0.00	0.00	0.00
2020-07-23 02:00:01	0	0.00	0.00	0.00
2020-07-23 03:00:01	0	0.00	0.00	0.00
2020-07-23 04:00:01	0	0.00	0.00	0.00
2020-07-23 05:00:01	0	0.00	0.00	0.00
2020-07-23 06:00:01	0	0.00	0.00	0.00
2020-07-23 07:00:01	0	0.00	0.00	0.00
2020-07-23 08:00:01	0	0.00	0.00	0.00
2020-07-23 09:00:01	0	0.00	0.00	0.00
2020-07-23 10:00:01	0	0.00	0.00	0.00
2020-07-23 11:00:01	0	0.00	0.00	0.00
2020-07-23 12:00:01	0	0.00	0.00	0.00
2020-07-23 13:00:01	0	0.00	0.00	0.00
2020-07-23 14:00:01	0	0.00	0.00	0.00
2020-07-23 15:00:01	0	0.00	0.00	0.00
2020-07-23 16:00:01	0	0.00	0.00	0.00
2020-07-23 17:00:01	0	0.00	0.00	0.00
2020-07-23 18:00:01	0	0.00	0.00	0.00
2020-07-23 19:00:01	0	0.00	0.00	0.00
2020-07-23 20:00:01	0	0.00	0.00	0.00
2020-07-23 21:00:01	0	0.00	0.00	0.00
2020-07-23 22:00:01	0	0.00	0.00	0.00
2020-07-23 23:00:01	0	0.00	0.00	0.00
2020-07-24 00:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-24 01:00:01	0	0.00	0.00	0.00
2020-07-24 02:00:01	0	0.00	0.00	0.00
2020-07-24 03:00:01	0	0.00	0.00	0.00
2020-07-24 04:00:01	0	0.00	0.00	0.00
2020-07-24 05:00:01	0	0.00	0.00	0.00
2020-07-24 06:00:01	0	0.00	0.00	0.00
2020-07-24 07:00:01	0	0.00	0.00	0.00
2020-07-24 08:00:01	0	0.00	0.00	0.00
2020-07-24 09:00:01	0	0.00	0.00	0.00
2020-07-24 10:00:01	0	0.00	0.00	0.00
2020-07-24 11:00:01	0	0.00	0.00	0.00
2020-07-24 12:00:01	0	0.00	0.00	0.00
2020-07-24 13:00:01	0	0.00	0.00	0.00
2020-07-24 14:00:01	0	0.00	0.00	0.00
2020-07-24 15:00:01	0	0.00	0.00	0.00
2020-07-24 16:00:01	0	0.00	0.00	0.00
2020-07-24 17:00:01	0	0.00	0.00	0.00
2020-07-24 18:00:01	0	0.00	0.00	0.00
2020-07-24 19:00:01	0	0.00	0.00	0.00
2020-07-24 20:00:01	0	0.00	0.00	0.00
2020-07-24 21:00:01	0	0.00	0.00	0.00
2020-07-24 22:00:01	0	0.00	0.00	0.00
2020-07-24 23:00:01	0	0.00	0.00	0.00
2020-07-25 00:00:01	0	0.00	0.00	0.00
2020-07-25 01:00:01	0	0.00	0.00	0.00
2020-07-25 02:00:01	0	0.00	0.00	0.00
2020-07-25 03:00:01	0	0.00	0.00	0.00
2020-07-25 04:00:01	0	0.00	0.00	0.00
2020-07-25 05:00:01	0	0.00	0.00	0.00
2020-07-25 06:00:01	0	0.00	0.00	0.00
2020-07-25 07:00:01	0	0.00	0.00	0.00
2020-07-25 08:00:01	0	0.00	0.00	0.00
2020-07-25 09:00:01	0	0.00	0.00	0.00
2020-07-25 10:00:01	0	0.00	0.00	0.00
2020-07-25 11:00:01	0	0.00	0.00	0.00
2020-07-25 12:00:01	0	0.00	0.00	0.00
2020-07-25 13:00:01	0	0.00	0.00	0.00
2020-07-25 14:00:01	0	0.00	0.00	0.00
2020-07-25 15:00:01	0	0.00	0.00	0.00
2020-07-25 16:00:01	0	0.00	0.00	0.00
2020-07-25 17:00:01	0	0.00	0.00	0.00
2020-07-25 18:00:01	0	0.00	0.00	0.00
2020-07-25 19:00:01	0	0.00	0.00	0.00
2020-07-25 20:00:01	0	0.00	0.00	0.00
2020-07-25 21:00:01	0	0.00	0.00	0.00
2020-07-25 22:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-25 23:00:01	0	0.00	0.00	0.00
2020-07-26 00:00:01	0	0.00	0.00	0.00
2020-07-26 01:00:01	0	0.00	0.00	0.00
2020-07-26 02:00:01	0	0.00	0.00	0.00
2020-07-26 03:00:01	0	0.00	0.00	0.00
2020-07-26 04:00:01	0	0.00	0.00	0.00
2020-07-26 05:00:01	0	0.00	0.00	0.00
2020-07-26 06:00:01	0	0.00	0.00	0.00
2020-07-26 07:00:01	0	0.00	0.00	0.00
2020-07-26 08:00:01	0	0.00	0.00	0.00
2020-07-26 09:00:01	0	0.00	0.00	0.00
2020-07-26 10:00:01	0	0.00	0.00	0.00
2020-07-26 11:00:01	0	0.00	0.00	0.00
2020-07-26 12:00:01	0	0.00	0.00	0.00
2020-07-26 13:00:01	0	0.00	0.00	0.00
2020-07-26 14:00:01	0	0.00	0.00	0.00
2020-07-26 15:00:01	0	0.00	0.00	0.00
2020-07-26 16:00:01	0	0.00	0.00	0.00
2020-07-26 17:00:01	0	0.00	0.00	0.00
2020-07-26 18:00:01	0	0.00	0.00	0.00
2020-07-26 19:00:01	0	0.00	0.00	0.00
2020-07-26 20:00:01	0	0.00	0.00	0.00
2020-07-26 21:00:01	0	0.00	0.00	0.00
2020-07-26 22:00:01	0	0.00	0.00	0.00
2020-07-26 23:00:01	0	0.00	0.00	0.00
2020-07-27 00:00:01	0	0.00	0.00	0.00
2020-07-27 01:00:01	0	0.00	0.00	0.00
2020-07-27 02:00:01	0	0.00	0.00	0.00
2020-07-27 03:00:01	0	0.00	0.00	0.00
2020-07-27 04:00:01	0	0.00	0.00	0.00
2020-07-27 05:00:01	0	0.00	0.00	0.00
2020-07-27 06:00:01	0	0.00	0.00	0.00
2020-07-27 07:00:01	0	0.00	0.00	0.00
2020-07-27 08:00:01	0	0.00	0.00	0.00
2020-07-27 09:00:01	0	0.00	0.00	0.00
2020-07-27 10:00:01	0	0.00	0.00	0.00
2020-07-27 11:00:01	0	0.00	0.00	0.00
2020-07-27 12:00:01	0	0.00	0.00	0.00
2020-07-27 13:00:01	0	0.00	0.00	0.00
2020-07-27 14:00:01	0	0.00	0.00	0.00
2020-07-27 15:00:01	0	0.00	0.00	0.00
2020-07-27 16:00:01	0	0.00	0.00	0.00
2020-07-27 17:00:01	0	0.00	0.00	0.00
2020-07-27 18:00:01	0	0.00	0.00	0.00
2020-07-27 19:00:01	0	0.00	0.00	0.00
2020-07-27 20:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-27 21:00:01	0	0.00	0.00	0.00
2020-07-27 22:00:01	0	0.00	0.00	0.00
2020-07-27 23:00:01	0	0.00	0.00	0.00
2020-07-28 00:00:01	0	0.00	0.00	0.00
2020-07-28 01:00:01	0.623611111	270.68	0.00	378.94
2020-07-28 02:00:01	1	89.69	0.03	15.65
2020-07-28 03:00:01	1	14.30	0.05	10.91
2020-07-28 04:00:01	1	15.67	0.03	10.98
2020-07-28 05:00:01	1	15.99	0.01	10.48
2020-07-28 06:00:01	1	14.36	0.01	10.37
2020-07-28 07:00:01	1	13.67	0.31	12.78
2020-07-28 08:00:01	1	14.56	0.21	14.05
2020-07-28 09:00:01	1	14.19	0.58	13.86
2020-07-28 10:00:01	1	16.12	0.31	16.06
2020-07-28 11:00:01	1	18.38	0.07	12.54
2020-07-28 12:00:01	1	16.13	0.04	10.12
2020-07-28 13:00:01	1	15.23	0.04	8.61
2020-07-28 14:00:01	1	14.45	0.01	8.26
2020-07-28 15:00:01	1	14.78	0.01	8.16
2020-07-28 16:00:01	1	14.93	0.01	8.07
2020-07-28 17:00:01	1	14.61	0.00	8.18
2020-07-28 18:00:01	1	14.24	0.00	8.27
2020-07-28 19:00:01	1	13.26	0.01	8.55
2020-07-28 20:00:01	1	13.70	0.01	8.62
2020-07-28 21:00:01	1	14.13	0.01	8.73
2020-07-28 22:00:01	1	57.34	0.04	18.85
2020-07-28 23:00:01	1	13.04	0.03	8.88
2020-07-29 00:00:01	1	13.56	0.03	8.86
2020-07-29 01:00:01	1	13.90	0.02	8.71
2020-07-29 02:00:01	1	14.25	0.01	8.55
2020-07-29 03:00:01	1	15.20	0.01	8.70
2020-07-29 04:00:01	1	15.38	0.01	8.61
2020-07-29 05:00:01	1	15.14	0.01	8.48
2020-07-29 06:00:01	1	15.18	0.02	8.45
2020-07-29 07:00:01	1	15.08	0.03	8.62
2020-07-29 08:00:01	1	15.82	0.01	8.60
2020-07-29 09:00:01	1	15.89	0.06	8.34
2020-07-29 10:00:01	1	14.64	0.00	8.41
2020-07-29 11:00:01	1	15.09	0.00	8.19
2020-07-29 12:00:01	1	15.39	0.01	8.20
2020-07-29 13:00:01	1	15.77	0.01	8.21
2020-07-29 14:00:01	1	14.64	0.00	8.20
2020-07-29 15:00:01	1	13.17	0.00	8.19
2020-07-29 16:00:01	1	13.42	0.00	8.20
2020-07-29 17:00:01	1	13.36	0.00	8.21
2020-07-29 18:00:01	1	13.44	0.00	8.23

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-29 19:00:01	1	13.15	0.01	8.47
2020-07-29 20:00:01	1	15.34	0.01	8.58
2020-07-29 21:00:01	1	13.49	0.01	8.46
2020-07-29 22:00:01	1	58.30	0.01	18.23
2020-07-29 23:00:01	1	13.42	0.01	8.28
2020-07-30 00:00:01	1	12.90	0.01	8.28
2020-07-30 01:00:01	1	13.28	0.00	8.39
2020-07-30 02:00:01	1	13.86	0.00	8.33
2020-07-30 03:00:01	1	13.16	0.00	8.27
2020-07-30 04:00:01	1	13.23	0.00	8.26
2020-07-30 05:00:01	1	13.14	0.00	8.34
2020-07-30 06:00:01	1	13.03	0.00	8.27
2020-07-30 07:00:01	1	14.24	0.00	8.28
2020-07-30 08:00:01	1	13.50	0.01	8.28
2020-07-30 09:00:01	1	12.93	0.06	8.15
2020-07-30 10:00:01	1	12.90	0.00	8.12
2020-07-30 11:00:01	1	12.88	0.00	8.06
2020-07-30 12:00:01	1	13.11	0.00	7.88
2020-07-30 13:00:01	1	13.36	0.00	7.89
2020-07-30 14:00:01	1	13.30	0.00	7.85
2020-07-30 15:00:01	1	13.14	0.00	7.85
2020-07-30 16:00:01	1	13.41	0.00	7.91
2020-07-30 17:00:01	1	13.53	0.00	8.02
2020-07-30 18:00:01	1	13.50	0.00	8.01
2020-07-30 19:00:01	1	13.31	0.01	8.24
2020-07-30 20:00:01	1	13.75	0.01	8.38
2020-07-30 21:00:01	1	15.66	0.02	8.37
2020-07-30 22:00:01	1	57.70	0.02	18.37
2020-07-30 23:00:01	1	13.75	0.01	8.40
2020-07-31 00:00:01	1	13.86	0.00	8.61
2020-07-31 01:00:01	1	14.34	0.01	8.61
2020-07-31 02:00:01	1	14.12	0.00	8.55
2020-07-31 03:00:01	1	13.63	0.00	8.47
2020-07-31 04:00:01	1	14.33	0.00	8.59
2020-07-31 05:00:01	1	14.22	0.00	8.49
2020-07-31 06:00:01	1	13.95	0.00	8.29
2020-07-31 07:00:01	1	14.36	0.00	8.35
2020-07-31 08:00:01	1	14.94	0.00	8.38
2020-07-31 09:00:01	1	13.89	0.05	8.18
2020-07-31 10:00:01	1	16.77	0.00	8.22
2020-07-31 11:00:01	1	13.00	0.00	8.06
2020-07-31 12:00:01	1	15.97	0.00	7.83
2020-07-31 13:00:01	1	13.30	0.00	7.74
2020-07-31 14:00:01	1	13.77	0.01	7.74
2020-07-31 15:00:01	1	13.35	0.00	7.64
2020-07-31 16:00:01	1	13.32	0.00	7.87

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-07-31 17:00:01	1	13.36	0.00	8.20
2020-07-31 18:00:01	1	13.30	0.00	8.22
2020-07-31 19:00:01	1	13.16	0.01	8.37
2020-07-31 20:00:01	1	12.87	0.01	8.62
2020-07-31 21:00:01	1	12.73	0.02	8.75
2020-07-31 22:00:01	1	59.20	0.02	18.63
2020-07-31 23:00:01	1	13.75	0.02	8.80
2020-08-01 00:00:01	1	13.77	0.01	8.83
2020-08-01 01:00:01	1	14.30	0.00	8.73
2020-08-01 02:00:01	1	14.10	0.00	8.55
2020-08-01 03:00:01	1	13.62	0.00	8.59
2020-08-01 04:00:01	1	13.43	0.00	8.61
2020-08-01 05:00:01	1	13.88	0.00	8.83
2020-08-01 06:00:01	1	13.34	0.00	8.60
2020-08-01 07:00:01	1	17.71	0.68	8.67
2020-08-01 08:00:01	1	13.25	0.05	8.54
2020-08-01 09:00:01	1	14.30	0.09	8.49
2020-08-01 10:00:01	1	13.80	0.02	8.56
2020-08-01 11:00:01	1	13.62	0.01	8.49
2020-08-01 12:00:01	1	13.42	0.01	8.24
2020-08-01 13:00:01	1	13.61	0.00	8.30
2020-08-01 14:00:01	1	13.33	0.01	8.36
2020-08-01 15:00:01	1	13.46	0.02	8.44
2020-08-01 16:00:01	1	13.35	0.00	8.61
2020-08-01 17:00:01	1	13.12	0.00	8.95
2020-08-01 18:00:01	1	13.01	0.00	8.83
2020-08-01 19:00:01	1	13.83	0.02	9.00
2020-08-01 20:00:01	1	13.38	0.02	9.10
2020-08-01 21:00:01	1	13.01	0.02	9.25
2020-08-01 22:00:01	1	58.63	0.03	19.13
2020-08-01 23:00:01	1	14.20	0.02	9.39
2020-08-02 00:00:01	1	13.78	0.02	9.40
2020-08-02 01:00:01	1	13.76	0.02	9.52
2020-08-02 02:00:01	1	14.02	0.01	9.30
2020-08-02 03:00:01	1	14.15	0.00	9.19
2020-08-02 04:00:01	1	13.92	0.00	9.27
2020-08-02 05:00:01	1	14.30	0.00	9.49
2020-08-02 06:00:01	1	14.35	0.00	9.48
2020-08-02 07:00:01	1	14.43	0.00	9.42
2020-08-02 08:00:01	1	14.34	0.01	9.36
2020-08-02 09:00:01	1	13.99	0.07	9.11
2020-08-02 10:00:01	1	14.45	0.00	8.93
2020-08-02 11:00:01	1	13.53	0.00	8.79
2020-08-02 12:00:01	1	13.44	0.00	8.84
2020-08-02 13:00:01	1	14.44	0.01	8.99
2020-08-02 14:00:01	1	13.52	0.01	9.07

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-02 15:00:01	1	13.57	0.01	9.30
2020-08-02 16:00:01	1	13.55	0.01	9.21
2020-08-02 17:00:01	1	13.58	0.00	9.23
2020-08-02 18:00:01	1	13.39	0.01	9.39
2020-08-02 19:00:01	1	12.55	0.02	9.41
2020-08-02 20:00:01	1	12.04	0.00	9.33
2020-08-02 21:00:01	1	13.72	0.00	9.32
2020-08-02 22:00:01	1	57.98	0.00	19.31
2020-08-02 23:00:01	1	14.36	0.01	9.56
2020-08-03 00:00:01	1	13.93	0.00	9.55
2020-08-03 01:00:01	1	13.84	0.01	9.74
2020-08-03 02:00:01	1	13.99	0.00	9.68
2020-08-03 03:00:01	1	14.13	0.01	9.87
2020-08-03 04:00:01	1	15.66	0.01	9.77
2020-08-03 05:00:01	1	14.76	0.01	9.71
2020-08-03 06:00:01	1	14.20	0.01	10.17
2020-08-03 07:00:01	1	14.43	0.01	10.10
2020-08-03 08:00:01	1	15.53	0.02	9.95
2020-08-03 09:00:01	1	15.11	0.07	9.85
2020-08-03 10:00:01	1	14.20	0.00	10.23
2020-08-03 11:00:01	1	14.46	0.00	10.05
2020-08-03 12:00:01	1	13.98	0.00	9.97
2020-08-03 13:00:01	1	13.95	0.00	9.75
2020-08-03 14:00:01	1	14.32	0.00	9.67
2020-08-03 15:00:01	1	13.80	0.00	9.73
2020-08-03 16:00:01	1	14.35	0.00	9.69
2020-08-03 17:00:01	1	13.82	0.00	10.00
2020-08-03 18:00:01	1	14.05	0.00	10.17
2020-08-03 19:00:01	1	14.23	0.00	10.38
2020-08-03 20:00:01	1	14.71	0.00	10.34
2020-08-03 21:00:01	1	16.02	0.00	10.47
2020-08-03 22:00:01	1	58.40	0.00	20.11
2020-08-03 23:00:01	1	14.06	0.00	10.11
2020-08-04 00:00:01	1	14.14	0.00	10.07
2020-08-04 01:00:01	1	14.28	0.00	9.97
2020-08-04 02:00:01	1	13.17	0.00	10.01
2020-08-04 03:00:01	1	14.39	0.00	10.16
2020-08-04 04:00:01	1	16.51	0.00	10.20
2020-08-04 05:00:01	1	14.48	0.00	10.17
2020-08-04 06:00:01	1	13.47	0.00	10.20
2020-08-04 07:00:01	1	13.10	0.00	10.43
2020-08-04 08:00:01	1	14.61	0.00	10.37
2020-08-04 09:00:01	1	18.88	0.05	9.50
2020-08-04 10:00:01	1	6.03	0.00	9.30
2020-08-04 11:00:01	1	6.99	0.00	9.29
2020-08-04 12:00:01	1	13.15	0.00	9.18

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-04 13:00:01	1	16.49	0.00	8.97
2020-08-04 14:00:01	1	33.84	0.00	8.68
2020-08-04 15:00:01	1	23.38	0.00	8.67
2020-08-04 16:00:01	1	15.20	0.00	8.57
2020-08-04 17:00:01	1	14.61	0.00	8.70
2020-08-04 18:00:01	1	14.86	0.00	8.88
2020-08-04 19:00:01	1	14.62	0.00	8.81
2020-08-04 20:00:01	1	14.21	0.00	8.78
2020-08-04 21:00:01	1	15.61	0.00	8.71
2020-08-04 22:00:01	1	58.38	0.00	18.34
2020-08-04 23:00:01	1	14.18	0.00	8.87
2020-08-05 00:00:01	1	14.23	0.00	8.86
2020-08-05 01:00:01	1	14.18	0.00	8.94
2020-08-05 02:00:01	1	14.24	0.00	9.03
2020-08-05 03:00:01	1	14.27	0.00	9.00
2020-08-05 04:00:01	1	14.97	0.00	9.03
2020-08-05 05:00:01	1	14.84	0.00	9.20
2020-08-05 06:00:01	1	14.64	0.00	9.19
2020-08-05 07:00:01	1	14.63	0.00	9.25
2020-08-05 08:00:01	1	16.27	0.01	9.23
2020-08-05 09:00:01	1	16.50	0.05	9.12
2020-08-05 10:00:01	1	13.79	0.00	9.02
2020-08-05 11:00:01	1	14.54	0.00	8.81
2020-08-05 12:00:01	1	14.28	0.00	8.71
2020-08-05 13:00:01	1	14.51	0.00	8.65
2020-08-05 14:00:01	1	14.02	0.00	8.44
2020-08-05 15:00:01	1	14.23	0.00	8.64
2020-08-05 16:00:01	1	13.79	0.00	9.09
2020-08-05 17:00:01	1	14.22	0.00	9.37
2020-08-05 18:00:01	1	13.95	0.00	9.43
2020-08-05 19:00:01	1	14.55	0.00	9.41
2020-08-05 20:00:01	1	14.44	0.00	9.49
2020-08-05 21:00:01	1	14.98	0.01	9.76
2020-08-05 22:00:01	1	56.58	0.00	18.97
2020-08-05 23:00:01	1	14.65	0.00	9.40
2020-08-06 00:00:01	1	15.08	0.00	9.47
2020-08-06 01:00:01	1	14.98	0.00	9.38
2020-08-06 02:00:01	1	14.52	0.00	9.42
2020-08-06 03:00:01	1	14.20	0.00	9.47
2020-08-06 04:00:01	1	14.84	0.00	9.58
2020-08-06 05:00:01	1	14.42	0.00	9.53
2020-08-06 06:00:01	1	14.18	0.00	9.67
2020-08-06 07:00:01	1	14.21	0.00	9.67
2020-08-06 08:00:01	1	14.90	0.01	9.71
2020-08-06 09:00:01	1	13.84	0.06	9.60
2020-08-06 10:00:01	1	13.28	0.00	9.57

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-06 11:00:01	1	14.41	0.00	9.79
2020-08-06 12:00:01	1	13.64	0.00	10.90
2020-08-06 13:00:01	1	13.48	0.00	11.83
2020-08-06 14:00:01	1	13.32	0.00	12.40
2020-08-06 15:00:01	1	13.68	0.00	12.87
2020-08-06 16:00:01	1	13.63	0.00	14.00
2020-08-06 17:00:01	1	12.84	0.00	15.62
2020-08-06 18:00:01	1	12.37	0.00	16.75
2020-08-06 19:00:01	1	13.16	0.00	16.70
2020-08-06 20:00:01	1	13.23	0.00	15.35
2020-08-06 21:00:01	1	9.67	0.00	14.92
2020-08-06 22:00:01	1	55.85	0.00	24.36
2020-08-06 23:00:01	1	13.26	0.01	15.11
2020-08-07 00:00:01	1	12.51	0.04	15.87
2020-08-07 01:00:01	1	12.08	0.02	15.36
2020-08-07 02:00:01	1	13.05	0.01	15.03
2020-08-07 03:00:01	1	13.06	0.01	15.07
2020-08-07 04:00:01	1	12.22	0.01	15.32
2020-08-07 05:00:01	1	12.59	0.00	15.09
2020-08-07 06:00:01	1	13.43	0.01	15.03
2020-08-07 07:00:01	1	13.11	0.00	15.06
2020-08-07 08:00:01	1	13.09	0.00	15.06
2020-08-07 09:00:01	1	12.54	0.06	14.99
2020-08-07 10:00:01	1	13.66	0.07	14.89
2020-08-07 11:00:01	1	12.92	0.04	14.78
2020-08-07 12:00:01	1	12.89	0.04	14.76
2020-08-07 13:00:01	1	13.16	0.04	14.63
2020-08-07 14:00:01	1	13.13	0.02	14.38
2020-08-07 15:00:01	1	12.63	0.00	14.18
2020-08-07 16:00:01	1	12.68	0.00	14.11
2020-08-07 17:00:01	1	13.03	0.00	14.20
2020-08-07 18:00:01	1	13.28	0.00	14.31
2020-08-07 19:00:01	1	13.40	0.01	14.38
2020-08-07 20:00:01	1	13.45	0.01	14.57
2020-08-07 21:00:01	1	10.54	0.01	14.83
2020-08-07 22:00:01	1	56.37	0.00	24.46
2020-08-07 23:00:01	1	13.80	0.00	14.86
2020-08-08 00:00:01	1	13.82	0.01	14.15
2020-08-08 01:00:01	1	12.51	0.02	13.97
2020-08-08 02:00:01	1	12.93	0.02	14.07
2020-08-08 03:00:01	1	12.32	0.01	13.95
2020-08-08 04:00:01	1	13.04	0.01	14.04
2020-08-08 05:00:01	1	13.76	0.01	14.02
2020-08-08 06:00:01	1	12.89	0.01	14.04
2020-08-08 07:00:01	1	13.09	0.02	14.19
2020-08-08 08:00:01	1	14.54	0.01	14.11

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-08 09:00:01	1	13.32	0.06	13.92
2020-08-08 10:00:01	1	12.08	0.05	13.86
2020-08-08 11:00:01	1	13.02	0.09	13.63
2020-08-08 12:00:01	1	15.02	0.07	13.46
2020-08-08 13:00:01	1	15.67	0.06	13.22
2020-08-08 14:00:01	1	14.79	0.07	13.05
2020-08-08 15:00:01	1	15.26	0.02	12.93
2020-08-08 16:00:01	1	15.19	0.00	12.90
2020-08-08 17:00:01	1	15.12	0.00	12.94
2020-08-08 18:00:01	1	15.17	0.00	13.04
2020-08-08 19:00:01	1	14.56	0.01	13.11
2020-08-08 20:00:01	1	14.11	0.01	13.15
2020-08-08 21:00:01	1	10.51	0.01	13.25
2020-08-08 22:00:01	1	52.01	0.01	22.94
2020-08-08 23:00:01	1	15.27	0.01	13.34
2020-08-09 00:00:01	1	13.90	0.01	13.50
2020-08-09 01:00:01	1	14.31	0.01	13.62
2020-08-09 02:00:01	1	14.71	0.00	13.78
2020-08-09 03:00:01	1	14.75	0.01	13.65
2020-08-09 04:00:01	1	14.29	0.01	13.67
2020-08-09 05:00:01	1	14.69	0.01	13.80
2020-08-09 06:00:01	1	15.23	0.01	13.73
2020-08-09 07:00:01	1	16.42	0.01	13.72
2020-08-09 08:00:01	1	15.81	0.01	13.77
2020-08-09 09:00:01	1	15.71	0.06	13.86
2020-08-09 10:00:01	1	15.36	0.01	14.74
2020-08-09 11:00:01	1	14.81	0.00	14.40
2020-08-09 12:00:01	1	14.02	0.00	14.20
2020-08-09 13:00:01	1	14.32	0.00	14.14
2020-08-09 14:00:01	1	14.06	0.00	14.11
2020-08-09 15:00:01	1	13.47	0.00	14.10
2020-08-09 16:00:01	1	13.30	0.00	14.03
2020-08-09 17:00:01	1	13.44	0.01	13.94
2020-08-09 18:00:01	1	13.41	0.00	13.88
2020-08-09 19:00:01	1	13.13	0.01	14.07
2020-08-09 20:00:01	1	13.18	0.02	14.17
2020-08-09 21:00:01	1	13.45	0.02	14.15
2020-08-09 22:00:01	1	56.15	0.02	23.74
2020-08-09 23:00:01	1	13.88	0.02	14.20
2020-08-10 00:00:01	1	13.99	0.02	14.18
2020-08-10 01:00:01	1	14.00	0.02	14.20
2020-08-10 02:00:01	1	13.82	0.01	14.17
2020-08-10 03:00:01	1	14.04	0.00	14.39
2020-08-10 04:00:01	1	14.30	0.00	14.65
2020-08-10 05:00:01	1	14.24	0.00	14.66
2020-08-10 06:00:01	1	14.23	0.00	14.55

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-10 07:00:01	1	14.16	0.01	14.56
2020-08-10 08:00:01	1	14.29	0.01	14.70
2020-08-10 09:00:01	1	14.95	0.06	14.65
2020-08-10 10:00:01	1	12.74	0.01	14.65
2020-08-10 11:00:01	1	6.70	0.04	13.61
2020-08-10 12:00:01	1	13.07	0.23	10.01
2020-08-10 13:00:01	1	20.33	0.01	9.71
2020-08-10 14:00:01	1	15.31	0.00	9.67
2020-08-10 15:00:01	1	14.86	0.00	9.67
2020-08-10 16:00:01	1	15.39	0.00	9.66
2020-08-10 17:00:01	1	14.69	0.00	9.70
2020-08-10 18:00:01	1	15.10	0.00	9.02
2020-08-10 19:00:01	1	15.48	0.00	8.84
2020-08-10 20:00:01	1	15.07	0.00	9.00
2020-08-10 21:00:01	1	14.98	0.00	8.96
2020-08-10 22:00:01	1	57.69	0.00	18.31
2020-08-10 23:00:01	1	14.45	0.00	8.85
2020-08-11 00:00:01	1	14.64	0.00	8.92
2020-08-11 01:00:01	1	14.67	0.00	8.99
2020-08-11 02:00:01	1	14.71	0.00	8.99
2020-08-11 03:00:01	1	15.00	0.00	8.98
2020-08-11 04:00:01	1	15.71	0.00	9.01
2020-08-11 05:00:01	1	14.83	0.00	9.07
2020-08-11 06:00:01	1	14.78	0.00	8.98
2020-08-11 07:00:01	1	14.40	0.01	8.76
2020-08-11 08:00:01	1	14.01	0.00	8.60
2020-08-11 09:00:01	1	10.78	0.06	8.49
2020-08-11 10:00:01	1	13.91	0.01	8.50
2020-08-11 11:00:01	1	14.58	0.00	8.39
2020-08-11 12:00:01	1	14.41	0.00	8.26
2020-08-11 13:00:01	1	29.36	0.00	8.29
2020-08-11 14:00:01	1	14.79	0.00	8.26
2020-08-11 15:00:01	1	14.14	0.00	8.26
2020-08-11 16:00:01	1	14.89	0.00	8.25
2020-08-11 17:00:01	1	14.26	0.00	8.24
2020-08-11 18:00:01	1	14.44	0.00	8.39
2020-08-11 19:00:01	1	15.56	0.00	8.46
2020-08-11 20:00:01	1	16.63	0.00	8.44
2020-08-11 21:00:01	1	15.90	0.00	8.44
2020-08-11 22:00:01	1	57.44	0.00	17.87
2020-08-11 23:00:01	1	14.56	0.00	8.61
2020-08-12 00:00:01	1	14.46	0.00	8.60
2020-08-12 01:00:01	1	14.84	0.00	8.60
2020-08-12 02:00:01	1	14.50	0.00	8.60
2020-08-12 03:00:01	1	14.38	0.00	8.60
2020-08-12 04:00:01	1	15.57	0.00	8.64

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-12 05:00:01	1	14.72	0.00	8.64
2020-08-12 06:00:01	1	14.66	0.00	8.60
2020-08-12 07:00:01	1	14.97	0.01	8.64
2020-08-12 08:00:01	1	15.34	0.00	8.60
2020-08-12 09:00:01	1	17.99	0.06	8.53
2020-08-12 10:00:01	1	18.60	0.00	8.65
2020-08-12 11:00:01	1	14.92	0.00	8.61
2020-08-12 12:00:01	1	14.54	0.00	8.44
2020-08-12 13:00:01	1	14.29	0.00	8.36
2020-08-12 14:00:01	1	14.70	0.00	8.28
2020-08-12 15:00:01	1	14.32	0.00	8.41
2020-08-12 16:00:01	1	15.67	0.00	8.75
2020-08-12 17:00:01	1	14.90	0.00	8.72
2020-08-12 18:00:01	1	14.16	0.00	8.53
2020-08-12 19:00:01	1	14.65	0.00	8.53
2020-08-12 20:00:01	1	14.50	0.00	8.65
2020-08-12 21:00:01	1	14.45	0.00	8.69
2020-08-12 22:00:01	1	57.88	0.00	17.93
2020-08-12 23:00:01	1	14.91	0.00	8.58
2020-08-13 00:00:01	1	14.84	0.00	8.57
2020-08-13 01:00:01	1	14.75	0.00	8.57
2020-08-13 02:00:01	1	14.86	0.00	8.59
2020-08-13 03:00:01	1	14.99	0.00	8.62
2020-08-13 04:00:01	1	15.03	0.00	8.59
2020-08-13 05:00:01	1	15.35	0.00	8.65
2020-08-13 06:00:01	1	14.79	0.00	8.72
2020-08-13 07:00:01	1	14.98	0.00	8.62
2020-08-13 08:00:01	1	11.54	0.00	8.62
2020-08-13 09:00:01	1	14.49	0.05	8.52
2020-08-13 10:00:01	1	14.40	0.00	8.65
2020-08-13 11:00:01	1	14.23	0.00	8.52
2020-08-13 12:00:01	1	13.87	0.00	8.44
2020-08-13 13:00:01	1	14.67	0.00	8.34
2020-08-13 14:00:01	1	14.15	0.01	8.15
2020-08-13 15:00:01	1	14.15	0.01	8.16
2020-08-13 16:00:01	1	13.83	0.00	8.23
2020-08-13 17:00:01	1	13.97	0.00	8.33
2020-08-13 18:00:01	1	13.78	0.00	8.39
2020-08-13 19:00:01	1	13.90	0.01	8.51
2020-08-13 20:00:01	1	14.56	0.00	8.62
2020-08-13 21:00:01	1	14.93	0.00	8.83
2020-08-13 22:00:01	1	57.93	0.00	18.12
2020-08-13 23:00:01	1	13.63	0.00	9.01
2020-08-14 00:00:01	1	13.48	0.00	8.72
2020-08-14 01:00:01	1	13.51	0.00	8.80
2020-08-14 02:00:01	1	13.48	0.01	8.84

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-14 03:00:01	1	13.66	0.01	8.86
2020-08-14 04:00:01	1	13.18	0.01	8.86
2020-08-14 05:00:01	1	14.81	0.01	8.95
2020-08-14 06:00:01	1	14.47	0.00	8.92
2020-08-14 07:00:01	1	14.79	0.00	8.99
2020-08-14 08:00:01	1	14.57	0.00	8.71
2020-08-14 09:00:01	1	14.36	0.05	8.66
2020-08-14 10:00:01	1	14.42	0.00	8.59
2020-08-14 11:00:01	1	13.91	0.00	8.54
2020-08-14 12:00:01	1	13.97	0.00	8.52
2020-08-14 13:00:01	1	13.55	0.00	8.38
2020-08-14 14:00:01	1	13.51	0.00	8.35
2020-08-14 15:00:01	1	13.83	0.00	8.36
2020-08-14 16:00:01	1	14.49	0.00	8.33
2020-08-14 17:00:01	1	13.97	0.00	8.27
2020-08-14 18:00:01	1	13.41	0.00	8.36
2020-08-14 19:00:01	1	13.51	0.01	8.55
2020-08-14 20:00:01	1	14.69	0.01	8.53
2020-08-14 21:00:01	1	13.38	0.01	8.57
2020-08-14 22:00:01	1	55.44	0.02	18.38
2020-08-14 23:00:01	1	13.21	0.01	8.89
2020-08-15 00:00:01	1	13.99	0.01	8.89
2020-08-15 01:00:01	1	14.12	0.01	8.87
2020-08-15 02:00:01	1	13.54	0.01	8.93
2020-08-15 03:00:01	1	14.63	0.01	9.05
2020-08-15 04:00:01	1	14.80	0.01	9.05
2020-08-15 05:00:01	1	14.05	0.01	9.07
2020-08-15 06:00:01	1	13.59	0.01	9.05
2020-08-15 07:00:01	1	14.19	0.01	9.05
2020-08-15 08:00:01	1	10.82	0.01	9.06
2020-08-15 09:00:01	1	0.53	0.09	8.90
2020-08-15 10:00:01	1	4.98	0.00	8.76
2020-08-15 11:00:01	1	13.77	0.01	8.66
2020-08-15 12:00:01	1	13.70	0.00	8.50
2020-08-15 13:00:01	1	14.00	0.00	8.55
2020-08-15 14:00:01	1	14.12	0.00	9.34
2020-08-15 15:00:01	1	13.90	0.00	11.27
2020-08-15 16:00:01	1	13.17	0.00	12.36
2020-08-15 17:00:01	1	12.98	0.00	13.70
2020-08-15 18:00:01	1	12.91	0.00	14.61
2020-08-15 19:00:01	1	12.75	0.00	14.57
2020-08-15 20:00:01	1	13.81	0.01	15.03
2020-08-15 21:00:01	1	14.52	0.00	15.50
2020-08-15 22:00:01	1	56.93	0.00	25.08
2020-08-15 23:00:01	1	13.56	0.01	15.86
2020-08-16 00:00:01	1	13.39	0.01	15.98

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-16 01:00:01	1	13.42	0.01	16.10
2020-08-16 02:00:01	1	13.34	0.01	15.96
2020-08-16 03:00:01	1	13.54	0.01	16.37
2020-08-16 04:00:01	1	13.61	0.00	16.50
2020-08-16 05:00:01	1	13.48	0.01	16.72
2020-08-16 06:00:01	1	13.55	0.01	16.54
2020-08-16 07:00:01	1	13.50	0.01	16.78
2020-08-16 08:00:01	1	11.44	0.02	16.57
2020-08-16 09:00:01	1	13.19	0.08	15.93
2020-08-16 10:00:01	1	14.10	0.00	15.73
2020-08-16 11:00:01	1	13.06	0.01	15.23
2020-08-16 12:00:01	1	12.80	0.02	15.07
2020-08-16 13:00:01	1	13.22	0.01	15.07
2020-08-16 14:00:01	1	12.52	0.01	14.83
2020-08-16 15:00:01	1	12.74	0.00	14.82
2020-08-16 16:00:01	1	12.63	0.00	14.69
2020-08-16 17:00:01	1	12.48	0.00	15.32
2020-08-16 18:00:01	1	12.32	0.01	15.62
2020-08-16 19:00:01	1	12.60	0.01	15.71
2020-08-16 20:00:01	1	12.83	0.01	16.16
2020-08-16 21:00:01	1	13.83	0.01	16.33
2020-08-16 22:00:01	1	55.49	0.02	25.36
2020-08-16 23:00:01	1	13.30	0.01	15.73
2020-08-17 00:00:01	1	12.93	0.01	15.20
2020-08-17 01:00:01	1	12.74	0.00	15.05
2020-08-17 02:00:01	1	12.82	0.00	15.00
2020-08-17 03:00:01	1	12.97	0.00	14.93
2020-08-17 04:00:01	1	13.40	0.00	15.16
2020-08-17 05:00:01	1	13.17	0.00	15.53
2020-08-17 06:00:01	1	13.25	0.00	15.55
2020-08-17 07:00:01	1	13.66	0.00	15.40
2020-08-17 08:00:01	1	12.37	0.00	15.36
2020-08-17 09:00:01	1	12.46	0.06	15.42
2020-08-17 10:00:01	1	12.33	0.00	15.35
2020-08-17 11:00:01	1	12.81	0.00	14.69
2020-08-17 12:00:01	1	13.08	0.00	14.18
2020-08-17 13:00:01	1	13.32	0.00	13.91
2020-08-17 14:00:01	1	13.54	0.00	14.35
2020-08-17 15:00:01	1	12.94	0.00	14.01
2020-08-17 16:00:01	1	13.28	0.00	14.11
2020-08-17 17:00:01	1	12.79	0.00	14.18
2020-08-17 18:00:01	1	13.19	0.00	14.67
2020-08-17 19:00:01	1	13.14	0.00	14.75
2020-08-17 20:00:01	1	13.77	0.00	14.94
2020-08-17 21:00:01	1	13.64	0.00	14.91
2020-08-17 22:00:01	1	55.72	0.00	24.08

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-17 23:00:01	1	13.08	0.00	14.50
2020-08-18 00:00:01	1	13.64	0.00	14.40
2020-08-18 01:00:01	1	13.21	0.00	14.56
2020-08-18 02:00:01	1	12.83	0.00	14.61
2020-08-18 03:00:01	1	12.62	0.00	14.79
2020-08-18 04:00:01	1	12.90	0.00	15.04
2020-08-18 05:00:01	1	12.89	0.00	15.13
2020-08-18 06:00:01	1	12.71	0.00	14.95
2020-08-18 07:00:01	1	12.84	0.00	15.05
2020-08-18 08:00:01	1	12.52	0.00	15.57
2020-08-18 09:00:01	1	12.98	0.05	14.84
2020-08-18 10:00:01	1	12.62	0.00	14.32
2020-08-18 11:00:01	1	12.69	0.00	14.30
2020-08-18 12:00:01	1	12.57	0.00	15.56
2020-08-18 13:00:01	1	12.99	0.01	15.37
2020-08-18 14:00:01	1	12.94	0.01	14.88
2020-08-18 15:00:01	1	12.86	0.03	15.64
2020-08-18 16:00:01	1	13.54	0.01	15.14
2020-08-18 17:00:01	1	13.04	0.00	15.01
2020-08-18 18:00:01	1	12.49	0.00	15.25
2020-08-18 19:00:01	1	12.45	0.00	14.77
2020-08-18 20:00:01	1	12.35	0.00	15.08
2020-08-18 21:00:01	1	13.41	0.00	15.41
2020-08-18 22:00:01	1	55.84	0.00	24.90
2020-08-18 23:00:01	1	12.95	0.00	15.84
2020-08-19 00:00:01	1	13.50	0.01	16.01
2020-08-19 01:00:01	1	13.82	0.01	15.80
2020-08-19 02:00:01	1	13.90	0.00	15.16
2020-08-19 03:00:01	1	12.77	0.00	14.87
2020-08-19 04:00:01	1	12.86	0.00	15.07
2020-08-19 05:00:01	1	13.06	0.00	15.35
2020-08-19 06:00:01	1	12.33	0.00	15.74
2020-08-19 07:00:01	1	12.92	0.00	16.02
2020-08-19 08:00:01	1	11.15	0.00	15.80
2020-08-19 09:00:01	1	10.63	0.06	15.23
2020-08-19 10:00:01	1	13.35	0.00	15.08
2020-08-19 11:00:01	1	13.12	0.00	14.38
2020-08-19 12:00:01	1	13.26	0.01	13.93
2020-08-19 13:00:01	1	33.95	0.00	12.91
2020-08-19 14:00:01	1	37.15	0.00	41.45
2020-08-19 15:00:01	1	13.17	0.00	13.89
2020-08-19 16:00:01	1	13.04	0.00	12.55
2020-08-19 17:00:01	1	12.67	0.00	12.68
2020-08-19 18:00:01	1	13.06	0.00	13.01
2020-08-19 19:00:01	1	13.07	0.01	13.85
2020-08-19 20:00:01	1	12.91	0.01	14.55

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-19 21:00:01	1	13.07	0.02	14.70
2020-08-19 22:00:01	1	55.86	0.01	24.87
2020-08-19 23:00:01	1	13.49	0.01	15.55
2020-08-20 00:00:01	1	13.28	0.01	15.92
2020-08-20 01:00:01	1	13.15	0.01	15.88
2020-08-20 02:00:01	1	12.98	0.01	15.89
2020-08-20 03:00:01	1	12.88	0.01	15.55
2020-08-20 04:00:01	1	13.36	0.01	15.34
2020-08-20 05:00:01	1	13.27	0.00	15.51
2020-08-20 06:00:01	1	13.36	0.01	15.69
2020-08-20 07:00:01	1	13.87	0.01	15.94
2020-08-20 08:00:01	1	13.44	0.01	15.54
2020-08-20 09:00:01	1	13.00	0.06	15.07
2020-08-20 10:00:01	1	13.62	0.00	14.99
2020-08-20 11:00:01	1	13.16	0.00	14.24
2020-08-20 12:00:01	1	13.11	0.00	14.43
2020-08-20 13:00:01	1	13.29	0.00	14.00
2020-08-20 14:00:01	1	13.15	0.00	13.94
2020-08-20 15:00:01	1	13.18	0.00	13.23
2020-08-20 16:00:01	1	13.05	0.00	13.14
2020-08-20 17:00:01	1	13.09	0.00	13.00
2020-08-20 18:00:01	1	12.89	0.00	13.43
2020-08-20 19:00:01	1	12.89	0.01	14.36
2020-08-20 20:00:01	1	12.26	0.01	14.73
2020-08-20 21:00:01	1	13.38	0.01	14.89
2020-08-20 22:00:01	1	55.64	0.01	25.06
2020-08-20 23:00:01	1	13.06	0.01	15.82
2020-08-21 00:00:01	1	12.98	0.01	15.69
2020-08-21 01:00:01	1	13.00	0.01	15.71
2020-08-21 02:00:01	1	12.93	0.00	15.15
2020-08-21 03:00:01	1	13.30	0.00	15.16
2020-08-21 04:00:01	1	13.77	0.00	15.48
2020-08-21 05:00:01	1	14.19	0.00	15.23
2020-08-21 06:00:01	1	13.95	0.00	15.01
2020-08-21 07:00:01	1	12.77	0.00	15.30
2020-08-21 08:00:01	1	14.82	0.01	14.84
2020-08-21 09:00:01	1	13.65	0.07	14.19
2020-08-21 10:00:01	1	13.26	0.01	14.66
2020-08-21 11:00:01	1	12.61	0.00	15.51
2020-08-21 12:00:01	1	12.74	0.00	14.78
2020-08-21 13:00:01	1	12.71	0.01	15.55
2020-08-21 14:00:01	1	12.85	0.00	15.09
2020-08-21 15:00:01	1	12.65	0.01	14.77
2020-08-21 16:00:01	1	12.85	0.00	14.57
2020-08-21 17:00:01	1	12.90	0.00	14.60
2020-08-21 18:00:01	1	12.75	0.01	15.69

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-21 19:00:01	1	12.73	0.01	16.49
2020-08-21 20:00:01	1	13.38	0.02	16.98
2020-08-21 21:00:01	1	13.38	0.02	17.65
2020-08-21 22:00:01	1	56.47	0.02	27.20
2020-08-21 23:00:01	1	13.03	0.01	17.60
2020-08-22 00:00:01	1	13.13	0.01	18.15
2020-08-22 01:00:01	1	13.15	0.01	18.30
2020-08-22 02:00:01	1	13.13	0.00	17.49
2020-08-22 03:00:01	1	13.35	0.00	17.47
2020-08-22 04:00:01	1	13.80	0.00	17.62
2020-08-22 05:00:01	1	13.83	0.00	17.08
2020-08-22 06:00:01	1	12.60	0.00	17.21
2020-08-22 07:00:01	1	13.78	0.00	18.07
2020-08-22 08:00:01	1	14.79	0.00	18.46
2020-08-22 09:00:01	1	12.75	0.05	18.38
2020-08-22 10:00:01	1	13.10	0.00	18.10
2020-08-22 11:00:01	1	12.98	0.00	17.27
2020-08-22 12:00:01	1	13.07	0.00	17.24
2020-08-22 13:00:01	1	12.86	0.00	17.01
2020-08-22 14:00:01	1	12.94	0.00	16.37
2020-08-22 15:00:01	1	12.77	0.00	15.90
2020-08-22 16:00:01	1	12.78	0.00	15.89
2020-08-22 17:00:01	1	13.14	0.00	16.09
2020-08-22 18:00:01	1	12.27	0.00	16.32
2020-08-22 19:00:01	1	12.43	0.02	16.91
2020-08-22 20:00:01	1	12.38	0.01	17.72
2020-08-22 21:00:01	1	11.96	0.02	17.84
2020-08-22 22:00:01	1	51.06	0.04	28.68
2020-08-22 23:00:01	1	12.16	0.02	18.81
2020-08-23 00:00:01	1	12.38	0.01	18.76
2020-08-23 01:00:01	1	12.47	0.01	18.59
2020-08-23 02:00:01	1	12.55	0.00	18.17
2020-08-23 03:00:01	1	12.79	0.00	18.07
2020-08-23 04:00:01	1	13.36	0.00	17.63
2020-08-23 05:00:01	1	11.89	0.00	18.55
2020-08-23 06:00:01	1	12.78	0.00	18.52
2020-08-23 07:00:01	1	12.65	0.01	18.21
2020-08-23 08:00:01	1	12.59	0.02	17.88
2020-08-23 09:00:01	1	10.60	0.09	17.30
2020-08-23 10:00:01	1	12.24	0.01	16.73
2020-08-23 11:00:01	1	12.90	0.01	16.13
2020-08-23 12:00:01	1	12.60	0.00	15.33
2020-08-23 13:00:01	1	12.64	0.02	15.56
2020-08-23 14:00:01	1	13.02	0.06	16.01
2020-08-23 15:00:01	1	13.61	0.08	16.01
2020-08-23 16:00:01	1	13.18	0.08	16.68

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-23 17:00:01	1	13.06	0.08	17.13
2020-08-23 18:00:01	1	13.03	0.07	17.80
2020-08-23 19:00:01	1	12.47	0.05	18.25
2020-08-23 20:00:01	1	12.27	0.02	18.39
2020-08-23 21:00:01	1	10.02	0.12	19.28
2020-08-23 22:00:01	1	54.47	0.19	29.80
2020-08-23 23:00:01	1	12.31	0.02	20.32
2020-08-24 00:00:01	1	12.44	0.01	20.89
2020-08-24 01:00:01	1	12.32	0.01	20.70
2020-08-24 02:00:01	1	12.12	0.01	20.39
2020-08-24 03:00:01	1	12.42	0.01	19.28
2020-08-24 04:00:01	1	12.84	0.02	19.38
2020-08-24 05:00:01	1	12.33	0.02	19.44
2020-08-24 06:00:01	1	12.51	0.02	19.17
2020-08-24 07:00:01	1	12.63	0.02	19.37
2020-08-24 08:00:01	1	12.65	0.03	19.42
2020-08-24 09:00:01	1	14.32	0.09	19.18
2020-08-24 10:00:01	1	14.06	0.06	18.13
2020-08-24 11:00:01	1	15.16	0.56	19.13
2020-08-24 12:00:01	1	14.74	0.19	17.32
2020-08-24 13:00:01	1	13.48	0.05	14.96
2020-08-24 14:00:01	1	13.63	0.06	14.29
2020-08-24 15:00:01	1	13.15	0.05	14.40
2020-08-24 16:00:01	1	13.14	0.04	14.55
2020-08-24 17:00:01	1	13.81	0.05	14.43
2020-08-24 18:00:01	1	12.79	0.02	15.14
2020-08-24 19:00:01	1	13.01	0.02	15.37
2020-08-24 20:00:01	1	12.54	0.00	15.59
2020-08-24 21:00:01	1	12.44	0.00	16.25
2020-08-24 22:00:01	1	56.87	0.00	26.49
2020-08-24 23:00:01	1	13.40	0.00	17.12
2020-08-25 00:00:01	1	13.16	0.00	17.01
2020-08-25 01:00:01	1	12.88	0.00	16.23
2020-08-25 02:00:01	1	12.92	0.01	16.08
2020-08-25 03:00:01	1	12.89	0.02	16.40
2020-08-25 04:00:01	1	13.06	0.02	16.98
2020-08-25 05:00:01	1	12.98	0.01	17.21
2020-08-25 06:00:01	1	13.10	0.01	16.66
2020-08-25 07:00:01	1	13.04	0.01	16.23
2020-08-25 08:00:01	1	13.29	0.02	15.86
2020-08-25 09:00:01	1	14.10	0.08	15.21
2020-08-25 10:00:01	1	13.71	0.01	14.28
2020-08-25 11:00:01	1	12.89	0.01	13.77
2020-08-25 12:00:01	1	12.60	0.01	13.35
2020-08-25 13:00:01	1	13.30	0.02	13.02
2020-08-25 14:00:01	1	12.86	0.04	13.11

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-25 15:00:01	1	13.50	0.05	12.97
2020-08-25 16:00:01	1	12.71	0.04	14.19
2020-08-25 17:00:01	1	13.52	0.04	14.27
2020-08-25 18:00:01	1	12.56	0.01	14.89
2020-08-25 19:00:01	1	12.61	0.01	14.91
2020-08-25 20:00:01	1	12.52	0.00	14.73
2020-08-25 21:00:01	1	12.68	0.01	14.81
2020-08-25 22:00:01	1	56.18	0.00	24.01
2020-08-25 23:00:01	1	12.79	0.00	14.05
2020-08-26 00:00:01	1	12.84	0.00	14.11
2020-08-26 01:00:01	1	12.90	0.00	14.21
2020-08-26 02:00:01	1	12.93	0.00	14.15
2020-08-26 03:00:01	1	13.07	0.00	14.01
2020-08-26 04:00:01	1	13.53	0.00	14.00
2020-08-26 05:00:01	1	13.22	0.00	14.01
2020-08-26 06:00:01	1	13.29	0.01	13.98
2020-08-26 07:00:01	1	13.31	0.01	14.72
2020-08-26 08:00:01	1	14.57	0.03	14.81
2020-08-26 09:00:01	1	13.67	0.08	14.05
2020-08-26 10:00:01	1	13.40	0.01	13.00
2020-08-26 11:00:01	1	13.23	0.01	12.19
2020-08-26 12:00:01	1	13.07	0.02	11.87
2020-08-26 13:00:01	1	13.63	0.02	11.70
2020-08-26 14:00:01	1	13.68	0.03	11.57
2020-08-26 15:00:01	1	13.32	0.03	11.56
2020-08-26 16:00:01	1	13.75	0.02	11.91
2020-08-26 17:00:01	1	12.94	0.02	12.84
2020-08-26 18:00:01	1	13.19	0.01	13.87
2020-08-26 19:00:01	1	12.48	0.01	14.43
2020-08-26 20:00:01	1	12.83	0.01	14.79
2020-08-26 21:00:01	1	12.48	0.00	14.80
2020-08-26 22:00:01	1	55.47	0.01	24.76
2020-08-26 23:00:01	1	13.04	0.01	15.63
2020-08-27 00:00:01	1	13.05	0.01	15.65
2020-08-27 01:00:01	1	13.05	0.02	15.80
2020-08-27 02:00:01	1	13.10	0.02	15.82
2020-08-27 03:00:01	1	13.58	0.02	15.74
2020-08-27 04:00:01	1	13.72	0.01	15.31
2020-08-27 05:00:01	1	13.19	0.00	14.04
2020-08-27 06:00:01	1	13.77	0.00	12.77
2020-08-27 07:00:01	1	13.53	0.00	12.99
2020-08-27 08:00:01	1	14.48	0.02	12.92
2020-08-27 09:00:01	1	13.69	0.08	13.37
2020-08-27 10:00:01	1	13.22	0.03	13.47
2020-08-27 11:00:01	1	13.32	0.02	12.51
2020-08-27 12:00:01	1	13.21	0.01	11.50

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-27 13:00:01	1	13.44	0.01	11.41
2020-08-27 14:00:01	1	13.31	0.02	10.86
2020-08-27 15:00:01	1	13.36	0.03	10.75
2020-08-27 16:00:01	1	13.04	0.04	10.88
2020-08-27 17:00:01	1	13.96	0.05	11.20
2020-08-27 18:00:01	1	13.12	0.04	12.61
2020-08-27 19:00:01	1	12.71	0.04	13.34
2020-08-27 20:00:01	1	13.14	0.02	14.52
2020-08-27 21:00:01	1	10.96	0.04	15.71
2020-08-27 22:00:01	1	55.93	0.04	26.16
2020-08-27 23:00:01	1	13.04	0.12	18.06
2020-08-28 00:00:01	1	14.03	0.20	19.50
2020-08-28 01:00:01	1	17.18	0.17	19.17
2020-08-28 02:00:01	1	24.11	0.07	17.80
2020-08-28 03:00:01	1	17.65	0.11	17.74
2020-08-28 04:00:01	1	14.53	0.09	17.70
2020-08-28 05:00:01	1	14.33	0.05	17.59
2020-08-28 06:00:01	1	13.98	0.01	17.82
2020-08-28 07:00:01	1	13.36	0.02	18.43
2020-08-28 08:00:01	1	14.19	0.04	17.18
2020-08-28 09:00:01	1	13.57	0.11	16.22
2020-08-28 10:00:01	1	14.23	0.03	15.84
2020-08-28 11:00:01	1	14.13	0.07	15.81
2020-08-28 12:00:01	1	14.37	0.16	16.49
2020-08-28 13:00:01	1	15.78	0.15	16.03
2020-08-28 14:00:01	1	17.80	0.07	16.73
2020-08-28 15:00:01	1	17.72	0.14	17.56
2020-08-28 16:00:01	1	15.07	0.20	18.06
2020-08-28 17:00:01	1	13.72	0.03	16.34
2020-08-28 18:00:01	1	13.35	0.02	16.65
2020-08-28 19:00:01	1	13.80	0.04	18.20
2020-08-28 20:00:01	1	14.17	0.04	19.50
2020-08-28 21:00:01	1	14.50	0.04	19.09
2020-08-28 22:00:01	1	55.62	0.03	29.37
2020-08-28 23:00:01	1	13.54	0.02	19.58
2020-08-29 00:00:01	1	13.53	0.03	19.95
2020-08-29 01:00:01	1	13.63	0.02	20.15
2020-08-29 02:00:01	1	13.67	0.03	20.50
2020-08-29 03:00:01	1	13.70	0.04	20.97
2020-08-29 04:00:01	1	14.50	0.03	20.51
2020-08-29 05:00:01	1	14.51	0.02	20.43
2020-08-29 06:00:01	1	13.07	0.02	18.48
2020-08-29 07:00:01	1	14.04	0.00	17.93
2020-08-29 08:00:01	1	15.47	0.01	17.44
2020-08-29 09:00:01	1	18.24	0.09	16.70
2020-08-29 10:00:01	1	13.92	0.03	16.47

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-29 11:00:01	1	14.38	0.02	15.37
2020-08-29 12:00:01	1	13.44	0.02	14.75
2020-08-29 13:00:01	1	13.47	0.01	14.24
2020-08-29 14:00:01	1	14.04	0.03	14.70
2020-08-29 15:00:01	1	13.90	0.03	15.83
2020-08-29 16:00:01	1	13.66	0.01	15.98
2020-08-29 17:00:01	1	13.62	0.01	16.16
2020-08-29 18:00:01	1	13.43	0.01	16.36
2020-08-29 19:00:01	1	13.68	0.02	16.28
2020-08-29 20:00:01	1	13.96	0.01	16.60
2020-08-29 21:00:01	1	15.27	0.01	16.46
2020-08-29 22:00:01	1	57.40	0.02	27.24
2020-08-29 23:00:01	1	14.09	0.03	19.38
2020-08-30 00:00:01	1	13.29	0.06	20.26
2020-08-30 01:00:01	1	12.75	0.01	18.98
2020-08-30 02:00:01	1	13.03	0.00	17.62
2020-08-30 03:00:01	1	13.54	0.01	18.92
2020-08-30 04:00:01	1	13.35	0.01	19.24
2020-08-30 05:00:01	1	13.35	0.01	19.29
2020-08-30 06:00:01	1	13.20	0.01	19.32
2020-08-30 07:00:01	1	13.40	0.01	18.95
2020-08-30 08:00:01	1	13.00	0.05	18.93
2020-08-30 09:00:01	1	13.16	0.13	19.30
2020-08-30 10:00:01	1	12.80	0.04	18.94
2020-08-30 11:00:01	1	13.12	0.03	17.67
2020-08-30 12:00:01	1	13.80	0.00	16.75
2020-08-30 13:00:01	1	13.56	0.01	16.26
2020-08-30 14:00:01	1	13.17	0.05	15.90
2020-08-30 15:00:01	1	13.03	0.02	15.24
2020-08-30 16:00:01	1	13.00	0.02	15.28
2020-08-30 17:00:01	1	13.19	0.01	15.79
2020-08-30 18:00:01	1	13.64	0.01	16.36
2020-08-30 19:00:01	1	12.87	0.02	16.49
2020-08-30 20:00:01	1	12.75	0.02	17.33
2020-08-30 21:00:01	1	10.25	0.02	17.90
2020-08-30 22:00:01	1	62.70	0.02	28.82
2020-08-30 23:00:01	1	14.69	0.02	20.23
2020-08-31 00:00:01	1	13.46	0.02	20.18
2020-08-31 01:00:01	1	13.76	0.05	20.12
2020-08-31 02:00:01	1	12.84	0.03	20.03
2020-08-31 03:00:01	1	13.66	0.02	19.40
2020-08-31 04:00:01	1	13.05	0.01	19.18
2020-08-31 05:00:01	1	13.68	0.01	18.95
2020-08-31 06:00:01	1	13.32	0.01	19.05
2020-08-31 07:00:01	1	13.53	0.04	20.05
2020-08-31 08:00:01	1	13.75	0.02	20.58

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-08-31 09:00:01	1	12.41	0.09	19.67
2020-08-31 10:00:01	1	13.99	0.02	19.88
2020-08-31 11:00:01	1	13.78	0.10	19.24
2020-08-31 12:00:01	1	13.23	0.09	18.04
2020-08-31 13:00:01	1	13.23	0.01	16.50
2020-08-31 14:00:01	1	13.25	0.01	15.55
2020-08-31 15:00:01	1	12.99	0.02	15.69
2020-08-31 16:00:01	1	13.01	0.01	15.33
2020-08-31 17:00:01	1	13.00	0.00	15.43
2020-08-31 18:00:01	1	12.69	0.00	16.02
2020-08-31 19:00:01	1	13.07	0.02	16.68
2020-08-31 20:00:01	1	14.26	0.03	17.36
2020-08-31 21:00:01	1	13.71	0.04	19.62
2020-08-31 22:00:01	1	52.28	0.08	30.29
2020-08-31 23:00:01	1	13.71	0.03	20.43
2020-09-01 00:00:01	1	13.15	0.01	20.91
2020-09-01 01:00:01	1	12.64	0.01	20.43
2020-09-01 02:00:01	1	14.03	0.00	19.73
2020-09-01 03:00:01	1	12.86	0.00	19.66
2020-09-01 04:00:01	1	14.03	0.00	19.84
2020-09-01 05:00:01	1	13.21	0.00	20.47
2020-09-01 06:00:01	1	13.05	0.00	19.91
2020-09-01 07:00:01	1	13.60	0.01	19.76
2020-09-01 08:00:01	1	14.28	0.01	19.96
2020-09-01 09:00:01	1	13.86	0.14	19.66
2020-09-01 10:00:01	1	15.10	0.34	20.62
2020-09-01 11:00:01	1	14.99	0.43	21.59
2020-09-01 12:00:01	1	13.10	0.21	19.36
2020-09-01 13:00:01	1	12.80	0.25	19.40
2020-09-01 14:00:01	1	13.58	0.08	18.02
2020-09-01 15:00:01	1	13.86	0.05	18.42
2020-09-01 16:00:01	1	13.25	0.04	20.36
2020-09-01 17:00:01	1	13.14	0.02	20.67
2020-09-01 18:00:01	1	13.39	0.03	20.42
2020-09-01 19:00:01	1	13.46	0.05	18.77
2020-09-01 20:00:01	1	12.51	0.02	19.83
2020-09-01 21:00:01	1	13.12	0.01	19.71
2020-09-01 22:00:01	1	56.53	0.02	31.36
2020-09-01 23:00:01	1	13.02	0.07	24.18
2020-09-02 00:00:01	1	13.20	0.02	23.51
2020-09-02 01:00:01	1	12.56	0.00	22.39
2020-09-02 02:00:01	1	13.53	0.01	21.26
2020-09-02 03:00:01	1	13.91	0.04	21.47
2020-09-02 04:00:01	1	13.23	0.05	22.72
2020-09-02 05:00:01	1	12.68	0.00	22.57
2020-09-02 06:00:01	1	13.41	0.01	22.57

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-02 07:00:01	1	13.62	0.05	22.84
2020-09-02 08:00:01	1	16.02	0.10	22.94
2020-09-02 09:00:01	1	26.55	0.12	21.69
2020-09-02 10:00:01	1	12.19	0.10	21.11
2020-09-02 11:00:01	1	13.77	0.04	19.93
2020-09-02 12:00:01	1	12.85	0.04	19.09
2020-09-02 13:00:01	1	13.90	0.07	18.77
2020-09-02 14:00:01	1	13.86	0.09	18.86
2020-09-02 15:00:01	1	13.88	0.18	20.47
2020-09-02 16:00:01	1	17.59	0.03	20.24
2020-09-02 17:00:01	1	13.16	0.08	21.28
2020-09-02 18:00:01	1	13.69	0.02	21.70
2020-09-02 19:00:01	1	12.89	0.02	21.99
2020-09-02 20:00:01	1	12.65	0.01	22.40
2020-09-02 21:00:01	1	13.33	0.02	22.61
2020-09-02 22:00:01	1	56.37	0.06	33.24
2020-09-02 23:00:01	1	13.46	0.08	24.77
2020-09-03 00:00:01	1	13.07	0.03	24.41
2020-09-03 01:00:01	1	13.12	0.02	24.04
2020-09-03 02:00:01	1	12.89	0.01	22.55
2020-09-03 03:00:01	1	12.90	0.00	20.60
2020-09-03 04:00:01	1	12.90	0.00	20.82
2020-09-03 05:00:01	1	13.21	0.00	20.74
2020-09-03 06:00:01	1	13.43	0.00	21.06
2020-09-03 07:00:01	1	13.28	0.00	21.29
2020-09-03 08:00:01	1	14.72	0.04	21.87
2020-09-03 09:00:01	1	13.74	0.12	22.67
2020-09-03 10:00:01	1	13.78	0.02	22.31
2020-09-03 11:00:01	1	13.34	0.04	20.41
2020-09-03 12:00:01	1	14.21	0.07	19.18
2020-09-03 13:00:01	1	14.48	0.14	18.86
2020-09-03 14:00:01	1	14.26	0.19	18.40
2020-09-03 15:00:01	1	14.50	0.23	18.36
2020-09-03 16:00:01	1	14.66	0.20	19.10
2020-09-03 17:00:01	1	14.88	0.28	20.95
2020-09-03 18:00:01	1	14.70	0.30	21.58
2020-09-03 19:00:01	1	19.10	0.15	23.11
2020-09-03 20:00:01	1	16.72	0.06	23.35
2020-09-03 21:00:01	1	14.11	0.06	23.09
2020-09-03 22:00:01	1	56.74	0.02	30.75
2020-09-03 23:00:01	1	14.26	0.00	21.19
2020-09-04 00:00:01	1	14.01	0.00	21.17
2020-09-04 01:00:01	1	14.03	0.00	21.70
2020-09-04 02:00:01	1	14.30	0.00	21.53
2020-09-04 03:00:01	1	15.38	0.00	21.40
2020-09-04 04:00:01	1	15.90	0.14	23.36

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-04 05:00:01	1	15.28	0.26	25.61
2020-09-04 06:00:01	1	14.15	0.05	24.60
2020-09-04 07:00:01	1	14.12	0.03	24.46
2020-09-04 08:00:01	1	16.32	0.03	24.31
2020-09-04 09:00:01	1	17.43	0.12	23.59
2020-09-04 10:00:01	1	15.44	0.08	22.33
2020-09-04 11:00:01	1	16.31	0.25	23.28
2020-09-04 12:00:01	1	17.07	0.35	23.65
2020-09-04 13:00:01	1	18.82	0.17	21.70
2020-09-04 14:00:01	1	16.00	0.25	20.94
2020-09-04 15:00:01	1	15.46	0.21	20.81
2020-09-04 16:00:01	1	15.23	0.13	20.74
2020-09-04 17:00:01	1	14.39	0.06	21.64
2020-09-04 18:00:01	1	14.82	0.05	22.55
2020-09-04 19:00:01	1	14.03	0.01	22.93
2020-09-04 20:00:01	1	13.53	0.01	22.75
2020-09-04 21:00:01	1	14.07	0.01	22.87
2020-09-04 22:00:01	1	57.03	0.01	32.01
2020-09-04 23:00:01	1	14.07	0.01	22.05
2020-09-05 00:00:01	1	14.13	0.00	21.66
2020-09-05 01:00:01	1	14.71	0.00	21.45
2020-09-05 02:00:01	1	14.15	0.01	21.60
2020-09-05 03:00:01	1	14.01	0.01	21.32
2020-09-05 04:00:01	1	15.04	0.01	21.14
2020-09-05 05:00:01	1	13.78	0.02	22.33
2020-09-05 06:00:01	1	14.33	0.00	22.84
2020-09-05 07:00:01	1	15.08	0.03	22.95
2020-09-05 08:00:01	1	17.19	0.19	24.37
2020-09-05 09:00:01	1	18.46	0.37	25.51
2020-09-05 10:00:01	1	14.51	0.18	23.98
2020-09-05 11:00:01	1	14.04	0.05	21.81
2020-09-05 12:00:01	1	14.75	0.03	20.89
2020-09-05 13:00:01	1	14.45	0.03	21.79
2020-09-05 14:00:01	1	14.34	0.08	20.83
2020-09-05 15:00:01	1	14.74	0.06	20.87
2020-09-05 16:00:01	1	15.36	0.08	21.04
2020-09-05 17:00:01	1	14.51	0.09	21.78
2020-09-05 18:00:01	1	14.70	0.05	22.20
2020-09-05 19:00:01	1	13.98	0.04	22.19
2020-09-05 20:00:01	1	13.89	0.02	22.43
2020-09-05 21:00:01	1	15.46	0.03	23.03
2020-09-05 22:00:01	1	57.18	0.04	33.11
2020-09-05 23:00:01	1	14.75	0.03	24.16
2020-09-06 00:00:01	1	14.28	0.04	24.57
2020-09-06 01:00:01	1	14.60	0.03	25.13
2020-09-06 02:00:01	1	14.45	0.03	25.33

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-06 03:00:01	1	14.43	0.03	25.51
2020-09-06 04:00:01	1	14.49	0.03	25.84
2020-09-06 05:00:01	1	14.26	0.03	26.37
2020-09-06 06:00:01	1	14.08	0.03	26.13
2020-09-06 07:00:01	1	14.74	0.03	26.37
2020-09-06 08:00:01	1	16.62	0.04	26.38
2020-09-06 09:00:01	1	19.56	0.20	25.47
2020-09-06 10:00:01	1	14.06	0.42	24.58
2020-09-06 11:00:01	1	15.10	0.09	22.81
2020-09-06 12:00:01	1	15.16	0.17	22.37
2020-09-06 13:00:01	1	15.45	0.17	22.19
2020-09-06 14:00:01	1	15.70	0.20	20.81
2020-09-06 15:00:01	1	17.15	0.22	20.93
2020-09-06 16:00:01	1	19.46	0.15	22.14
2020-09-06 17:00:01	1	17.29	0.07	23.28
2020-09-06 18:00:01	1	14.90	0.04	23.98
2020-09-06 19:00:01	1	14.07	0.03	24.44
2020-09-06 20:00:01	1	15.47	0.01	24.53
2020-09-06 21:00:01	1	16.45	0.02	24.74
2020-09-06 22:00:01	1	57.04	0.02	34.70
2020-09-06 23:00:01	1	14.12	0.04	25.17
2020-09-07 00:00:01	1	14.75	0.02	25.13
2020-09-07 01:00:01	1	14.01	0.01	25.59
2020-09-07 02:00:01	1	14.91	0.01	25.60
2020-09-07 03:00:01	1	14.48	0.01	25.86
2020-09-07 04:00:01	1	14.11	0.00	26.06
2020-09-07 05:00:01	1	14.41	0.00	25.81
2020-09-07 06:00:01	1	14.33	0.01	25.53
2020-09-07 07:00:01	1	14.88	0.02	25.62
2020-09-07 08:00:01	1	15.22	0.06	25.58
2020-09-07 09:00:01	1	14.00	0.07	25.29
2020-09-07 10:00:01	1	14.47	0.02	24.25
2020-09-07 11:00:01	1	14.29	0.02	23.47
2020-09-07 12:00:01	1	14.99	0.03	22.80
2020-09-07 13:00:01	1	14.70	0.04	22.95
2020-09-07 14:00:01	1	15.02	0.03	22.90
2020-09-07 15:00:01	1	14.82	0.08	23.53
2020-09-07 16:00:01	1	15.79	0.10	23.75
2020-09-07 17:00:01	1	15.45	0.16	24.16
2020-09-07 18:00:01	1	14.76	0.09	24.70
2020-09-07 19:00:01	1	14.45	0.03	24.91
2020-09-07 20:00:01	1	15.63	0.01	24.85
2020-09-07 21:00:01	1	16.08	0.03	25.24
2020-09-07 22:00:01	1	56.23	0.02	34.64
2020-09-07 23:00:01	1	14.23	0.01	24.81
2020-09-08 00:00:01	1	14.26	0.00	24.85

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-08 01:00:01	1	14.35	0.00	24.80
2020-09-08 02:00:01	1	14.48	0.00	25.01
2020-09-08 03:00:01	1	14.56	0.00	25.28
2020-09-08 04:00:01	1	14.12	0.00	25.54
2020-09-08 05:00:01	1	14.75	0.01	25.15
2020-09-08 06:00:01	1	14.56	0.02	25.58
2020-09-08 07:00:01	1	14.19	0.02	25.98
2020-09-08 08:00:01	1	12.95	0.04	25.45
2020-09-08 09:00:01	1	15.33	0.11	23.91
2020-09-08 10:00:01	1	14.99	0.04	21.65
2020-09-08 11:00:01	1	14.98	0.04	20.74
2020-09-08 12:00:01	1	15.02	0.14	21.23
2020-09-08 13:00:01	1	15.57	0.20	21.57
2020-09-08 14:00:01	1	16.18	0.23	21.89
2020-09-08 15:00:01	1	17.45	0.28	21.75
2020-09-08 16:00:01	1	21.08	0.08	19.98
2020-09-08 17:00:01	1	16.50	0.05	21.12
2020-09-08 18:00:01	1	16.23	0.02	22.32
2020-09-08 19:00:01	1	15.16	0.02	22.03
2020-09-08 20:00:01	1	29.57	0.02	21.10
2020-09-08 21:00:01	1	43.76	0.01	20.48
2020-09-08 22:00:01	1	57.13	0.01	30.59
2020-09-08 23:00:01	1	15.03	0.01	20.68
2020-09-09 00:00:01	1	15.79	0.02	21.44
2020-09-09 01:00:01	1	15.75	0.02	22.61
2020-09-09 02:00:01	1	14.67	0.01	22.21
2020-09-09 03:00:01	1	15.29	0.00	21.10
2020-09-09 04:00:01	1	16.21	0.00	20.82
2020-09-09 05:00:01	1	15.67	0.03	21.35
2020-09-09 06:00:01	1	14.71	0.01	21.66
2020-09-09 07:00:01	1	15.84	0.01	21.33
2020-09-09 08:00:01	1	17.05	0.04	20.22
2020-09-09 09:00:01	1	17.52	0.09	19.65
2020-09-09 10:00:01	1	15.55	0.03	19.27
2020-09-09 11:00:01	1	15.37	0.03	18.58
2020-09-09 12:00:01	1	15.56	0.03	17.50
2020-09-09 13:00:01	1	15.26	0.03	17.41
2020-09-09 14:00:01	1	15.99	0.05	19.12
2020-09-09 15:00:01	1	15.63	0.06	18.72
2020-09-09 16:00:01	1	16.10	0.05	19.66
2020-09-09 17:00:01	1	15.62	0.04	20.61
2020-09-09 18:00:01	1	15.28	0.02	21.02
2020-09-09 19:00:01	1	15.10	0.01	20.87
2020-09-09 20:00:01	1	16.57	0.01	20.15
2020-09-09 21:00:01	1	17.10	0.00	20.03
2020-09-09 22:00:01	1	56.93	0.00	29.38

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-09 23:00:01	1	15.28	0.00	20.23
2020-09-10 00:00:01	1	15.49	0.01	20.49
2020-09-10 01:00:01	1	15.58	0.00	20.50
2020-09-10 02:00:01	1	15.19	0.00	20.49
2020-09-10 03:00:01	1	15.18	0.00	20.39
2020-09-10 04:00:01	1	15.62	0.00	20.28
2020-09-10 05:00:01	1	16.12	0.01	20.65
2020-09-10 06:00:01	1	14.92	0.01	20.97
2020-09-10 07:00:01	1	14.96	0.01	20.86
2020-09-10 08:00:01	1	16.27	0.02	20.45
2020-09-10 09:00:01	1	17.05	0.09	19.35
2020-09-10 10:00:01	1	16.16	0.03	18.64
2020-09-10 11:00:01	1	15.51	0.03	17.45
2020-09-10 12:00:01	1	15.81	0.02	17.11
2020-09-10 13:00:01	1	15.92	0.01	16.92
2020-09-10 14:00:01	1	16.29	0.03	17.14
2020-09-10 15:00:01	1	15.62	0.08	18.66
2020-09-10 16:00:01	1	16.26	0.05	20.11
2020-09-10 17:00:01	1	15.70	0.06	20.92
2020-09-10 18:00:01	1	15.66	0.03	21.21
2020-09-10 19:00:01	1	15.36	0.02	21.86
2020-09-10 20:00:01	1	15.70	0.00	22.32
2020-09-10 21:00:01	1	15.27	0.00	22.46
2020-09-10 22:00:01	1	57.50	0.00	31.99
2020-09-10 23:00:01	1	15.07	0.00	22.53
2020-09-11 00:00:01	1	14.94	0.00	22.56
2020-09-11 01:00:01	1	15.04	0.00	21.98
2020-09-11 02:00:01	1	15.05	0.00	21.37
2020-09-11 03:00:01	1	15.43	0.00	20.80
2020-09-11 04:00:01	1	15.46	0.00	20.58
2020-09-11 05:00:01	1	15.55	0.00	21.06
2020-09-11 06:00:01	1	15.03	0.01	21.41
2020-09-11 07:00:01	1	15.15	0.01	21.26
2020-09-11 08:00:01	1	15.31	0.02	20.68
2020-09-11 09:00:01	1	16.60	0.09	19.74
2020-09-11 10:00:01	1	15.53	0.03	18.52
2020-09-11 11:00:01	1	15.18	0.03	17.60
2020-09-11 12:00:01	1	15.67	0.03	17.13
2020-09-11 13:00:01	1	16.26	0.03	17.48
2020-09-11 14:00:01	1	15.22	0.03	18.51
2020-09-11 15:00:01	1	15.26	0.03	18.01
2020-09-11 16:00:01	1	15.67	0.03	17.55
2020-09-11 17:00:01	1	15.12	0.03	17.97
2020-09-11 18:00:01	1	15.38	0.03	18.62
2020-09-11 19:00:01	1	14.98	0.03	19.49
2020-09-11 20:00:01	1	15.54	0.03	20.45

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-11 21:00:01	1	16.16	0.04	20.63
2020-09-11 22:00:01	1	57.54	0.04	29.90
2020-09-11 23:00:01	1	15.54	0.03	20.61
2020-09-12 00:00:01	1	15.45	0.03	20.70
2020-09-12 01:00:01	1	15.80	0.03	19.52
2020-09-12 02:00:01	1	15.71	0.03	18.67
2020-09-12 03:00:01	1	15.54	0.03	19.17
2020-09-12 04:00:01	1	15.77	0.03	19.71
2020-09-12 05:00:01	1	15.88	0.03	20.01
2020-09-12 06:00:01	1	15.12	0.03	19.74
2020-09-12 07:00:01	1	15.65	0.03	19.64
2020-09-12 08:00:01	1	17.82	0.03	19.51
2020-09-12 09:00:01	1	16.34	0.04	19.37
2020-09-12 10:00:01	1	16.60	0.03	19.07
2020-09-12 11:00:01	1	16.28	0.03	21.36
2020-09-12 12:00:01	1	16.26	0.03	22.18
2020-09-12 13:00:01	1	15.48	0.03	21.34
2020-09-12 14:00:01	1	16.36	0.03	20.64
2020-09-12 15:00:01	1	15.68	0.03	18.64
2020-09-12 16:00:01	1	15.87	0.03	16.88
2020-09-12 17:00:01	1	16.77	0.03	16.07
2020-09-12 18:00:01	1	16.79	0.03	17.71
2020-09-12 19:00:01	0.350277778	0.00	0.00	0.00
2020-09-12 20:00:01	0	0.00	0.00	0.00
2020-09-12 21:00:01	0	0.00	0.00	0.00
2020-09-12 22:00:01	0	0.00	0.00	0.00
2020-09-12 23:00:01	0	0.00	0.00	0.00
2020-09-13 00:00:01	0	0.00	0.00	0.00
2020-09-13 01:00:01	0	0.00	0.00	0.00
2020-09-13 02:00:01	0	0.00	0.00	0.00
2020-09-13 03:00:01	0	0.00	0.00	0.00
2020-09-13 04:00:01	0	0.00	0.00	0.00
2020-09-13 05:00:01	0	0.00	0.00	0.00
2020-09-13 06:00:01	0	0.00	0.00	0.00
2020-09-13 07:00:01	0	0.00	0.00	0.00
2020-09-13 08:00:01	0	0.00	0.00	0.00
2020-09-13 09:00:01	0	0.00	0.00	0.00
2020-09-13 10:00:01	0	0.00	0.00	0.00
2020-09-13 11:00:01	0	0.00	0.00	0.00
2020-09-13 12:00:01	0	0.00	0.00	0.00
2020-09-13 13:00:01	0	0.00	0.00	0.00
2020-09-13 14:00:01	0	0.00	0.00	0.00
2020-09-13 15:00:01	0	0.00	0.00	0.00
2020-09-13 16:00:01	0	0.00	0.00	0.00
2020-09-13 17:00:01	0	0.00	0.00	0.00
2020-09-13 18:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-13 19:00:01	0	0.00	0.00	0.00
2020-09-13 20:00:01	0	0.00	0.00	0.00
2020-09-13 21:00:01	0	0.00	0.00	0.00
2020-09-13 22:00:01	0	0.00	0.00	0.00
2020-09-13 23:00:01	0	0.00	0.00	0.00
2020-09-14 00:00:01	0	0.00	0.00	0.00
2020-09-14 01:00:01	0	0.00	0.00	0.00
2020-09-14 02:00:01	0	0.00	0.00	0.00
2020-09-14 03:00:01	0	0.00	0.00	0.00
2020-09-14 04:00:01	0	0.00	0.00	0.00
2020-09-14 05:00:01	0	0.00	0.00	0.00
2020-09-14 06:00:01	0	0.00	0.00	0.00
2020-09-14 07:00:01	0	0.00	0.00	0.00
2020-09-14 08:00:01	0	0.00	0.00	0.00
2020-09-14 09:00:01	0	0.00	0.00	0.00
2020-09-14 10:00:01	0	0.00	0.00	0.00
2020-09-14 11:00:01	0	0.00	0.00	0.00
2020-09-14 12:00:01	0	0.00	0.00	0.00
2020-09-14 13:00:01	0	0.00	0.00	0.00
2020-09-14 14:00:01	0	0.00	0.00	0.00
2020-09-14 15:00:01	0	0.00	0.00	0.00
2020-09-14 16:00:01	0	0.00	0.00	0.00
2020-09-14 17:00:01	0	0.00	0.00	0.00
2020-09-14 18:00:01	0	0.00	0.00	0.00
2020-09-14 19:00:01	0	0.00	0.00	0.00
2020-09-14 20:00:01	0	0.00	0.00	0.00
2020-09-14 21:00:01	0	0.00	0.00	0.00
2020-09-14 22:00:01	0	0.00	0.00	0.00
2020-09-14 23:00:01	0	0.00	0.00	0.00
2020-09-15 00:00:01	0	0.00	0.00	0.00
2020-09-15 01:00:01	0	0.00	0.00	0.00
2020-09-15 02:00:01	0	0.00	0.00	0.00
2020-09-15 03:00:01	0	0.00	0.00	0.00
2020-09-15 04:00:01	0	0.00	0.00	0.00
2020-09-15 05:00:01	0	0.00	0.00	0.00
2020-09-15 06:00:01	0	0.00	0.00	0.00
2020-09-15 07:00:01	0	0.00	0.00	0.00
2020-09-15 08:00:01	0	0.00	0.00	0.00
2020-09-15 09:00:01	0	0.00	0.00	0.00
2020-09-15 10:00:01	0	0.00	0.00	0.00
2020-09-15 11:00:01	0	0.00	0.00	0.00
2020-09-15 12:00:01	0	0.00	0.00	0.00
2020-09-15 13:00:01	0	0.00	0.00	0.00
2020-09-15 14:00:01	0	0.00	0.00	0.00
2020-09-15 15:00:01	0	0.00	0.00	0.00
2020-09-15 16:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-15 17:00:01	0	0.00	0.00	0.00
2020-09-15 18:00:01	0	0.00	0.00	0.00
2020-09-15 19:00:01	0	0.00	0.00	0.00
2020-09-15 20:00:01	0	0.00	0.00	0.00
2020-09-15 21:00:01	0	0.00	0.00	0.00
2020-09-15 22:00:01	0	0.00	0.00	0.00
2020-09-15 23:00:01	0	0.00	0.00	0.00
2020-09-16 00:00:01	0	0.00	0.00	0.00
2020-09-16 01:00:01	0	0.00	0.00	0.00
2020-09-16 02:00:01	0	0.00	0.00	0.00
2020-09-16 03:00:01	0	0.00	0.00	0.00
2020-09-16 04:00:01	0	0.00	0.00	0.00
2020-09-16 05:00:01	0	0.00	0.00	0.00
2020-09-16 06:00:01	0	0.00	0.00	0.00
2020-09-16 07:00:01	0	0.00	0.00	0.00
2020-09-16 08:00:01	0	0.00	0.00	0.00
2020-09-16 09:00:01	0	0.00	0.00	0.00
2020-09-16 10:00:01	0	0.00	0.00	0.00
2020-09-16 11:00:01	0	0.00	0.00	0.00
2020-09-16 12:00:01	0	0.00	0.00	0.00
2020-09-16 13:00:01	0	0.00	0.00	0.00
2020-09-16 14:00:01	0	0.00	0.00	0.00
2020-09-16 15:00:01	0	0.00	0.00	0.00
2020-09-16 16:00:01	0	0.00	0.00	0.00
2020-09-16 17:00:01	0	0.00	0.00	0.00
2020-09-16 18:00:01	0	0.00	0.00	0.00
2020-09-16 19:00:01	0	0.00	0.00	0.00
2020-09-16 20:00:01	0	0.00	0.00	0.00
2020-09-16 21:00:01	0	0.00	0.00	0.00
2020-09-16 22:00:01	0	0.00	0.00	0.00
2020-09-16 23:00:01	0	0.00	0.00	0.00
2020-09-17 00:00:01	0	0.00	0.00	0.00
2020-09-17 01:00:01	0	0.00	0.00	0.00
2020-09-17 02:00:01	0	0.00	0.00	0.00
2020-09-17 03:00:01	0	0.00	0.00	0.00
2020-09-17 04:00:01	0	0.00	0.00	0.00
2020-09-17 05:00:01	0	0.00	0.00	0.00
2020-09-17 06:00:01	0	0.00	0.00	0.00
2020-09-17 07:00:01	0	0.00	0.00	0.00
2020-09-17 08:00:01	0	0.00	0.00	0.00
2020-09-17 09:00:01	0	0.00	0.00	0.00
2020-09-17 10:00:01	0	0.00	0.00	0.00
2020-09-17 11:00:01	0	0.00	0.00	0.00
2020-09-17 12:00:01	0	0.00	0.00	0.00
2020-09-17 13:00:01	0	0.00	0.00	0.00
2020-09-17 14:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-17 15:00:01	0	0.00	0.00	0.00
2020-09-17 16:00:01	0	0.00	0.00	0.00
2020-09-17 17:00:01	0	0.00	0.00	0.00
2020-09-17 18:00:01	0	0.00	0.00	0.00
2020-09-17 19:00:01	0	0.00	0.00	0.00
2020-09-17 20:00:01	0	0.00	0.00	0.00
2020-09-17 21:00:01	0	0.00	0.00	0.00
2020-09-17 22:00:01	0	0.00	0.00	0.00
2020-09-17 23:00:01	0	0.00	0.00	0.00
2020-09-18 00:00:01	0	0.00	0.00	0.00
2020-09-18 01:00:01	0	0.00	0.00	0.00
2020-09-18 02:00:01	0	0.00	0.00	0.00
2020-09-18 03:00:01	0	0.00	0.00	0.00
2020-09-18 04:00:01	0	0.00	0.00	0.00
2020-09-18 05:00:01	0	0.00	0.00	0.00
2020-09-18 06:00:01	0	0.00	0.00	0.00
2020-09-18 07:00:01	0	0.00	0.00	0.00
2020-09-18 08:00:01	0	0.00	0.00	0.00
2020-09-18 09:00:01	0	0.00	0.00	0.00
2020-09-18 10:00:01	0	0.00	0.00	0.00
2020-09-18 11:00:01	0	0.00	0.00	0.00
2020-09-18 12:00:01	0	0.00	0.00	0.00
2020-09-18 13:00:01	0	0.00	0.00	0.00
2020-09-18 14:00:01	0	0.00	0.00	0.00
2020-09-18 15:00:01	0	0.00	0.00	0.00
2020-09-18 16:00:01	0	0.00	0.00	0.00
2020-09-18 17:00:01	0	0.00	0.00	0.00
2020-09-18 18:00:01	0	0.00	0.00	0.00
2020-09-18 19:00:01	0	0.00	0.00	0.00
2020-09-18 20:00:01	0	0.00	0.00	0.00
2020-09-18 21:00:01	0	0.00	0.00	0.00
2020-09-18 22:00:01	0	0.00	0.00	0.00
2020-09-18 23:00:01	0	0.00	0.00	0.00
2020-09-19 00:00:01	0	0.00	0.00	0.00
2020-09-19 01:00:01	0	0.00	0.00	0.00
2020-09-19 02:00:01	0	0.00	0.00	0.00
2020-09-19 03:00:01	0	0.00	0.00	0.00
2020-09-19 04:00:01	0	0.00	0.00	0.00
2020-09-19 05:00:01	0	0.00	0.00	0.00
2020-09-19 06:00:01	0	0.00	0.00	0.00
2020-09-19 07:00:01	0	0.00	0.00	0.00
2020-09-19 08:00:01	0	0.00	0.00	0.00
2020-09-19 09:00:01	0	0.00	0.00	0.00
2020-09-19 10:00:01	0	0.00	0.00	0.00
2020-09-19 11:00:01	0	0.00	0.00	0.00
2020-09-19 12:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-19 13:00:01	0	0.00	0.00	0.00
2020-09-19 14:00:01	0	0.00	0.00	0.00
2020-09-19 15:00:01	0	0.00	0.00	0.00
2020-09-19 16:00:01	0	0.00	0.00	0.00
2020-09-19 17:00:01	0	0.00	0.00	0.00
2020-09-19 18:00:01	0	0.00	0.00	0.00
2020-09-19 19:00:01	0	0.00	0.00	0.00
2020-09-19 20:00:01	0	0.00	0.00	0.00
2020-09-19 21:00:01	0	0.00	0.00	0.00
2020-09-19 22:00:01	0	0.00	0.00	0.00
2020-09-19 23:00:01	0	0.00	0.00	0.00
2020-09-20 00:00:01	0	0.00	0.00	0.00
2020-09-20 01:00:01	0	0.00	0.00	0.00
2020-09-20 02:00:01	0	0.00	0.00	0.00
2020-09-20 03:00:01	0	0.00	0.00	0.00
2020-09-20 04:00:01	0	0.00	0.00	0.00
2020-09-20 05:00:01	0	0.00	0.00	0.00
2020-09-20 06:00:01	0	0.00	0.00	0.00
2020-09-20 07:00:01	0	0.00	0.00	0.00
2020-09-20 08:00:01	0	0.00	0.00	0.00
2020-09-20 09:00:01	0	0.00	0.00	0.00
2020-09-20 10:00:01	0	0.00	0.00	0.00
2020-09-20 11:00:01	0	0.00	0.00	0.00
2020-09-20 12:00:01	0	0.00	0.00	0.00
2020-09-20 13:00:01	0	0.00	0.00	0.00
2020-09-20 14:00:01	0	0.00	0.00	0.00
2020-09-20 15:00:01	0	0.00	0.00	0.00
2020-09-20 16:00:01	0	0.00	0.00	0.00
2020-09-20 17:00:01	0	0.00	0.00	0.00
2020-09-20 18:00:01	0	0.00	0.00	0.00
2020-09-20 19:00:01	0	0.00	0.00	0.00
2020-09-20 20:00:01	0	0.00	0.00	0.00
2020-09-20 21:00:01	0	0.00	0.00	0.00
2020-09-20 22:00:01	0	0.00	0.00	0.00
2020-09-20 23:00:01	0	0.00	0.00	0.00
2020-09-21 00:00:01	0	0.00	0.00	0.00
2020-09-21 01:00:01	0	0.00	0.00	0.00
2020-09-21 02:00:01	0	0.00	0.00	0.00
2020-09-21 03:00:01	0	0.00	0.00	0.00
2020-09-21 04:00:01	0	0.00	0.00	0.00
2020-09-21 05:00:01	0	0.00	0.00	0.00
2020-09-21 06:00:01	0	0.00	0.00	0.00
2020-09-21 07:00:01	0	0.00	0.00	0.00
2020-09-21 08:00:01	0	0.00	0.00	0.00
2020-09-21 09:00:01	0	0.00	0.00	0.00
2020-09-21 10:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-21 11:00:01	0	0.00	0.00	0.00
2020-09-21 12:00:01	0	0.00	0.00	0.00
2020-09-21 13:00:01	0	0.00	0.00	0.00
2020-09-21 14:00:01	0	0.00	0.00	0.00
2020-09-21 15:00:01	0	0.00	0.00	0.00
2020-09-21 16:00:01	0	0.00	0.00	0.00
2020-09-21 17:00:01	0	0.00	0.00	0.00
2020-09-21 18:00:01	0	0.00	0.00	0.00
2020-09-21 19:00:01	0	0.00	0.00	0.00
2020-09-21 20:00:01	0	0.00	0.00	0.00
2020-09-21 21:00:01	0	0.00	0.00	0.00
2020-09-21 22:00:01	0	0.00	0.00	0.00
2020-09-21 23:00:01	0	0.00	0.00	0.00
2020-09-22 00:00:01	0	0.00	0.00	0.00
2020-09-22 01:00:01	0	0.00	0.00	0.00
2020-09-22 02:00:01	0	0.00	0.00	0.00
2020-09-22 03:00:01	0	0.00	0.00	0.00
2020-09-22 04:00:01	0	0.00	0.00	0.00
2020-09-22 05:00:01	0	0.00	0.00	0.00
2020-09-22 06:00:01	0	0.00	0.00	0.00
2020-09-22 07:00:01	0	0.00	0.00	0.00
2020-09-22 08:00:01	0	0.00	0.00	0.00
2020-09-22 09:00:01	0	0.00	0.00	0.00
2020-09-22 10:00:01	0	0.00	0.00	0.00
2020-09-22 11:00:01	0	0.00	0.00	0.00
2020-09-22 12:00:01	0	0.00	0.00	0.00
2020-09-22 13:00:01	0	0.00	0.00	0.00
2020-09-22 14:00:01	0	0.00	0.00	0.00
2020-09-22 15:00:01	0	0.00	0.00	0.00
2020-09-22 16:00:01	0	0.00	0.00	0.00
2020-09-22 17:00:01	0	0.00	0.00	0.00
2020-09-22 18:00:01	0	0.00	0.00	0.00
2020-09-22 19:00:01	0	0.00	0.00	0.00
2020-09-22 20:00:01	0	0.00	0.00	0.00
2020-09-22 21:00:01	0	0.00	0.00	0.00
2020-09-22 22:00:01	0	0.00	0.00	0.00
2020-09-22 23:00:01	0	0.00	0.00	0.00
2020-09-23 00:00:01	0	0.00	0.00	0.00
2020-09-23 01:00:01	0	0.00	0.00	0.00
2020-09-23 02:00:01	0	0.00	0.00	0.00
2020-09-23 03:00:01	0	0.00	0.00	0.00
2020-09-23 04:00:01	0	0.00	0.00	0.00
2020-09-23 05:00:01	0	0.00	0.00	0.00
2020-09-23 06:00:01	0	0.00	0.00	0.00
2020-09-23 07:00:01	0	0.00	0.00	0.00
2020-09-23 08:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-23 09:00:01	0	0.00	0.00	0.00
2020-09-23 10:00:01	0	0.00	0.00	0.00
2020-09-23 11:00:01	0	0.00	0.00	0.00
2020-09-23 12:00:01	0	0.00	0.00	0.00
2020-09-23 13:00:01	0	0.00	0.00	0.00
2020-09-23 14:00:01	0	0.00	0.00	0.00
2020-09-23 15:00:01	0	0.00	0.00	0.00
2020-09-23 16:00:01	0	0.00	0.00	0.00
2020-09-23 17:00:01	0	0.00	0.00	0.00
2020-09-23 18:00:01	0	0.00	0.00	0.00
2020-09-23 19:00:01	0	0.00	0.00	0.00
2020-09-23 20:00:01	0	0.00	0.00	0.00
2020-09-23 21:00:01	0	0.00	0.00	0.00
2020-09-23 22:00:01	0	0.00	0.00	0.00
2020-09-23 23:00:01	0	0.00	0.00	0.00
2020-09-24 00:00:01	0	0.00	0.00	0.00
2020-09-24 01:00:01	0	0.00	0.00	0.00
2020-09-24 02:00:01	0	0.00	0.00	0.00
2020-09-24 03:00:01	0	0.00	0.00	0.00
2020-09-24 04:00:01	0	0.00	0.00	0.00
2020-09-24 05:00:01	0	0.00	0.00	0.00
2020-09-24 06:00:01	0	0.00	0.00	0.00
2020-09-24 07:00:01	0	0.00	0.00	0.00
2020-09-24 08:00:01	0	0.00	0.00	0.00
2020-09-24 09:00:01	0	0.00	0.00	0.00
2020-09-24 10:00:01	0	0.00	0.00	0.00
2020-09-24 11:00:01	0	0.00	0.00	0.00
2020-09-24 12:00:01	0	0.00	0.00	0.00
2020-09-24 13:00:01	0	0.00	0.00	0.00
2020-09-24 14:00:01	0	0.00	0.00	0.00
2020-09-24 15:00:01	0	0.00	0.00	0.00
2020-09-24 16:00:01	0	0.00	0.00	0.00
2020-09-24 17:00:01	0	0.00	0.00	0.00
2020-09-24 18:00:01	0	0.00	0.00	0.00
2020-09-24 19:00:01	0	0.00	0.00	0.00
2020-09-24 20:00:01	0	0.00	0.00	0.00
2020-09-24 21:00:01	0	0.00	0.00	0.00
2020-09-24 22:00:01	0	0.00	0.00	0.00
2020-09-24 23:00:01	0	0.00	0.00	0.00
2020-09-25 00:00:01	0	0.00	0.00	0.00
2020-09-25 01:00:01	0	0.00	0.00	0.00
2020-09-25 02:00:01	0	0.00	0.00	0.00
2020-09-25 03:00:01	0	0.00	0.00	0.00
2020-09-25 04:00:01	0	0.00	0.00	0.00
2020-09-25 05:00:01	0	0.00	0.00	0.00
2020-09-25 06:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-25 07:00:01	0	0.00	0.00	0.00
2020-09-25 08:00:01	0	0.00	0.00	0.00
2020-09-25 09:00:01	0	0.00	0.00	0.00
2020-09-25 10:00:01	0	0.00	0.00	0.00
2020-09-25 11:00:01	0	0.00	0.00	0.00
2020-09-25 12:00:01	0	0.00	0.00	0.00
2020-09-25 13:00:01	0	0.00	0.00	0.00
2020-09-25 14:00:01	0	0.00	0.00	0.00
2020-09-25 15:00:01	0	0.00	0.00	0.00
2020-09-25 16:00:01	0	0.00	0.00	0.00
2020-09-25 17:00:01	0	0.00	0.00	0.00
2020-09-25 18:00:01	0	0.00	0.00	0.00
2020-09-25 19:00:01	0	0.00	0.00	0.00
2020-09-25 20:00:01	0	0.00	0.00	0.00
2020-09-25 21:00:01	0	0.00	0.00	0.00
2020-09-25 22:00:01	0	0.00	0.00	0.00
2020-09-25 23:00:01	0	0.00	0.00	0.00
2020-09-26 00:00:01	0	0.00	0.00	0.00
2020-09-26 01:00:01	0	0.00	0.00	0.00
2020-09-26 02:00:01	0	0.00	0.00	0.00
2020-09-26 03:00:01	0	0.00	0.00	0.00
2020-09-26 04:00:01	0	0.00	0.00	0.00
2020-09-26 05:00:01	0	0.00	0.00	0.00
2020-09-26 06:00:01	0	0.00	0.00	0.00
2020-09-26 07:00:01	0	0.00	0.00	0.00
2020-09-26 08:00:01	0	0.00	0.00	0.00
2020-09-26 09:00:01	0	0.00	0.00	0.00
2020-09-26 10:00:01	0	0.00	0.00	0.00
2020-09-26 11:00:01	0	0.00	0.00	0.00
2020-09-26 12:00:01	0	0.00	0.00	0.00
2020-09-26 13:00:01	0	0.00	0.00	0.00
2020-09-26 14:00:01	0	0.00	0.00	0.00
2020-09-26 15:00:01	0	0.00	0.00	0.00
2020-09-26 16:00:01	0	0.00	0.00	0.00
2020-09-26 17:00:01	0	0.00	0.00	0.00
2020-09-26 18:00:01	0	0.00	0.00	0.00
2020-09-26 19:00:01	0	0.00	0.00	0.00
2020-09-26 20:00:01	0	0.00	0.00	0.00
2020-09-26 21:00:01	0	0.00	0.00	0.00
2020-09-26 22:00:01	0	0.00	0.00	0.00
2020-09-26 23:00:01	0	0.00	0.00	0.00
2020-09-27 00:00:01	0	0.00	0.00	0.00
2020-09-27 01:00:01	0	0.00	0.00	0.00
2020-09-27 02:00:01	0	0.00	0.00	0.00
2020-09-27 03:00:01	0	0.00	0.00	0.00
2020-09-27 04:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-27 05:00:01	0	0.00	0.00	0.00
2020-09-27 06:00:01	0	0.00	0.00	0.00
2020-09-27 07:00:01	0	0.00	0.00	0.00
2020-09-27 08:00:01	0	0.00	0.00	0.00
2020-09-27 09:00:01	0	0.00	0.00	0.00
2020-09-27 10:00:01	0	0.00	0.00	0.00
2020-09-27 11:00:01	0	0.00	0.00	0.00
2020-09-27 12:00:01	0	0.00	0.00	0.00
2020-09-27 13:00:01	0	0.00	0.00	0.00
2020-09-27 14:00:01	0	0.00	0.00	0.00
2020-09-27 15:00:01	0	0.00	0.00	0.00
2020-09-27 16:00:01	0	0.00	0.00	0.00
2020-09-27 17:00:01	0	0.00	0.00	0.00
2020-09-27 18:00:01	0	0.00	0.00	0.00
2020-09-27 19:00:01	0	0.00	0.00	0.00
2020-09-27 20:00:01	0	0.00	0.00	0.00
2020-09-27 21:00:01	0.248333333	0.00	0.00	0.00
2020-09-27 22:00:01	0.998888889	168.44	0.08	28.84
2020-09-27 23:00:01	0.999722222	36.11	0.08	15.88
2020-09-28 00:00:01	1	38.49	0.04	16.45
2020-09-28 01:00:01	1	37.42	0.03	15.19
2020-09-28 02:00:01	1	37.87	0.02	14.93
2020-09-28 03:00:01	1	35.64	0.02	14.85
2020-09-28 04:00:01	1	23.34	0.02	15.09
2020-09-28 05:00:01	1	16.04	0.02	14.87
2020-09-28 06:00:01	1	16.26	0.01	14.22
2020-09-28 07:00:01	1	17.12	0.01	14.03
2020-09-28 08:00:01	1	17.79	0.00	13.90
2020-09-28 09:00:01	1	13.44	0.02	13.90
2020-09-28 10:00:01	1	4.28	0.03	12.48
2020-09-28 11:00:01	1	7.45	0.02	11.97
2020-09-28 12:00:01	1	14.62	0.02	11.67
2020-09-28 13:00:01	1	25.81	0.02	11.38
2020-09-28 14:00:01	1	16.87	0.02	11.56
2020-09-28 15:00:01	1	16.43	0.01	12.25
2020-09-28 16:00:01	1	16.32	0.01	12.58
2020-09-28 17:00:01	1	16.10	0.01	12.60
2020-09-28 18:00:01	1	15.98	0.01	12.71
2020-09-28 19:00:01	1	15.40	0.01	13.00
2020-09-28 20:00:01	1	14.46	0.06	13.39
2020-09-28 21:00:01	1	10.53	0.01	13.72
2020-09-28 22:00:01	1	58.82	0.00	21.75
2020-09-28 23:00:01	1	17.18	0.00	12.11
2020-09-29 00:00:01	1	17.03	0.00	12.08
2020-09-29 01:00:01	1	16.96	0.00	12.19
2020-09-29 02:00:01	1	16.53	0.00	12.59

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-09-29 03:00:01	1	17.20	0.00	12.73
2020-09-29 04:00:01	1	16.90	0.00	12.76
2020-09-29 05:00:01	1	17.33	0.00	12.86
2020-09-29 06:00:01	1	17.24	0.00	12.96
2020-09-29 07:00:01	1	17.62	0.01	13.05
2020-09-29 08:00:01	1	16.57	0.01	12.85
2020-09-29 09:00:01	1	17.15	0.02	12.74
2020-09-29 10:00:01	1	16.22	0.04	12.41
2020-09-29 11:00:01	1	16.98	0.04	11.86
2020-09-29 12:00:01	1	17.04	0.03	10.95
2020-09-29 13:00:01	1	16.63	0.02	10.71
2020-09-29 14:00:01	1	16.91	0.02	10.94
2020-09-29 15:00:01	1	17.04	0.02	11.91
2020-09-29 16:00:01	1	17.01	0.01	12.56
2020-09-29 17:00:01	1	16.68	0.00	11.61
2020-09-29 18:00:01	1	16.65	0.00	11.98
2020-09-29 19:00:01	1	16.67	0.00	12.47
2020-09-29 20:00:01	1	14.35	0.05	12.73
2020-09-29 21:00:01	1	17.86	0.00	13.02
2020-09-29 22:00:01	1	58.23	0.00	21.89
2020-09-29 23:00:01	1	17.31	0.00	13.19
2020-09-30 00:00:01	1	17.38	0.01	13.74
2020-09-30 01:00:01	1	17.14	0.01	13.81
2020-09-30 02:00:01	1	17.16	0.01	13.99
2020-09-30 03:00:01	1	17.33	0.00	14.13
2020-09-30 04:00:01	1	17.13	0.01	14.47
2020-09-30 05:00:01	1	17.11	0.01	14.75
2020-09-30 06:00:01	1	17.05	0.01	14.55
2020-09-30 07:00:01	1	17.36	0.01	14.43
2020-09-30 08:00:01	1	16.98	0.02	14.25
2020-09-30 09:00:01	1	16.50	0.03	13.86
2020-09-30 10:00:01	1	16.52	0.02	12.87
2020-09-30 11:00:01	1	16.28	0.01	11.81
2020-09-30 12:00:01	1	19.41	0.00	11.38
2020-09-30 13:00:01	1	16.30	0.01	11.13
2020-09-30 14:00:01	1	15.97	0.01	10.92
2020-09-30 15:00:01	1	16.25	0.02	11.01
2020-09-30 16:00:01	1	16.39	0.01	10.90
2020-09-30 17:00:01	1	16.28	0.01	12.05
2020-09-30 18:00:01	1	16.49	0.01	14.72
2020-09-30 19:00:01	1	15.54	0.00	15.31
2020-09-30 20:00:01	1	15.78	0.05	16.46
2020-09-30 21:00:01	1	18.17	0.01	17.86
2020-09-30 22:00:01	1	57.41	0.01	26.44
2020-09-30 23:00:01	1	16.07	0.01	17.77
2020-10-01 00:00:01	1	14.70	0.01	17.92

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-01 01:00:01	1	15.40	0.00	17.68
2020-10-01 02:00:01	1	15.76	0.00	16.76
2020-10-01 03:00:01	1	16.17	0.00	16.20
2020-10-01 04:00:01	1	16.74	0.00	15.82
2020-10-01 05:00:01	1	16.22	0.00	15.84
2020-10-01 06:00:01	1	15.51	0.00	15.78
2020-10-01 07:00:01	1	15.42	0.00	15.99
2020-10-01 08:00:01	1	15.82	0.00	15.52
2020-10-01 09:00:01	1	16.49	0.01	14.86
2020-10-01 10:00:01	1	15.41	0.00	13.57
2020-10-01 11:00:01	1	26.11	0.00	5.98
2020-10-01 12:00:01	1	11.66	0.00	95.00
2020-10-01 13:00:01	1	15.32	0.01	13.02
2020-10-01 14:00:01	1	15.29	0.01	13.04
2020-10-01 15:00:01	1	11.96	0.00	11.23
2020-10-01 16:00:01	1	-308.98	-0.01	-33.62
2020-10-01 17:00:01	1	-90.27	-0.01	-91.91
2020-10-01 18:00:01	1	11.48	0.01	14.69
2020-10-01 19:00:01	1	15.02	0.01	20.25
2020-10-01 20:00:01	1	15.07	0.05	21.18
2020-10-01 21:00:01	1	17.39	0.01	22.27
2020-10-01 22:00:01	1	53.78	0.00	30.02
2020-10-01 23:00:01	1	15.66	0.00	21.61
2020-10-02 00:00:01	1	16.31	0.00	21.92
2020-10-02 01:00:01	1	16.44	0.00	21.35
2020-10-02 02:00:01	1	16.54	0.00	22.14
2020-10-02 03:00:01	1	16.49	0.00	19.91
2020-10-02 04:00:01	1	16.22	0.00	20.60
2020-10-02 05:00:01	1	16.94	0.00	20.88
2020-10-02 06:00:01	1	16.24	0.00	20.95
2020-10-02 07:00:01	1	16.58	0.01	20.94
2020-10-02 08:00:01	1	17.80	0.01	20.41
2020-10-02 09:00:01	1	17.05	0.02	19.90
2020-10-02 10:00:01	1	15.96	0.02	19.75
2020-10-02 11:00:01	1	14.37	0.02	19.33
2020-10-02 12:00:01	1	16.52	0.01	18.35
2020-10-02 13:00:01	1	16.41	0.01	18.57
2020-10-02 14:00:01	1	15.59	0.01	19.03
2020-10-02 15:00:01	1	15.96	0.00	19.89
2020-10-02 16:00:01	1	16.29	0.00	19.47
2020-10-02 17:00:01	1	16.21	0.00	21.35
2020-10-02 18:00:01	1	15.32	0.00	22.79
2020-10-02 19:00:01	1	16.04	0.00	23.28
2020-10-02 20:00:01	1	15.25	0.05	23.24
2020-10-02 21:00:01	1	19.05	0.00	24.17
2020-10-02 22:00:01	1	55.11	0.00	32.69

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-02 23:00:01	1	16.32	0.00	24.10
2020-10-03 00:00:01	1	16.13	0.00	24.01
2020-10-03 01:00:01	1	15.99	0.00	23.94
2020-10-03 02:00:01	1	16.18	0.00	23.54
2020-10-03 03:00:01	1	16.13	0.00	23.71
2020-10-03 04:00:01	1	15.89	0.00	23.62
2020-10-03 05:00:01	1	16.04	0.00	23.31
2020-10-03 06:00:01	1	15.63	0.00	23.08
2020-10-03 07:00:01	1	16.02	0.00	23.14
2020-10-03 08:00:01	1	15.80	0.00	23.45
2020-10-03 09:00:01	1	16.31	0.00	23.41
2020-10-03 10:00:01	1	16.91	0.01	21.84
2020-10-03 11:00:01	1	16.09	0.01	21.01
2020-10-03 12:00:01	1	15.77	0.01	20.40
2020-10-03 13:00:01	1	16.09	0.00	19.70
2020-10-03 14:00:01	1	16.30	0.00	18.79
2020-10-03 15:00:01	1	16.88	0.00	18.14
2020-10-03 16:00:01	1	16.17	0.00	18.50
2020-10-03 17:00:01	1	15.86	0.00	18.17
2020-10-03 18:00:01	1	16.15	0.00	17.78
2020-10-03 19:00:01	1	16.74	0.00	18.07
2020-10-03 20:00:01	1	17.09	0.05	18.53
2020-10-03 21:00:01	1	19.40	0.00	19.78
2020-10-03 22:00:01	1	55.12	0.00	28.66
2020-10-03 23:00:01	1	16.20	0.00	20.66
2020-10-04 00:00:01	1	16.48	0.00	21.03
2020-10-04 01:00:01	1	16.36	0.00	21.72
2020-10-04 02:00:01	1	15.76	0.00	22.35
2020-10-04 03:00:01	1	15.91	0.00	22.95
2020-10-04 04:00:01	1	19.52	0.00	23.33
2020-10-04 05:00:01	1	18.13	0.00	24.07
2020-10-04 06:00:01	1	16.47	0.00	24.36
2020-10-04 07:00:01	1	16.22	0.00	25.29
2020-10-04 08:00:01	1	16.55	0.00	24.50
2020-10-04 09:00:01	1	17.25	0.00	23.73
2020-10-04 10:00:01	1	17.05	0.00	22.99
2020-10-04 11:00:01	1	17.03	0.00	22.78
2020-10-04 12:00:01	1	17.11	0.00	22.10
2020-10-04 13:00:01	1	17.02	0.00	21.17
2020-10-04 14:00:01	1	17.16	0.00	20.37
2020-10-04 15:00:01	1	17.07	0.00	19.82
2020-10-04 16:00:01	1	16.75	0.00	19.18
2020-10-04 17:00:01	1	16.40	0.00	19.06
2020-10-04 18:00:01	1	16.27	0.00	20.28
2020-10-04 19:00:01	1	16.10	0.00	21.54
2020-10-04 20:00:01	1	15.47	0.05	22.62

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-04 21:00:01	1	20.14	0.00	24.34
2020-10-04 22:00:01	1	54.49	0.00	31.82
2020-10-04 23:00:01	1	15.71	0.00	24.02
2020-10-05 00:00:01	1	16.01	0.01	24.29
2020-10-05 01:00:01	1	16.25	0.02	23.51
2020-10-05 02:00:01	1	16.05	0.00	22.68
2020-10-05 03:00:01	1	16.41	0.00	22.59
2020-10-05 04:00:01	1	15.91	0.00	22.82
2020-10-05 05:00:01	1	16.85	0.00	23.23
2020-10-05 06:00:01	1	16.13	0.00	23.67
2020-10-05 07:00:01	1	16.55	0.00	23.96
2020-10-05 08:00:01	1	14.82	0.00	24.46
2020-10-05 09:00:01	1	8.28	0.30	25.18
2020-10-05 10:00:01	1	18.01	0.02	23.52
2020-10-05 11:00:01	1	17.44	0.01	23.78
2020-10-05 12:00:01	1	16.71	0.01	24.65
2020-10-05 13:00:01	1	16.91	0.01	24.32
2020-10-05 14:00:01	1	16.94	0.01	23.37
2020-10-05 15:00:01	1	17.34	0.01	23.12
2020-10-05 16:00:01	1	17.22	0.04	23.17
2020-10-05 17:00:01	1	17.68	0.05	22.96
2020-10-05 18:00:01	1	17.02	0.04	23.34
2020-10-05 19:00:01	1	17.09	0.03	24.64
2020-10-05 20:00:01	1	15.95	0.11	25.17
2020-10-05 21:00:01	1	19.73	0.04	27.18
2020-10-05 22:00:01	1	54.76	0.00	34.75
2020-10-05 23:00:01	1	16.28	0.00	26.39
2020-10-06 00:00:01	1	16.47	0.01	26.02
2020-10-06 01:00:01	1	16.27	0.00	25.12
2020-10-06 02:00:01	1	15.97	0.00	25.30
2020-10-06 03:00:01	1	16.33	0.00	25.61
2020-10-06 04:00:01	1	17.08	0.00	26.25
2020-10-06 05:00:01	1	16.69	0.00	26.46
2020-10-06 06:00:01	1	16.69	0.00	26.75
2020-10-06 07:00:01	1	15.90	0.00	27.65
2020-10-06 08:00:01	1	16.78	0.00	27.37
2020-10-06 09:00:01	1	19.79	0.00	27.13
2020-10-06 10:00:01	1	15.98	0.00	26.86
2020-10-06 11:00:01	1	16.31	0.00	25.83
2020-10-06 12:00:01	1	16.71	0.00	24.97
2020-10-06 13:00:01	1	16.76	0.00	24.31
2020-10-06 14:00:01	1	10.57	0.00	54.47
2020-10-06 15:00:01	1	16.68	0.00	22.06
2020-10-06 16:00:01	1	16.66	0.00	21.73
2020-10-06 17:00:01	1	16.30	0.00	21.56
2020-10-06 18:00:01	1	16.36	0.00	21.97

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-06 19:00:01	1	15.66	0.00	22.91
2020-10-06 20:00:01	1	15.65	0.05	24.07
2020-10-06 21:00:01	1	20.73	0.00	26.19
2020-10-06 22:00:01	1	54.59	0.00	33.77
2020-10-06 23:00:01	1	16.22	0.00	25.64
2020-10-07 00:00:01	1	16.31	0.00	25.97
2020-10-07 01:00:01	1	16.37	0.00	26.35
2020-10-07 02:00:01	1	16.41	0.00	26.45
2020-10-07 03:00:01	1	16.68	0.00	26.63
2020-10-07 04:00:01	1	16.57	0.01	26.70
2020-10-07 05:00:01	1	16.47	0.02	26.84
2020-10-07 06:00:01	1	16.42	0.01	26.18
2020-10-07 07:00:01	1	16.07	0.03	26.21
2020-10-07 08:00:01	1	17.28	0.01	25.86
2020-10-07 09:00:01	1	16.91	0.00	24.89
2020-10-07 10:00:01	1	16.66	0.01	23.31
2020-10-07 11:00:01	1	16.32	0.01	22.97
2020-10-07 12:00:01	1	16.97	0.00	22.13
2020-10-07 13:00:01	1	16.62	0.00	21.43
2020-10-07 14:00:01	1	16.53	0.00	20.69
2020-10-07 15:00:01	1	16.69	0.00	20.95
2020-10-07 16:00:01	1	16.52	0.00	20.69
2020-10-07 17:00:01	1	16.38	0.00	21.55
2020-10-07 18:00:01	1	16.41	0.00	22.49
2020-10-07 19:00:01	1	15.81	0.00	23.63
2020-10-07 20:00:01	1	15.94	0.05	23.82
2020-10-07 21:00:01	1	20.62	0.00	26.11
2020-10-07 22:00:01	1	53.31	0.00	32.96
2020-10-07 23:00:01	1	15.84	0.00	25.31
2020-10-08 00:00:01	1	16.13	0.00	25.25
2020-10-08 01:00:01	1	16.08	0.00	25.72
2020-10-08 02:00:01	1	16.41	0.00	25.80
2020-10-08 03:00:01	1	16.34	0.00	25.89
2020-10-08 04:00:01	1	16.17	0.00	26.30
2020-10-08 05:00:01	1	16.13	0.00	26.62
2020-10-08 06:00:01	1	16.27	0.00	26.44
2020-10-08 07:00:01	1	15.94	0.00	26.34
2020-10-08 08:00:01	1	17.18	0.00	25.50
2020-10-08 09:00:01	1	16.16	0.00	24.79
2020-10-08 10:00:01	1	17.05	0.01	22.17
2020-10-08 11:00:01	1	16.90	0.01	21.78
2020-10-08 12:00:01	1	16.02	0.00	21.14
2020-10-08 13:00:01	1	16.86	0.00	20.86
2020-10-08 14:00:01	1	17.24	0.00	20.49
2020-10-08 15:00:01	1	16.97	0.00	19.60
2020-10-08 16:00:01	1	15.82	0.00	19.96

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-08 17:00:01	1	16.58	0.00	19.54
2020-10-08 18:00:01	1	16.96	0.00	20.15
2020-10-08 19:00:01	1	16.30	0.00	21.62
2020-10-08 20:00:01	1	16.45	0.05	23.25
2020-10-08 21:00:01	1	23.38	0.00	24.48
2020-10-08 22:00:01	1	52.23	0.00	32.89
2020-10-08 23:00:01	1	15.63	0.00	25.73
2020-10-09 00:00:01	1	16.23	0.00	25.90
2020-10-09 01:00:01	1	16.43	0.00	26.36
2020-10-09 02:00:01	1	16.51	0.00	25.55
2020-10-09 03:00:01	1	16.34	0.00	25.94
2020-10-09 04:00:01	1	16.93	0.00	25.57
2020-10-09 05:00:01	1	16.83	0.00	25.35
2020-10-09 06:00:01	1	16.50	0.00	25.52
2020-10-09 07:00:01	1	16.82	0.00	25.10
2020-10-09 08:00:01	1	15.11	0.01	24.93
2020-10-09 09:00:01	1	13.51	0.02	25.57
2020-10-09 10:00:01	1	16.55	0.02	24.07
2020-10-09 11:00:01	1	16.55	0.01	24.36
2020-10-09 12:00:01	1	16.85	0.01	23.61
2020-10-09 13:00:01	1	17.18	0.01	22.95
2020-10-09 14:00:01	1	16.80	0.00	22.80
2020-10-09 15:00:01	1	16.61	0.00	23.45
2020-10-09 16:00:01	1	16.88	0.01	22.61
2020-10-09 17:00:01	1	16.53	0.01	23.49
2020-10-09 18:00:01	1	16.46	0.01	23.92
2020-10-09 19:00:01	1	16.27	0.00	24.18
2020-10-09 20:00:01	1	18.35	0.05	24.45
2020-10-09 21:00:01	1	23.08	0.00	27.11
2020-10-09 22:00:01	1	52.61	0.00	33.95
2020-10-09 23:00:01	1	17.05	0.00	24.89
2020-10-10 00:00:01	1	16.34	0.01	25.49
2020-10-10 01:00:01	1	16.08	0.00	26.06
2020-10-10 02:00:01	1	16.00	0.00	25.79
2020-10-10 03:00:01	1	16.48	0.00	26.17
2020-10-10 04:00:01	1	16.88	0.00	25.64
2020-10-10 05:00:01	1	15.85	0.01	26.47
2020-10-10 06:00:01	1	16.07	0.00	26.54
2020-10-10 07:00:01	1	16.82	0.00	25.84
2020-10-10 08:00:01	1	16.74	0.00	26.09
2020-10-10 09:00:01	1	16.70	0.00	25.55
2020-10-10 10:00:01	1	16.37	0.01	23.51
2020-10-10 11:00:01	1	16.64	0.00	22.88
2020-10-10 12:00:01	1	16.51	0.00	23.41
2020-10-10 13:00:01	1	16.62	0.00	23.06
2020-10-10 14:00:01	1	16.73	0.00	22.67

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-10 15:00:01	1	16.43	0.00	22.27
2020-10-10 16:00:01	1	17.04	0.00	22.57
2020-10-10 17:00:01	1	16.31	0.01	23.16
2020-10-10 18:00:01	1	16.49	0.00	23.84
2020-10-10 19:00:01	1	15.69	0.00	24.63
2020-10-10 20:00:01	1	15.20	0.05	24.22
2020-10-10 21:00:01	1	22.75	0.00	25.88
2020-10-10 22:00:01	1	52.60	0.00	33.14
2020-10-10 23:00:01	1	15.65	0.00	26.02
2020-10-11 00:00:01	1	15.91	0.00	25.08
2020-10-11 01:00:01	1	16.53	0.00	25.79
2020-10-11 02:00:01	1	16.69	0.00	26.13
2020-10-11 03:00:01	1	15.87	0.00	26.14
2020-10-11 04:00:01	1	15.94	0.00	26.26
2020-10-11 05:00:01	1	16.08	0.00	27.01
2020-10-11 06:00:01	1	16.55	0.00	25.69
2020-10-11 07:00:01	1	16.48	0.00	26.19
2020-10-11 08:00:01	1	16.83	0.00	26.33
2020-10-11 09:00:01	1	19.33	0.00	24.62
2020-10-11 10:00:01	1	16.40	0.01	22.71
2020-10-11 11:00:01	1	16.51	0.01	22.67
2020-10-11 12:00:01	1	16.23	0.01	22.35
2020-10-11 13:00:01	1	16.69	0.00	20.93
2020-10-11 14:00:01	1	16.43	0.00	20.46
2020-10-11 15:00:01	1	16.25	0.00	20.55
2020-10-11 16:00:01	1	16.38	0.00	20.73
2020-10-11 17:00:01	1	16.10	0.00	21.98
2020-10-11 18:00:01	1	16.08	0.00	23.85
2020-10-11 19:00:01	1	16.20	0.00	24.54
2020-10-11 20:00:01	1	15.70	0.05	25.18
2020-10-11 21:00:01	1	23.20	0.00	27.12
2020-10-11 22:00:01	1	51.94	0.00	33.21
2020-10-11 23:00:01	1	16.41	0.00	25.51
2020-10-12 00:00:01	1	16.39	0.00	25.35
2020-10-12 01:00:01	1	16.54	0.00	25.09
2020-10-12 02:00:01	1	16.41	0.00	25.13
2020-10-12 03:00:01	1	16.35	0.00	24.65
2020-10-12 04:00:01	1	16.40	0.00	25.40
2020-10-12 05:00:01	1	16.68	0.00	24.73
2020-10-12 06:00:01	1	16.10	0.00	25.37
2020-10-12 07:00:01	1	16.56	0.00	24.89
2020-10-12 08:00:01	1	17.07	0.00	23.84
2020-10-12 09:00:01	1	18.24	0.01	24.21
2020-10-12 10:00:01	1	16.75	0.02	22.24
2020-10-12 11:00:01	1	16.42	0.02	21.58
2020-10-12 12:00:01	1	16.22	0.01	19.65

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-12 13:00:01	1	16.94	0.01	19.41
2020-10-12 14:00:01	1	17.80	0.01	18.63
2020-10-12 15:00:01	1	18.25	0.00	17.64
2020-10-12 16:00:01	1	18.34	0.00	17.52
2020-10-12 17:00:01	1	18.34	0.00	16.85
2020-10-12 18:00:01	1	18.68	0.00	16.79
2020-10-12 19:00:01	1	19.18	0.00	16.20
2020-10-12 20:00:01	1	20.24	0.05	17.43
2020-10-12 21:00:01	1	26.55	0.00	19.75
2020-10-12 22:00:01	1	54.09	0.00	27.06
2020-10-12 23:00:01	1	19.05	0.00	20.19
2020-10-13 00:00:01	1	19.50	0.00	19.94
2020-10-13 01:00:01	1	19.29	0.00	18.87
2020-10-13 02:00:01	1	19.37	0.00	18.42
2020-10-13 03:00:01	1	19.34	0.00	18.30
2020-10-13 04:00:01	1	19.45	0.00	18.53
2020-10-13 05:00:01	1	19.11	0.00	18.06
2020-10-13 06:00:01	1	19.11	0.00	17.96
2020-10-13 07:00:01	1	19.79	0.00	18.36
2020-10-13 08:00:01	1	19.96	0.01	16.19
2020-10-13 09:00:01	1	19.32	0.00	14.86
2020-10-13 10:00:01	1	18.74	0.01	13.31
2020-10-13 11:00:01	1	18.95	0.00	12.68
2020-10-13 12:00:01	1	19.05	0.00	12.73
2020-10-13 13:00:01	1	18.88	0.01	13.43
2020-10-13 14:00:01	1	18.87	0.01	13.77
2020-10-13 15:00:01	1	18.88	0.01	13.58
2020-10-13 16:00:01	1	18.92	0.01	14.77
2020-10-13 17:00:01	1	18.80	0.01	14.61
2020-10-13 18:00:01	1	18.75	0.00	14.76
2020-10-13 19:00:01	1	19.16	0.00	16.39
2020-10-13 20:00:01	1	18.95	0.05	17.00
2020-10-13 21:00:01	1	26.60	0.00	18.97
2020-10-13 22:00:01	1	54.59	0.00	24.58
2020-10-13 23:00:01	1	19.32	0.00	17.63
2020-10-14 00:00:01	1	19.04	0.00	18.08
2020-10-14 01:00:01	1	19.06	0.00	18.21
2020-10-14 02:00:01	1	18.35	0.00	18.87
2020-10-14 03:00:01	1	17.65	0.00	18.51
2020-10-14 04:00:01	1	17.60	0.00	18.80
2020-10-14 05:00:01	1	17.86	0.00	17.81
2020-10-14 06:00:01	1	17.61	0.00	17.55
2020-10-14 07:00:01	1	18.30	0.00	16.88
2020-10-14 08:00:01	1	17.74	0.00	15.76
2020-10-14 09:00:01	1	21.16	0.02	14.56
2020-10-14 10:00:01	1	17.14	0.02	14.69

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-14 11:00:01	1	17.23	0.01	14.11
2020-10-14 12:00:01	1	17.27	0.01	14.21
2020-10-14 13:00:01	1	18.08	0.00	14.05
2020-10-14 14:00:01	1	17.42	0.00	13.98
2020-10-14 15:00:01	1	17.25	0.00	14.74
2020-10-14 16:00:01	1	17.27	0.01	14.34
2020-10-14 17:00:01	1	16.96	0.00	15.03
2020-10-14 18:00:01	1	16.89	0.00	16.06
2020-10-14 19:00:01	1	16.93	0.00	16.67
2020-10-14 20:00:01	1	18.08	0.05	16.32
2020-10-14 21:00:01	1	26.59	0.00	18.86
2020-10-14 22:00:01	1	52.10	0.00	24.65
2020-10-14 23:00:01	1	17.34	0.00	16.98
2020-10-15 00:00:01	1	17.33	0.00	16.84
2020-10-15 01:00:01	1	17.31	0.00	16.01
2020-10-15 02:00:01	1	17.49	0.00	15.71
2020-10-15 03:00:01	1	17.48	0.00	14.97
2020-10-15 04:00:01	1	17.75	0.00	15.15
2020-10-15 05:00:01	1	17.91	0.00	15.31
2020-10-15 06:00:01	1	17.54	0.00	15.04
2020-10-15 07:00:01	1	17.23	0.00	14.85
2020-10-15 08:00:01	1	16.63	0.00	14.11
2020-10-15 09:00:01	1	17.20	0.00	13.94
2020-10-15 10:00:01	1	17.52	0.00	13.59
2020-10-15 11:00:01	1	17.01	0.01	13.91
2020-10-15 12:00:01	1	17.03	0.01	13.62
2020-10-15 13:00:01	1	16.72	0.00	13.90
2020-10-15 14:00:01	1	16.99	0.00	14.01
2020-10-15 15:00:01	1	16.99	0.00	13.94
2020-10-15 16:00:01	1	17.01	0.00	14.53
2020-10-15 17:00:01	1	16.90	0.00	15.02
2020-10-15 18:00:01	1	16.94	0.00	15.29
2020-10-15 19:00:01	1	17.02	0.00	15.68
2020-10-15 20:00:01	1	16.89	0.05	15.83
2020-10-15 21:00:01	1	25.01	0.00	17.96
2020-10-15 22:00:01	1	51.55	0.00	22.85
2020-10-15 23:00:01	1	17.04	0.00	15.24
2020-10-16 00:00:01	1	16.63	0.00	15.20
2020-10-16 01:00:01	1	16.84	0.00	15.38
2020-10-16 02:00:01	1	17.44	0.00	14.94
2020-10-16 03:00:01	1	18.11	0.00	15.00
2020-10-16 04:00:01	1	16.84	0.00	14.75
2020-10-16 05:00:01	1	16.89	0.00	15.22
2020-10-16 06:00:01	1	16.91	0.00	15.65
2020-10-16 07:00:01	1	16.91	0.00	15.66
2020-10-16 08:00:01	1	17.33	0.00	15.01

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-16 09:00:01	1	16.72	0.00	14.75
2020-10-16 10:00:01	1	16.95	0.01	14.77
2020-10-16 11:00:01	1	17.27	0.00	15.18
2020-10-16 12:00:01	1	17.46	0.00	15.34
2020-10-16 13:00:01	1	17.36	0.00	14.72
2020-10-16 14:00:01	1	17.44	0.00	13.47
2020-10-16 15:00:01	1	17.28	0.00	14.15
2020-10-16 16:00:01	1	17.22	0.00	14.89
2020-10-16 17:00:01	1	17.28	0.00	15.15
2020-10-16 18:00:01	1	17.17	0.00	15.53
2020-10-16 19:00:01	1	16.86	0.00	16.65
2020-10-16 20:00:01	1	18.09	0.05	17.85
2020-10-16 21:00:01	1	26.54	0.00	19.91
2020-10-16 22:00:01	1	49.94	0.00	25.35
2020-10-16 23:00:01	1	16.70	0.00	18.90
2020-10-17 00:00:01	1	17.14	0.00	19.13
2020-10-17 01:00:01	1	16.86	0.00	19.19
2020-10-17 02:00:01	1	17.67	0.00	19.59
2020-10-17 03:00:01	1	17.69	0.00	19.54
2020-10-17 04:00:01	1	17.00	0.00	19.50
2020-10-17 05:00:01	1	16.89	0.00	19.79
2020-10-17 06:00:01	1	16.46	0.00	20.01
2020-10-17 07:00:01	1	16.60	0.00	20.49
2020-10-17 08:00:01	1	16.24	0.00	20.03
2020-10-17 09:00:01	1	16.80	0.00	19.63
2020-10-17 10:00:01	1	16.48	0.00	19.11
2020-10-17 11:00:01	1	16.85	0.00	18.74
2020-10-17 12:00:01	1	17.19	0.00	18.14
2020-10-17 13:00:01	1	20.30	0.00	18.32
2020-10-17 14:00:01	1	16.78	0.00	18.54
2020-10-17 15:00:01	1	17.02	0.00	18.35
2020-10-17 16:00:01	1	16.95	0.00	18.29
2020-10-17 17:00:01	1	15.99	0.00	18.22
2020-10-17 18:00:01	1	16.02	0.00	18.58
2020-10-17 19:00:01	1	16.59	0.00	19.01
2020-10-17 20:00:01	1	17.65	0.05	19.29
2020-10-17 21:00:01	1	26.20	0.00	21.34
2020-10-17 22:00:01	1	49.09	0.00	26.83
2020-10-17 23:00:01	1	16.49	0.00	19.71
2020-10-18 00:00:01	1	16.89	0.00	19.68
2020-10-18 01:00:01	1	16.60	0.00	19.39
2020-10-18 02:00:01	1	16.19	0.00	19.92
2020-10-18 03:00:01	1	16.47	0.00	19.69
2020-10-18 04:00:01	1	16.84	0.00	20.32
2020-10-18 05:00:01	1	17.45	0.00	20.14
2020-10-18 06:00:01	1	16.63	0.00	20.03

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-18 07:00:01	1	16.52	0.00	20.06
2020-10-18 08:00:01	1	17.09	0.00	19.31
2020-10-18 09:00:01	1	16.69	0.01	19.13
2020-10-18 10:00:01	1	17.02	0.00	18.35
2020-10-18 11:00:01	1	17.01	0.00	18.21
2020-10-18 12:00:01	1	16.56	0.00	17.82
2020-10-18 13:00:01	1	16.63	0.00	18.19
2020-10-18 14:00:01	1	17.20	0.00	17.01
2020-10-18 15:00:01	1	17.10	0.00	16.58
2020-10-18 16:00:01	1	16.38	0.00	17.50
2020-10-18 17:00:01	1	16.55	0.00	17.71
2020-10-18 18:00:01	1	16.70	0.00	18.03
2020-10-18 19:00:01	1	17.02	0.00	18.34
2020-10-18 20:00:01	1	17.64	0.05	18.41
2020-10-18 21:00:01	1	28.68	0.00	21.21
2020-10-18 22:00:01	1	49.52	0.00	26.50
2020-10-18 23:00:01	1	16.79	0.00	19.36
2020-10-19 00:00:01	1	17.18	0.00	19.12
2020-10-19 01:00:01	1	17.07	0.00	19.05
2020-10-19 02:00:01	1	17.59	0.00	18.88
2020-10-19 03:00:01	1	16.60	0.00	19.33
2020-10-19 04:00:01	1	17.25	0.00	19.68
2020-10-19 05:00:01	1	17.32	0.00	19.63
2020-10-19 06:00:01	1	17.17	0.00	19.76
2020-10-19 07:00:01	1	17.13	0.00	19.73
2020-10-19 08:00:01	1	17.09	0.00	19.24
2020-10-19 09:00:01	1	17.17	0.00	18.71
2020-10-19 10:00:01	1	16.98	0.00	18.18
2020-10-19 11:00:01	1	16.72	0.00	18.03
2020-10-19 12:00:01	1	16.85	0.00	17.84
2020-10-19 13:00:01	1	16.71	0.00	17.86
2020-10-19 14:00:01	1	18.23	0.02	17.77
2020-10-19 15:00:01	1	16.69	0.02	17.96
2020-10-19 16:00:01	1	16.55	0.00	17.45
2020-10-19 17:00:01	1	16.82	0.00	17.87
2020-10-19 18:00:01	1	16.88	0.00	18.10
2020-10-19 19:00:01	1	16.69	0.00	18.53
2020-10-19 20:00:01	1	16.36	0.05	18.70
2020-10-19 21:00:01	1	27.09	0.00	21.62
2020-10-19 22:00:01	1	50.16	0.00	26.26
2020-10-19 23:00:01	1	16.41	0.01	19.54
2020-10-20 00:00:01	1	16.41	0.00	19.64
2020-10-20 01:00:01	1	16.54	0.00	19.61
2020-10-20 02:00:01	1	16.61	0.00	19.65
2020-10-20 03:00:01	1	16.60	0.00	19.88
2020-10-20 04:00:01	1	16.62	0.00	19.87

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-20 05:00:01	1	16.92	0.00	19.66
2020-10-20 06:00:01	1	16.73	0.00	18.81
2020-10-20 07:00:01	1	16.83	0.00	18.82
2020-10-20 08:00:01	1	65.22	0.00	15.33
2020-10-20 09:00:01	1	15.20	0.00	45.04
2020-10-20 10:00:01	1	16.91	0.00	17.60
2020-10-20 11:00:01	1	16.59	0.00	17.45
2020-10-20 12:00:01	1	16.70	0.00	17.10
2020-10-20 13:00:01	1	17.30	0.00	17.39
2020-10-20 14:00:01	1	16.65	0.00	16.88
2020-10-20 15:00:01	1	16.73	0.00	16.85
2020-10-20 16:00:01	1	16.81	0.01	17.51
2020-10-20 17:00:01	1	16.69	0.01	17.86
2020-10-20 18:00:01	1	16.04	0.01	18.42
2020-10-20 19:00:01	1	15.90	0.01	18.59
2020-10-20 20:00:01	1	16.35	0.06	18.57
2020-10-20 21:00:01	1	27.51	0.01	21.44
2020-10-20 22:00:01	1	48.83	0.01	23.76
2020-10-20 23:00:01	1	16.39	0.01	17.34
2020-10-21 00:00:01	1	16.44	0.01	17.52
2020-10-21 01:00:01	1	16.64	0.01	17.20
2020-10-21 02:00:01	1	16.75	0.00	17.08
2020-10-21 03:00:01	1	16.53	0.00	17.00
2020-10-21 04:00:01	1	16.50	0.00	17.00
2020-10-21 05:00:01	1	16.89	0.00	17.21
2020-10-21 06:00:01	1	16.56	0.00	17.24
2020-10-21 07:00:01	1	16.50	0.00	17.34
2020-10-21 08:00:01	1	16.44	0.00	17.26
2020-10-21 09:00:01	1	17.38	0.00	17.11
2020-10-21 10:00:01	1	16.44	0.00	16.58
2020-10-21 11:00:01	1	16.52	0.00	16.42
2020-10-21 12:00:01	1	16.68	0.01	16.23
2020-10-21 13:00:01	1	16.89	0.01	16.32
2020-10-21 14:00:01	1	16.70	0.01	16.11
2020-10-21 15:00:01	1	16.58	0.01	16.14
2020-10-21 16:00:01	1	16.51	0.01	16.38
2020-10-21 17:00:01	1	16.53	0.01	16.57
2020-10-21 18:00:01	1	16.09	0.01	16.56
2020-10-21 19:00:01	1	16.08	0.01	16.77
2020-10-21 20:00:01	1	16.26	0.06	16.91
2020-10-21 21:00:01	1	27.81	0.01	20.06
2020-10-21 22:00:01	1	48.60	0.01	24.49
2020-10-21 23:00:01	1	16.39	0.00	17.50
2020-10-22 00:00:01	1	16.56	0.00	17.41
2020-10-22 01:00:01	1	17.22	0.00	17.44
2020-10-22 02:00:01	1	16.64	0.00	17.44

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-22 03:00:01	1	17.21	0.00	17.44
2020-10-22 04:00:01	1	17.04	0.00	17.61
2020-10-22 05:00:01	1	17.63	0.00	17.85
2020-10-22 06:00:01	1	17.31	0.00	17.95
2020-10-22 07:00:01	1	17.17	0.00	17.62
2020-10-22 08:00:01	1	17.24	0.00	16.83
2020-10-22 09:00:01	1	21.42	0.00	16.44
2020-10-22 10:00:01	1	18.12	0.00	15.86
2020-10-22 11:00:01	1	20.36	0.00	15.65
2020-10-22 12:00:01	1	21.06	0.00	15.30
2020-10-22 13:00:01	1	17.64	0.00	14.57
2020-10-22 14:00:01	1	16.96	0.00	14.70
2020-10-22 15:00:01	1	17.09	0.01	14.36
2020-10-22 16:00:01	1	17.09	0.00	13.95
2020-10-22 17:00:01	1	16.18	0.01	14.01
2020-10-22 18:00:01	1	16.31	0.01	14.46
2020-10-22 19:00:01	1	15.96	0.01	15.03
2020-10-22 20:00:01	1	16.31	0.06	15.48
2020-10-22 21:00:01	1	28.22	0.01	18.57
2020-10-22 22:00:01	1	47.51	0.01	22.58
2020-10-22 23:00:01	1	16.37	0.01	15.69
2020-10-23 00:00:01	1	16.42	0.01	15.75
2020-10-23 01:00:01	1	16.41	0.01	15.79
2020-10-23 02:00:01	1	16.37	0.01	15.85
2020-10-23 03:00:01	1	16.67	0.01	15.91
2020-10-23 04:00:01	1	17.59	0.01	15.92
2020-10-23 05:00:01	1	17.40	0.00	15.94
2020-10-23 06:00:01	1	17.06	0.01	15.90
2020-10-23 07:00:01	1	17.33	0.00	15.63
2020-10-23 08:00:01	1	17.45	0.00	15.52
2020-10-23 09:00:01	1	17.46	0.00	14.96
2020-10-23 10:00:01	1	17.14	0.00	14.02
2020-10-23 11:00:01	1	18.67	0.00	13.66
2020-10-23 12:00:01	1	17.22	0.01	13.56
2020-10-23 13:00:01	1	17.02	0.01	13.51
2020-10-23 14:00:01	1	16.69	0.01	13.73
2020-10-23 15:00:01	1	16.58	0.01	13.64
2020-10-23 16:00:01	1	16.58	0.01	13.54
2020-10-23 17:00:01	1	16.67	0.01	13.41
2020-10-23 18:00:01	1	17.01	0.01	14.01
2020-10-23 19:00:01	1	17.23	0.01	14.20
2020-10-23 20:00:01	1	27.28	0.06	14.46
2020-10-23 21:00:01	1	29.58	0.01	17.74
2020-10-23 22:00:01	1	47.86	0.01	21.65
2020-10-23 23:00:01	1	17.05	0.01	15.00
2020-10-24 00:00:01	1	17.00	0.01	14.99

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-24 01:00:01	1	17.26	0.01	14.92
2020-10-24 02:00:01	1	17.93	0.01	15.02
2020-10-24 03:00:01	1	17.28	0.01	15.10
2020-10-24 04:00:01	1	17.13	0.00	15.00
2020-10-24 05:00:01	1	17.29	0.00	15.24
2020-10-24 06:00:01	1	17.39	0.00	15.33
2020-10-24 07:00:01	1	17.17	0.00	15.23
2020-10-24 08:00:01	1	17.54	0.00	14.85
2020-10-24 09:00:01	1	19.77	0.01	14.58
2020-10-24 10:00:01	1	16.91	0.01	13.90
2020-10-24 11:00:01	1	16.96	0.00	13.63
2020-10-24 12:00:01	1	16.83	0.01	13.25
2020-10-24 13:00:01	1	16.74	0.01	13.18
2020-10-24 14:00:01	1	16.78	0.01	12.98
2020-10-24 15:00:01	1	16.72	0.01	12.90
2020-10-24 16:00:01	1	16.52	0.01	13.00
2020-10-24 17:00:01	1	16.33	0.01	13.20
2020-10-24 18:00:01	1	16.07	0.01	13.39
2020-10-24 19:00:01	1	16.68	0.01	13.67
2020-10-24 20:00:01	1	16.91	0.05	13.89
2020-10-24 21:00:01	1	29.91	0.01	17.09
2020-10-24 22:00:01	1	47.02	0.01	21.00
2020-10-24 23:00:01	1	16.79	0.01	14.45
2020-10-25 00:00:01	1	16.78	0.01	14.41
2020-10-25 01:00:01	1	16.79	0.01	14.37
2020-10-25 02:00:01	1	16.77	0.01	14.45
2020-10-25 03:00:01	1	17.15	0.01	14.72
2020-10-25 04:00:01	1	16.86	0.01	14.62
2020-10-25 05:00:01	1	16.67	0.01	14.65
2020-10-25 06:00:01	1	16.75	0.01	14.39
2020-10-25 07:00:01	1	16.78	0.01	14.32
2020-10-25 08:00:01	1	18.35	0.01	14.13
2020-10-25 09:00:01	1	18.74	0.02	13.92
2020-10-25 10:00:01	1	16.59	0.01	13.75
2020-10-25 11:00:01	1	16.59	0.01	13.56
2020-10-25 12:00:01	1	16.53	0.02	13.31
2020-10-25 13:00:01	1	16.47	0.01	13.24
2020-10-25 14:00:01	1	16.51	0.01	13.03
2020-10-25 15:00:01	1	16.40	0.01	13.02
2020-10-25 16:00:01	1	16.36	0.01	13.02
2020-10-25 17:00:01	1	16.30	0.01	13.32
2020-10-25 18:00:01	1	16.00	0.01	13.61
2020-10-25 19:00:01	1	16.25	0.01	13.68
2020-10-25 20:00:01	1	16.27	0.06	13.86
2020-10-25 21:00:01	1	29.56	0.02	17.07
2020-10-25 22:00:01	1	46.04	0.02	20.52

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-25 23:00:01	1	16.69	0.02	14.19
2020-10-26 00:00:01	1	16.69	0.02	14.22
2020-10-26 01:00:01	1	16.72	0.02	14.14
2020-10-26 02:00:01	1	16.75	0.02	14.18
2020-10-26 03:00:01	1	17.34	0.01	14.11
2020-10-26 04:00:01	1	19.54	0.01	14.11
2020-10-26 05:00:01	1	17.81	0.01	14.24
2020-10-26 06:00:01	1	17.03	0.01	14.17
2020-10-26 07:00:01	1	16.69	0.01	14.17
2020-10-26 08:00:01	1	16.93	0.01	14.10
2020-10-26 09:00:01	1	17.20	0.01	13.04
2020-10-26 10:00:01	1	16.85	0.01	12.59
2020-10-26 11:00:01	1	16.73	0.01	12.40
2020-10-26 12:00:01	1	16.68	0.01	12.12
2020-10-26 13:00:01	1	16.77	0.01	12.02
2020-10-26 14:00:01	1	16.51	0.02	12.12
2020-10-26 15:00:01	1	16.54	0.02	11.85
2020-10-26 16:00:01	1	16.63	0.02	11.77
2020-10-26 17:00:01	1	19.68	0.02	11.57
2020-10-26 18:00:01	1	18.57	0.02	11.89
2020-10-26 19:00:01	1	16.77	0.02	12.50
2020-10-26 20:00:01	1	17.10	0.06	12.65
2020-10-26 21:00:01	1	29.81	0.03	15.99
2020-10-26 22:00:01	1	45.35	0.02	19.26
2020-10-26 23:00:01	1	16.59	0.02	12.92
2020-10-27 00:00:01	1	16.52	0.02	12.97
2020-10-27 01:00:01	1	16.59	0.02	12.89
2020-10-27 02:00:01	1	16.47	0.02	13.02
2020-10-27 03:00:01	1	16.53	0.02	12.92
2020-10-27 04:00:01	1	17.85	0.02	13.07
2020-10-27 05:00:01	1	17.22	0.02	13.08
2020-10-27 06:00:01	1	16.91	0.01	13.11
2020-10-27 07:00:01	1	17.04	0.01	13.23
2020-10-27 08:00:01	1	16.13	0.02	12.59
2020-10-27 09:00:01	1	17.79	0.03	11.97
2020-10-27 10:00:01	1	16.86	0.02	11.40
2020-10-27 11:00:01	1	16.73	0.02	11.14
2020-10-27 12:00:01	1	17.54	0.02	11.16
2020-10-27 13:00:01	1	16.75	0.02	11.01
2020-10-27 14:00:01	1	16.46	0.02	11.30
2020-10-27 15:00:01	1	16.34	0.02	11.57
2020-10-27 16:00:01	1	16.08	0.02	11.85
2020-10-27 17:00:01	1	15.95	0.02	11.97
2020-10-27 18:00:01	1	16.05	0.02	12.17
2020-10-27 19:00:01	1	15.90	0.02	12.44
2020-10-27 20:00:01	1	13.75	0.06	12.57

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-27 21:00:01	1	25.57	0.02	15.81
2020-10-27 22:00:01	1	45.11	0.02	19.02
2020-10-27 23:00:01	1	16.64	0.02	12.80
2020-10-28 00:00:01	1	16.75	0.02	12.83
2020-10-28 01:00:01	1	16.86	0.01	13.13
2020-10-28 02:00:01	1	16.87	0.01	13.12
2020-10-28 03:00:01	1	17.08	0.01	13.10
2020-10-28 04:00:01	1	17.56	0.01	13.00
2020-10-28 05:00:01	1	17.28	0.01	12.69
2020-10-28 06:00:01	1	16.39	0.02	12.60
2020-10-28 07:00:01	1	16.51	0.02	12.63
2020-10-28 08:00:01	1	17.38	0.02	12.29
2020-10-28 09:00:01	1	16.97	0.03	11.89
2020-10-28 10:00:01	1	16.47	0.02	11.46
2020-10-28 11:00:01	1	16.33	0.02	11.32
2020-10-28 12:00:01	1	16.30	0.02	11.26
2020-10-28 13:00:01	1	17.13	0.02	11.31
2020-10-28 14:00:01	1	16.39	0.02	11.30
2020-10-28 15:00:01	1	16.40	0.03	11.30
2020-10-28 16:00:01	1	16.28	0.02	11.32
2020-10-28 17:00:01	1	16.22	0.02	11.34
2020-10-28 18:00:01	1	16.11	0.02	11.51
2020-10-28 19:00:01	1	16.16	0.02	11.59
2020-10-28 20:00:01	1	15.53	0.06	11.70
2020-10-28 21:00:01	1	30.50	0.02	15.06
2020-10-28 22:00:01	1	44.16	0.01	17.85
2020-10-28 23:00:01	1	16.53	0.01	11.99
2020-10-29 00:00:01	1	16.61	0.01	11.81
2020-10-29 01:00:01	1	16.60	0.01	11.86
2020-10-29 02:00:01	1	16.74	0.01	11.81
2020-10-29 03:00:01	1	16.79	0.02	11.86
2020-10-29 04:00:01	1	15.80	0.02	11.71
2020-10-29 05:00:01	1	16.30	0.02	11.81
2020-10-29 06:00:01	1	16.54	0.02	11.71
2020-10-29 07:00:01	1	15.99	0.02	11.75
2020-10-29 08:00:01	1	15.79	0.02	11.76
2020-10-29 09:00:01	1	23.68	0.03	11.29
2020-10-29 10:00:01	1	17.19	0.03	10.51
2020-10-29 11:00:01	1	17.22	0.03	10.35
2020-10-29 12:00:01	1	17.44	0.02	10.36
2020-10-29 13:00:01	1	17.27	0.02	10.26
2020-10-29 14:00:01	1	17.76	0.03	10.18
2020-10-29 15:00:01	1	17.42	0.03	10.26
2020-10-29 16:00:01	1	17.27	0.03	10.37
2020-10-29 17:00:01	1	17.48	0.03	10.36
2020-10-29 18:00:01	1	17.25	0.02	10.40

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-29 19:00:01	1	17.17	0.02	10.50
2020-10-29 20:00:01	1	16.79	0.06	10.70
2020-10-29 21:00:01	1	31.77	0.03	14.08
2020-10-29 22:00:01	1	44.17	0.03	16.50
2020-10-29 23:00:01	1	17.16	0.03	10.68
2020-10-30 00:00:01	1	17.05	0.03	10.66
2020-10-30 01:00:01	1	17.72	0.03	10.70
2020-10-30 02:00:01	1	17.22	0.03	10.71
2020-10-30 03:00:01	1	17.26	0.03	10.76
2020-10-30 04:00:01	1	17.62	0.03	10.72
2020-10-30 05:00:01	1	17.86	0.03	10.77
2020-10-30 06:00:01	1	17.45	0.02	10.83
2020-10-30 07:00:01	1	17.67	0.02	10.77
2020-10-30 08:00:01	1	18.14	0.03	10.73
2020-10-30 09:00:01	1	25.39	0.03	10.77
2020-10-30 10:00:01	1	17.45	0.03	10.37
2020-10-30 11:00:01	1	17.86	0.03	10.28
2020-10-30 12:00:01	1	17.63	0.03	10.30
2020-10-30 13:00:01	1	17.79	0.03	10.18
2020-10-30 14:00:01	1	17.56	0.03	10.17
2020-10-30 15:00:01	1	17.15	0.04	10.17
2020-10-30 16:00:01	1	16.55	0.04	10.22
2020-10-30 17:00:01	1	17.28	0.03	10.30
2020-10-30 18:00:01	1	16.90	0.03	10.41
2020-10-30 19:00:01	1	16.70	0.03	10.47
2020-10-30 20:00:01	1	16.52	0.07	10.53
2020-10-30 21:00:01	1	31.78	0.04	13.76
2020-10-30 22:00:01	1	43.43	0.03	16.22
2020-10-30 23:00:01	1	17.05	0.02	10.52
2020-10-31 00:00:01	1	17.10	0.02	10.54
2020-10-31 01:00:01	1	17.31	0.02	10.87
2020-10-31 02:00:01	1	17.52	0.02	10.79
2020-10-31 03:00:01	1	17.33	0.02	10.64
2020-10-31 04:00:01	1	17.93	0.02	10.79
2020-10-31 05:00:01	1	17.41	0.02	10.61
2020-10-31 06:00:01	1	17.51	0.02	10.57
2020-10-31 07:00:01	1	17.76	0.03	10.56
2020-10-31 08:00:01	1	17.78	0.03	10.53
2020-10-31 09:00:01	1	20.71	0.04	10.58
2020-10-31 10:00:01	1	17.21	0.03	10.22
2020-10-31 11:00:01	1	17.05	0.03	10.14
2020-10-31 12:00:01	1	17.13	0.03	9.99
2020-10-31 13:00:01	1	17.25	0.03	10.09
2020-10-31 14:00:01	1	17.20	0.04	9.96
2020-10-31 15:00:01	1	16.82	0.04	10.20
2020-10-31 16:00:01	1	16.82	0.03	10.22

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-10-31 17:00:01	1	16.65	0.04	10.26
2020-10-31 18:00:01	1	16.60	0.03	10.37
2020-10-31 19:00:01	1	16.57	0.03	10.38
2020-10-31 20:00:01	1	17.28	0.08	10.40
2020-10-31 21:00:01	1	32.67	0.04	14.03
2020-10-31 22:00:01	1	42.86	0.03	16.08
2020-10-31 23:00:01	1	17.24	0.03	10.40
2020-11-01 00:00:01	1	17.31	0.03	10.43
2020-11-01 01:00:01	1	17.37	0.03	10.45
2020-11-01 02:00:01	1	17.65	0.03	10.49
2020-11-01 03:00:01	1	17.91	0.03	10.47
2020-11-01 04:00:01	1	17.81	0.03	10.50
2020-11-01 05:00:01	1	17.68	0.03	10.48
2020-11-01 06:00:01	1	17.84	0.02	10.50
2020-11-01 07:00:01	1	17.96	0.02	10.46
2020-11-01 08:00:01	1	17.83	0.02	10.35
2020-11-01 09:00:01	1	19.17	0.03	10.23
2020-11-01 10:00:01	1	17.57	0.03	9.71
2020-11-01 11:00:01	1	17.56	0.03	9.55
2020-11-01 12:00:01	1	17.53	0.03	9.51
2020-11-01 13:00:01	1	17.55	0.03	9.68
2020-11-01 14:00:01	1	17.57	0.03	9.64
2020-11-01 15:00:01	1	17.50	0.04	9.51
2020-11-01 16:00:01	1	17.31	0.03	9.56
2020-11-01 17:00:01	1	17.14	0.03	9.60
2020-11-01 18:00:01	1	17.08	0.03	9.72
2020-11-01 19:00:01	1	17.01	0.03	9.79
2020-11-01 20:00:01	1	17.07	0.07	9.84
2020-11-01 21:00:01	1	34.02	0.04	13.50
2020-11-01 22:00:01	1	43.79	0.03	15.51
2020-11-01 23:00:01	1	17.93	0.03	10.03
2020-11-02 00:00:01	1	18.09	0.03	10.08
2020-11-02 01:00:01	1	18.20	0.03	10.03
2020-11-02 02:00:01	1	18.29	0.02	10.02
2020-11-02 03:00:01	1	18.78	0.02	9.98
2020-11-02 04:00:01	1	18.58	0.02	10.04
2020-11-02 05:00:01	1	18.28	0.02	9.98
2020-11-02 06:00:01	1	18.42	0.02	9.95
2020-11-02 07:00:01	1	18.48	0.03	10.03
2020-11-02 08:00:01	1	18.44	0.03	9.98
2020-11-02 09:00:01	1	19.27	0.03	10.01
2020-11-02 10:00:01	1	18.54	0.03	9.81
2020-11-02 11:00:01	1	19.75	0.03	9.75
2020-11-02 12:00:01	1	16.32	0.03	8.91
2020-11-02 13:00:01	1	5.57	0.03	8.68
2020-11-02 14:00:01	1	3.17	0.05	8.63

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-02 15:00:01	1	7.00	0.05	8.73
2020-11-02 16:00:01	1	23.42	0.03	8.70
2020-11-02 17:00:01	1	23.12	0.03	8.83
2020-11-02 18:00:01	1	22.83	0.03	8.86
2020-11-02 19:00:01	1	22.32	0.03	8.91
2020-11-02 20:00:01	1	23.65	0.07	8.85
2020-11-02 21:00:01	1	39.32	0.04	12.58
2020-11-02 22:00:01	1	47.37	0.03	14.44
2020-11-02 23:00:01	1	20.50	0.03	8.97
2020-11-03 00:00:01	1	20.46	0.03	8.97
2020-11-03 01:00:01	1	20.79	0.03	8.97
2020-11-03 02:00:01	1	21.82	0.03	8.88
2020-11-03 03:00:01	1	21.69	0.03	8.91
2020-11-03 04:00:01	1	20.58	0.03	8.90
2020-11-03 05:00:01	1	21.37	0.02	8.93
2020-11-03 06:00:01	1	20.74	0.02	8.97
2020-11-03 07:00:01	1	20.80	0.02	8.96
2020-11-03 08:00:01	1	18.82	0.03	8.71
2020-11-03 09:00:01	1	11.63	0.04	8.60
2020-11-03 10:00:01	1	21.15	0.03	8.45
2020-11-03 11:00:01	1	21.11	0.03	8.40
2020-11-03 12:00:01	1	21.23	0.03	8.50
2020-11-03 13:00:01	1	22.87	0.04	8.55
2020-11-03 14:00:01	1	21.59	0.04	8.52
2020-11-03 15:00:01	1	21.44	0.04	8.60
2020-11-03 16:00:01	1	21.17	0.04	8.55
2020-11-03 17:00:01	1	21.24	0.04	8.58
2020-11-03 18:00:01	1	20.86	0.03	8.82
2020-11-03 19:00:01	1	20.76	0.03	8.90
2020-11-03 20:00:01	1	21.79	0.08	9.00
2020-11-03 21:00:01	1	36.27	0.04	12.92
2020-11-03 22:00:01	1	46.91	0.03	14.63
2020-11-03 23:00:01	1	20.45	0.03	9.27
2020-11-04 00:00:01	1	20.44	0.03	9.26
2020-11-04 01:00:01	1	20.59	0.03	9.25
2020-11-04 02:00:01	1	20.66	0.03	9.19
2020-11-04 03:00:01	1	20.55	0.03	9.19
2020-11-04 04:00:01	1	20.45	0.03	9.21
2020-11-04 05:00:01	1	20.39	0.03	9.35
2020-11-04 06:00:01	1	20.29	0.03	9.35
2020-11-04 07:00:01	1	20.52	0.04	9.31
2020-11-04 08:00:01	1	21.65	0.04	9.09
2020-11-04 09:00:01	1	20.99	0.05	8.99
2020-11-04 10:00:01	1	21.16	0.03	8.58
2020-11-04 11:00:01	1	21.25	0.03	8.47
2020-11-04 12:00:01	1	21.38	0.03	8.26

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-04 13:00:01	1	22.61	0.04	8.38
2020-11-04 14:00:01	1	21.86	0.04	8.47
2020-11-04 15:00:01	1	21.49	0.05	8.49
2020-11-04 16:00:01	1	21.25	0.05	8.48
2020-11-04 17:00:01	1	21.13	0.04	8.53
2020-11-04 18:00:01	1	21.03	0.04	8.82
2020-11-04 19:00:01	1	20.80	0.04	9.00
2020-11-04 20:00:01	1	20.23	0.08	9.00
2020-11-04 21:00:01	1	36.84	0.05	12.93
2020-11-04 22:00:01	1	44.00	0.04	14.55
2020-11-04 23:00:01	1	19.94	0.03	9.23
2020-11-05 00:00:01	1	20.13	0.03	9.37
2020-11-05 01:00:01	1	20.22	0.03	9.34
2020-11-05 02:00:01	1	20.29	0.03	9.24
2020-11-05 03:00:01	1	20.62	0.03	9.36
2020-11-05 04:00:01	1	20.57	0.03	9.34
2020-11-05 05:00:01	1	20.61	0.03	9.45
2020-11-05 06:00:01	1	20.40	0.03	9.27
2020-11-05 07:00:01	1	20.63	0.03	9.27
2020-11-05 08:00:01	1	20.20	0.03	9.45
2020-11-05 09:00:01	1	23.13	0.05	9.07
2020-11-05 10:00:01	1	20.99	0.04	8.93
2020-11-05 11:00:01	1	20.87	0.04	9.02
2020-11-05 12:00:01	1	21.10	0.04	8.87
2020-11-05 13:00:01	1	21.35	0.04	9.04
2020-11-05 14:00:01	1	21.35	0.04	9.06
2020-11-05 15:00:01	1	21.32	0.04	8.99
2020-11-05 16:00:01	1	21.23	0.04	8.96
2020-11-05 17:00:01	1	21.06	0.04	9.03
2020-11-05 18:00:01	1	20.97	0.04	9.15
2020-11-05 19:00:01	1	20.63	0.04	9.20
2020-11-05 20:00:01	1	20.44	0.08	9.06
2020-11-05 21:00:01	1	35.54	0.05	12.91
2020-11-05 22:00:01	1	45.14	0.03	14.42
2020-11-05 23:00:01	1	20.64	0.03	9.28
2020-11-06 00:00:01	1	20.50	0.03	9.34
2020-11-06 01:00:01	1	20.48	0.03	9.41
2020-11-06 02:00:01	1	20.30	0.03	9.40
2020-11-06 03:00:01	1	20.08	0.03	9.41
2020-11-06 04:00:01	1	19.96	0.03	9.42
2020-11-06 05:00:01	1	20.62	0.03	9.53
2020-11-06 06:00:01	1	20.54	0.03	9.62
2020-11-06 07:00:01	1	20.42	0.03	9.59
2020-11-06 08:00:01	1	30.18	0.04	9.21
2020-11-06 09:00:01	1	26.11	0.04	9.06
2020-11-06 10:00:01	1	20.74	0.04	9.12

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-06 11:00:01	1	20.51	0.05	9.17
2020-11-06 12:00:01	1	20.44	0.05	9.05
2020-11-06 13:00:01	1	20.92	0.05	8.95
2020-11-06 14:00:01	1	20.68	0.04	8.89
2020-11-06 15:00:01	1	20.82	0.04	8.93
2020-11-06 16:00:01	1	20.66	0.04	8.94
2020-11-06 17:00:01	1	20.48	0.04	9.06
2020-11-06 18:00:01	1	20.60	0.04	9.16
2020-11-06 19:00:01	1	20.12	0.04	9.26
2020-11-06 20:00:01	1	20.11	0.08	9.32
2020-11-06 21:00:01	1	39.19	0.05	13.54
2020-11-06 22:00:01	1	44.28	0.04	14.72
2020-11-06 23:00:01	1	20.26	0.04	9.52
2020-11-07 00:00:01	1	20.24	0.04	9.49
2020-11-07 01:00:01	1	20.20	0.04	9.44
2020-11-07 02:00:01	1	20.14	0.04	9.51
2020-11-07 03:00:01	1	20.63	0.03	9.33
2020-11-07 04:00:01	1	19.82	0.03	9.36
2020-11-07 05:00:01	1	21.40	0.03	9.47
2020-11-07 06:00:01	1	20.23	0.02	9.49
2020-11-07 07:00:01	1	20.33	0.02	9.58
2020-11-07 08:00:01	1	20.63	0.02	9.62
2020-11-07 09:00:01	1	25.44	0.03	9.53
2020-11-07 10:00:01	1	28.85	0.04	9.29
2020-11-07 11:00:01	1	20.74	0.04	9.25
2020-11-07 12:00:01	1	20.79	0.04	9.31
2020-11-07 13:00:01	1	20.47	0.04	9.29
2020-11-07 14:00:01	1	20.48	0.04	9.32
2020-11-07 15:00:01	1	20.32	0.04	9.30
2020-11-07 16:00:01	1	20.40	0.04	9.27
2020-11-07 17:00:01	1	20.39	0.04	9.30
2020-11-07 18:00:01	1	20.46	0.04	9.30
2020-11-07 19:00:01	1	20.09	0.04	9.40
2020-11-07 20:00:01	1	18.40	0.08	9.36
2020-11-07 21:00:01	1	39.32	0.04	13.72
2020-11-07 22:00:01	1	43.38	0.03	14.48
2020-11-07 23:00:01	1	19.98	0.03	9.47
2020-11-08 00:00:01	1	20.04	0.03	9.47
2020-11-08 01:00:01	1	20.23	0.03	9.43
2020-11-08 02:00:01	1	20.24	0.03	9.46
2020-11-08 03:00:01	1	20.59	0.03	9.45
2020-11-08 04:00:01	1	20.56	0.03	9.56
2020-11-08 05:00:01	1	21.33	0.03	9.48
2020-11-08 06:00:01	1	20.32	0.03	9.46
2020-11-08 07:00:01	1	20.10	0.03	9.49
2020-11-08 08:00:01	1	19.47	0.03	9.41

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-08 09:00:01	1	25.52	0.05	9.53
2020-11-08 10:00:01	1	20.70	0.04	9.23
2020-11-08 11:00:01	1	20.47	0.04	9.22
2020-11-08 12:00:01	1	20.58	0.04	9.12
2020-11-08 13:00:01	1	20.91	0.04	9.16
2020-11-08 14:00:01	1	20.78	0.04	9.07
2020-11-08 15:00:01	1	20.76	0.04	9.12
2020-11-08 16:00:01	1	20.58	0.04	9.19
2020-11-08 17:00:01	1	20.52	0.04	9.13
2020-11-08 18:00:01	1	20.86	0.03	9.19
2020-11-08 19:00:01	1	20.53	0.02	9.24
2020-11-08 20:00:01	1	19.88	0.07	9.39
2020-11-08 21:00:01	1	35.49	0.04	13.88
2020-11-08 22:00:01	1	30.47	0.03	14.70
2020-11-08 23:00:01	1	7.78	0.03	9.62
2020-11-09 00:00:01	1	10.44	0.03	9.68
2020-11-09 01:00:01	1	5.02	0.03	9.69
2020-11-09 02:00:01	1	2.09	0.04	9.68
2020-11-09 03:00:01	1	1.51	0.08	9.71
2020-11-09 04:00:01	1	8.98	0.19	9.70
2020-11-09 05:00:01	1	20.66	0.03	9.68
2020-11-09 06:00:01	1	20.59	0.03	9.68
2020-11-09 07:00:01	1	20.09	0.03	9.78
2020-11-09 08:00:01	1	20.75	0.03	9.70
2020-11-09 09:00:01	1	20.87	0.04	9.73
2020-11-09 10:00:01	1	20.55	0.04	9.47
2020-11-09 11:00:01	1	20.36	0.04	9.33
2020-11-09 12:00:01	1	20.55	0.03	9.35
2020-11-09 13:00:01	1	20.66	0.03	9.50
2020-11-09 14:00:01	1	20.60	0.03	9.40
2020-11-09 15:00:01	1	20.48	0.04	9.39
2020-11-09 16:00:01	1	20.54	0.04	9.42
2020-11-09 17:00:01	1	20.32	0.04	9.50
2020-11-09 18:00:01	1	20.35	0.04	9.60
2020-11-09 19:00:01	1	19.74	0.03	9.61
2020-11-09 20:00:01	1	20.19	0.08	9.68
2020-11-09 21:00:01	1	42.49	0.04	14.01
2020-11-09 22:00:01	1	44.12	0.03	14.53
2020-11-09 23:00:01	1	21.58	0.03	9.65
2020-11-10 00:00:01	1	21.54	0.03	9.61
2020-11-10 01:00:01	1	21.52	0.03	9.65
2020-11-10 02:00:01	1	22.17	0.02	9.61
2020-11-10 03:00:01	1	22.77	0.02	9.62
2020-11-10 04:00:01	1	21.74	0.03	9.65
2020-11-10 05:00:01	1	21.58	0.03	9.68
2020-11-10 06:00:01	1	20.53	0.03	9.65

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-10 07:00:01	1	20.38	0.03	9.65
2020-11-10 08:00:01	1	19.86	0.03	9.59
2020-11-10 09:00:01	1	20.07	0.04	9.56
2020-11-10 10:00:01	1	20.91	0.03	9.29
2020-11-10 11:00:01	1	20.94	0.03	9.12
2020-11-10 12:00:01	1	21.20	0.03	8.90
2020-11-10 13:00:01	1	21.56	0.04	8.99
2020-11-10 14:00:01	1	21.00	0.04	9.12
2020-11-10 15:00:01	1	21.03	0.04	9.28
2020-11-10 16:00:01	1	20.49	0.04	9.38
2020-11-10 17:00:01	1	22.02	0.04	9.39
2020-11-10 18:00:01	1	21.22	0.04	9.39
2020-11-10 19:00:01	1	21.02	0.03	9.35
2020-11-10 20:00:01	1	21.19	0.07	9.46
2020-11-10 21:00:01	1	41.34	0.03	14.02
2020-11-10 22:00:01	1	42.77	0.03	14.26
2020-11-10 23:00:01	1	20.85	0.03	9.53
2020-11-11 00:00:01	1	21.26	0.03	9.65
2020-11-11 01:00:01	1	21.09	0.03	9.62
2020-11-11 02:00:01	1	21.32	0.02	9.62
2020-11-11 03:00:01	1	21.08	0.02	9.59
2020-11-11 04:00:01	1	21.10	0.03	9.67
2020-11-11 05:00:01	1	21.73	0.03	9.64
2020-11-11 06:00:01	1	21.05	0.03	9.72
2020-11-11 07:00:01	1	20.84	0.02	9.73
2020-11-11 08:00:01	1	20.69	0.03	9.56
2020-11-11 09:00:01	1	16.78	0.04	9.77
2020-11-11 10:00:01	1	21.35	0.03	9.51
2020-11-11 11:00:01	1	21.29	0.03	9.29
2020-11-11 12:00:01	1	21.58	0.03	9.14
2020-11-11 13:00:01	1	22.01	0.03	9.10
2020-11-11 14:00:01	1	21.98	0.04	9.07
2020-11-11 15:00:01	1	21.71	0.04	8.85
2020-11-11 16:00:01	1	21.77	0.03	8.80
2020-11-11 17:00:01	1	21.71	0.03	8.93
2020-11-11 18:00:01	1	21.52	0.04	9.05
2020-11-11 19:00:01	1	21.54	0.03	9.26
2020-11-11 20:00:01	1	21.91	0.07	9.51
2020-11-11 21:00:01	1	42.88	0.04	14.38
2020-11-11 22:00:01	1	42.20	0.03	14.31
2020-11-11 23:00:01	1	21.23	0.03	9.59
2020-11-12 00:00:01	1	21.40	0.03	9.52
2020-11-12 01:00:01	1	21.63	0.03	9.49
2020-11-12 02:00:01	1	21.02	0.03	9.49
2020-11-12 03:00:01	1	20.79	0.03	9.64
2020-11-12 04:00:01	1	21.05	0.03	9.61

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-12 05:00:01	1	21.55	0.03	9.66
2020-11-12 06:00:01	1	21.34	0.03	9.77
2020-11-12 07:00:01	1	21.43	0.03	9.64
2020-11-12 08:00:01	1	20.33	0.03	9.50
2020-11-12 09:00:01	1	21.69	0.05	9.40
2020-11-12 10:00:01	1	21.73	0.04	9.31
2020-11-12 11:00:01	1	21.75	0.04	9.09
2020-11-12 12:00:01	1	21.19	0.04	9.02
2020-11-12 13:00:01	1	22.01	0.03	8.79
2020-11-12 14:00:01	1	22.19	0.04	8.79
2020-11-12 15:00:01	1	21.76	0.04	9.04
2020-11-12 16:00:01	1	21.44	0.04	8.99
2020-11-12 17:00:01	1	21.49	0.03	8.97
2020-11-12 18:00:01	1	21.60	0.03	9.08
2020-11-12 19:00:01	1	21.33	0.03	9.44
2020-11-12 20:00:01	1	22.23	0.07	9.49
2020-11-12 21:00:01	1	43.41	0.04	14.29
2020-11-12 22:00:01	1	42.08	0.03	14.11
2020-11-12 23:00:01	1	20.93	0.03	9.45
2020-11-13 00:00:01	1	21.53	0.04	9.42
2020-11-13 01:00:01	1	21.54	0.03	9.45
2020-11-13 02:00:01	1	21.27	0.03	9.51
2020-11-13 03:00:01	1	21.66	0.03	9.64
2020-11-13 04:00:01	1	21.25	0.03	9.60
2020-11-13 05:00:01	1	21.14	0.03	9.53
2020-11-13 06:00:01	1	21.10	0.02	9.52
2020-11-13 07:00:01	1	20.95	0.03	9.42
2020-11-13 08:00:01	1	21.91	0.04	9.16
2020-11-13 09:00:01	0.59	22.11	0.04	9.05
2020-11-13 10:00:01	0	0.00	0.00	0.00
2020-11-13 11:00:01	0.112777778	0.00	0.00	0.00
2020-11-13 12:00:01	1	21.81	0.04	8.84
2020-11-13 13:00:01	1	22.27	0.04	8.96
2020-11-13 14:00:01	1	21.70	0.04	9.02
2020-11-13 15:00:01	1	21.50	0.04	8.92
2020-11-13 16:00:01	1	21.39	0.03	8.87
2020-11-13 17:00:01	1	21.36	0.03	8.94
2020-11-13 18:00:01	1	21.27	0.03	8.99
2020-11-13 19:00:01	1	21.36	0.03	9.27
2020-11-13 20:00:01	1	21.64	0.08	9.34
2020-11-13 21:00:01	1	44.96	0.05	14.64
2020-11-13 22:00:01	1	41.96	0.04	13.99
2020-11-13 23:00:01	1	21.29	0.04	9.54
2020-11-14 00:00:01	1	21.16	0.03	9.50
2020-11-14 01:00:01	1	21.15	0.03	9.46
2020-11-14 02:00:01	1	21.13	0.03	9.48

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-14 03:00:01	1	21.08	0.03	9.50
2020-11-14 04:00:01	1	22.07	0.03	9.49
2020-11-14 05:00:01	1	22.57	0.02	9.53
2020-11-14 06:00:01	1	22.24	0.02	9.55
2020-11-14 07:00:01	1	21.84	0.02	9.56
2020-11-14 08:00:01	1	22.11	0.03	9.73
2020-11-14 09:00:01	1	20.13	0.04	9.73
2020-11-14 10:00:01	1	25.10	0.03	9.33
2020-11-14 11:00:01	1	21.71	0.03	9.36
2020-11-14 12:00:01	1	21.80	0.03	9.31
2020-11-14 13:00:01	1	22.01	0.03	9.36
2020-11-14 14:00:01	1	21.90	0.03	9.30
2020-11-14 15:00:01	1	21.82	0.04	9.29
2020-11-14 16:00:01	1	21.63	0.04	9.31
2020-11-14 17:00:01	1	21.43	0.04	9.38
2020-11-14 18:00:01	1	21.30	0.04	9.40
2020-11-14 19:00:01	1	21.27	0.04	9.47
2020-11-14 20:00:01	1	22.16	0.08	9.53
2020-11-14 21:00:01	1	44.94	0.05	14.45
2020-11-14 22:00:01	1	41.56	0.04	13.87
2020-11-14 23:00:01	1	21.12	0.03	9.45
2020-11-15 00:00:01	1	21.23	0.03	9.49
2020-11-15 01:00:01	1	21.44	0.03	9.37
2020-11-15 02:00:01	1	21.40	0.03	9.34
2020-11-15 03:00:01	1	21.40	0.03	9.37
2020-11-15 04:00:01	1	20.95	0.03	9.45
2020-11-15 05:00:01	1	22.66	0.03	9.49
2020-11-15 06:00:01	1	21.43	0.02	9.46
2020-11-15 07:00:01	1	21.39	0.03	9.49
2020-11-15 08:00:01	1	21.42	0.03	9.49
2020-11-15 09:00:01	0.809166667	20.48	0.04	9.28
2020-11-15 10:00:01	0	0.00	0.00	0.00
2020-11-15 11:00:01	0	0.00	0.00	0.00
2020-11-15 12:00:01	0.362777778	0.00	0.00	0.00
2020-11-15 13:00:01	1	22.02	0.04	9.01
2020-11-15 14:00:01	1	21.89	0.04	8.96
2020-11-15 15:00:01	1	21.88	0.04	8.97
2020-11-15 16:00:01	1	21.80	0.04	9.02
2020-11-15 17:00:01	1	21.72	0.04	9.22
2020-11-15 18:00:01	1	21.37	0.04	9.39
2020-11-15 19:00:01	1	21.42	0.03	9.36
2020-11-15 20:00:01	1	23.40	0.08	9.48
2020-11-15 21:00:01	1	46.08	0.04	14.59
2020-11-15 22:00:01	1	40.57	0.03	13.85
2020-11-15 23:00:01	1	21.02	0.03	9.56
2020-11-16 00:00:01	1	21.19	0.03	9.65

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-16 01:00:01	1	21.23	0.04	9.66
2020-11-16 02:00:01	1	21.27	0.04	9.66
2020-11-16 03:00:01	1	21.11	0.03	9.71
2020-11-16 04:00:01	1	21.11	0.03	9.75
2020-11-16 05:00:01	1	21.42	0.03	9.93
2020-11-16 06:00:01	1	21.36	0.03	9.75
2020-11-16 07:00:01	1	21.42	0.03	9.46
2020-11-16 08:00:01	1	22.07	0.03	9.06
2020-11-16 09:00:01	0.162777778	0.00	0.00	0.00
2020-11-16 10:00:01	0.534444444	21.87	0.04	8.80
2020-11-16 11:00:01	1	21.83	0.04	8.71
2020-11-16 12:00:01	1	21.97	0.04	8.79
2020-11-16 13:00:01	1	22.09	0.03	8.83
2020-11-16 14:00:01	1	22.51	0.03	8.87
2020-11-16 15:00:01	1	22.74	0.03	8.81
2020-11-16 16:00:01	1	22.56	0.03	8.95
2020-11-16 17:00:01	1	22.13	0.03	9.16
2020-11-16 18:00:01	1	21.97	0.04	9.42
2020-11-16 19:00:01	1	21.47	0.04	9.63
2020-11-16 20:00:01	1	20.57	0.08	10.09
2020-11-16 21:00:01	1	45.87	0.04	15.30
2020-11-16 22:00:01	1	40.90	0.03	14.13
2020-11-16 23:00:01	1	21.29	0.02	9.64
2020-11-17 00:00:01	1	21.66	0.03	9.61
2020-11-17 01:00:01	1	21.47	0.03	9.63
2020-11-17 02:00:01	1	21.36	0.03	9.63
2020-11-17 03:00:01	1	21.57	0.03	9.69
2020-11-17 04:00:01	1	21.65	0.03	9.73
2020-11-17 05:00:01	1	21.54	0.02	9.70
2020-11-17 06:00:01	1	21.64	0.02	9.53
2020-11-17 07:00:01	1	21.79	0.03	9.41
2020-11-17 08:00:01	1	22.27	0.03	9.18
2020-11-17 09:00:01	0.061944444	0.00	0.00	0.00
2020-11-17 10:00:01	0	0.00	0.00	0.00
2020-11-17 11:00:01	0	0.00	0.00	0.00
2020-11-17 12:00:01	0	0.00	0.00	0.00
2020-11-17 13:00:01	0	0.00	0.00	0.00
2020-11-17 14:00:01	0	0.00	0.00	0.00
2020-11-17 15:00:01	0	0.00	0.00	0.00
2020-11-17 16:00:01	0.482222222	0.00	0.00	0.00
2020-11-17 17:00:01	1	21.78	0.04	9.16
2020-11-17 18:00:01	1	21.65	0.04	9.29
2020-11-17 19:00:01	1	21.32	0.04	9.54
2020-11-17 20:00:01	1	21.34	0.08	9.51
2020-11-17 21:00:01	1	50.42	0.05	15.22
2020-11-17 22:00:01	1	41.99	0.04	13.83

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-17 23:00:01	1	22.86	0.03	9.52
2020-11-18 00:00:01	1	23.09	0.03	9.42
2020-11-18 01:00:01	1	23.11	0.03	9.38
2020-11-18 02:00:01	1	23.11	0.03	9.25
2020-11-18 03:00:01	1	23.95	0.03	9.30
2020-11-18 04:00:01	1	24.20	0.03	9.06
2020-11-18 05:00:01	1	22.87	0.04	9.09
2020-11-18 06:00:01	1	21.81	0.03	9.12
2020-11-18 07:00:01	1	22.06	0.03	9.12
2020-11-18 08:00:01	0.918055556	22.96	0.05	9.57
2020-11-18 09:00:01	0.161111111	0.00	0.00	0.00
2020-11-18 10:00:01	1	21.85	0.05	9.50
2020-11-18 11:00:01	1	21.48	0.05	9.53
2020-11-18 12:00:01	1	21.07	0.04	9.38
2020-11-18 13:00:01	1	21.65	0.05	9.07
2020-11-18 14:00:01	1	22.15	0.04	8.83
2020-11-18 15:00:01	1	22.18	0.04	8.79
2020-11-18 16:00:01	1	22.08	0.05	8.97
2020-11-18 17:00:01	1	21.57	0.05	9.43
2020-11-18 18:00:01	1	21.24	0.06	9.64
2020-11-18 19:00:01	1	20.81	0.04	9.58
2020-11-18 20:00:01	1	20.65	0.08	9.68
2020-11-18 21:00:01	1	43.19	0.05	15.26
2020-11-18 22:00:01	1	39.87	0.03	13.98
2020-11-18 23:00:01	1	21.85	0.03	9.78
2020-11-19 00:00:01	1	21.63	0.03	9.65
2020-11-19 01:00:01	1	21.15	0.03	9.60
2020-11-19 02:00:01	1	20.95	0.03	9.74
2020-11-19 03:00:01	1	21.49	0.03	9.78
2020-11-19 04:00:01	1	21.27	0.03	9.80
2020-11-19 05:00:01	1	22.00	0.03	9.83
2020-11-19 06:00:01	1	21.58	0.03	9.81
2020-11-19 07:00:01	1	20.81	0.04	9.86
2020-11-19 08:00:01	1	20.93	0.04	9.71
2020-11-19 09:00:01	1	21.34	0.04	9.61
2020-11-19 10:00:01	0.272777778	0.00	0.00	0.00
2020-11-19 11:00:01	0	0.00	0.00	0.00
2020-11-19 12:00:01	0.586944444	21.45	0.03	9.17
2020-11-19 13:00:01	1	21.54	0.04	9.15
2020-11-19 14:00:01	1	21.88	0.03	9.16
2020-11-19 15:00:01	1	21.53	0.03	9.03
2020-11-19 16:00:01	1	21.67	0.03	9.18
2020-11-19 17:00:01	1	21.30	0.04	9.40
2020-11-19 18:00:01	1	21.17	0.05	9.55
2020-11-19 19:00:01	1	20.72	0.04	9.60
2020-11-19 20:00:01	1	22.06	0.08	9.83

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-19 21:00:01	1	46.91	0.05	15.73
2020-11-19 22:00:01	1	38.79	0.03	13.89
2020-11-19 23:00:01	1	20.85	0.03	9.90
2020-11-20 00:00:01	1	20.85	0.03	10.02
2020-11-20 01:00:01	1	20.75	0.03	10.01
2020-11-20 02:00:01	1	20.73	0.04	10.11
2020-11-20 03:00:01	1	20.97	0.04	10.05
2020-11-20 04:00:01	1	20.72	0.04	10.02
2020-11-20 05:00:01	1	20.82	0.03	10.02
2020-11-20 06:00:01	1	20.81	0.04	10.14
2020-11-20 07:00:01	1	20.97	0.04	10.14
2020-11-20 08:00:01	1	20.98	0.04	9.92
2020-11-20 09:00:01	1	20.98	0.05	10.01
2020-11-20 10:00:01	1	21.03	0.04	9.92
2020-11-20 11:00:01	1	20.98	0.04	9.87
2020-11-20 12:00:01	1	21.08	0.03	9.47
2020-11-20 13:00:01	1	21.57	0.03	9.44
2020-11-20 14:00:01	1	21.54	0.04	9.36
2020-11-20 15:00:01	1	21.50	0.04	9.40
2020-11-20 16:00:01	1	21.42	0.05	9.35
2020-11-20 17:00:01	1	21.35	0.05	9.46
2020-11-20 18:00:01	1	21.02	0.04	9.50
2020-11-20 19:00:01	1	20.94	0.04	9.70
2020-11-20 20:00:01	1	21.16	0.08	9.76
2020-11-20 21:00:01	1	47.84	0.05	15.58
2020-11-20 22:00:01	1	38.61	0.04	14.08
2020-11-20 23:00:01	1	20.78	0.04	10.21
2020-11-21 00:00:01	1	20.78	0.03	10.36
2020-11-21 01:00:01	1	20.52	0.03	9.93
2020-11-21 02:00:01	1	21.05	0.03	9.90
2020-11-21 03:00:01	1	21.76	0.04	10.03
2020-11-21 04:00:01	1	20.94	0.03	10.04
2020-11-21 05:00:01	1	20.98	0.03	10.10
2020-11-21 06:00:01	1	20.57	0.04	10.00
2020-11-21 07:00:01	1	20.87	0.04	10.01
2020-11-21 08:00:01	1	20.63	0.05	9.96
2020-11-21 09:00:01	1	20.95	0.05	9.91
2020-11-21 10:00:01	0.051944444	0.00	0.00	0.00
2020-11-21 11:00:01	0	0.00	0.00	0.00
2020-11-21 12:00:01	0	0.00	0.00	0.00
2020-11-21 13:00:01	0.893888889	23.04	0.04	9.50
2020-11-21 14:00:01	1	21.61	0.04	9.70
2020-11-21 15:00:01	1	21.39	0.05	9.60
2020-11-21 16:00:01	1	21.16	0.05	9.80
2020-11-21 17:00:01	1	21.07	0.05	9.86
2020-11-21 18:00:01	1	20.90	0.05	10.01

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-21 19:00:01	1	20.55	0.05	10.20
2020-11-21 20:00:01	1	20.72	0.08	10.23
2020-11-21 21:00:01	1	46.50	0.05	16.18
2020-11-21 22:00:01	1	33.72	0.04	13.97
2020-11-21 23:00:01	1	21.04	0.04	10.26
2020-11-22 00:00:01	1	21.22	0.04	10.32
2020-11-22 01:00:01	1	21.71	0.04	10.35
2020-11-22 02:00:01	1	20.76	0.04	10.27
2020-11-22 03:00:01	1	21.18	0.04	10.32
2020-11-22 04:00:01	1	20.82	0.04	10.34
2020-11-22 05:00:01	1	20.87	0.04	10.43
2020-11-22 06:00:01	1	20.84	0.04	10.42
2020-11-22 07:00:01	1	20.88	0.04	10.35
2020-11-22 08:00:01	1	21.49	0.04	10.30
2020-11-22 09:00:01	1	24.23	0.06	10.33
2020-11-22 10:00:01	1	21.96	0.05	10.17
2020-11-22 11:00:01	1	21.14	0.04	10.06
2020-11-22 12:00:01	1	20.91	0.04	9.95
2020-11-22 13:00:01	1	21.35	0.03	9.89
2020-11-22 14:00:01	1	21.39	0.03	9.72
2020-11-22 15:00:01	1	21.31	0.03	9.72
2020-11-22 16:00:01	1	20.98	0.03	9.75
2020-11-22 17:00:01	1	21.47	0.03	9.63
2020-11-22 18:00:01	1	21.11	0.03	10.03
2020-11-22 19:00:01	1	20.79	0.03	10.14
2020-11-22 20:00:01	1	20.89	0.07	10.24
2020-11-22 21:00:01	1	48.96	0.04	16.24
2020-11-22 22:00:01	1	37.44	0.03	14.02
2020-11-22 23:00:01	1	20.56	0.03	10.34
2020-11-23 00:00:01	1	20.63	0.03	10.36
2020-11-23 01:00:01	1	20.67	0.03	10.30
2020-11-23 02:00:01	1	20.62	0.03	10.30
2020-11-23 03:00:01	1	20.77	0.03	10.32
2020-11-23 04:00:01	1	20.71	0.02	10.31
2020-11-23 05:00:01	1	21.59	0.03	10.34
2020-11-23 06:00:01	1	20.67	0.07	10.31
2020-11-23 07:00:01	1	20.60	0.04	10.21
2020-11-23 08:00:01	1	21.27	0.02	10.04
2020-11-23 09:00:01	1	19.41	0.03	9.88
2020-11-23 10:00:01	1	19.63	0.03	9.71
2020-11-23 11:00:01	0.243333333	0.00	0.00	0.00
2020-11-23 12:00:01	0.424722222	0.00	0.00	0.00
2020-11-23 13:00:01	1	21.26	0.03	9.72
2020-11-23 14:00:01	1	21.43	0.03	9.59
2020-11-23 15:00:01	1	21.84	0.02	9.60
2020-11-23 16:00:01	1	21.38	0.03	9.81

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-23 17:00:01	1	21.23	0.03	10.01
2020-11-23 18:00:01	1	20.87	0.03	10.13
2020-11-23 19:00:01	1	20.60	0.03	10.15
2020-11-23 20:00:01	1	22.52	0.07	10.25
2020-11-23 21:00:01	1	47.89	0.03	16.49
2020-11-23 22:00:01	1	37.33	0.01	13.81
2020-11-23 23:00:01	1	20.97	0.01	10.19
2020-11-24 00:00:01	1	21.00	0.01	10.06
2020-11-24 01:00:01	1	21.32	0.01	10.00
2020-11-24 02:00:01	1	21.22	0.01	9.99
2020-11-24 03:00:01	1	22.69	0.01	10.01
2020-11-24 04:00:01	1	21.36	0.02	10.07
2020-11-24 05:00:01	1	21.53	0.02	10.25
2020-11-24 06:00:01	1	21.12	0.02	10.16
2020-11-24 07:00:01	1	21.11	0.02	10.19
2020-11-24 08:00:01	0.770277778	21.01	0.01	9.96
2020-11-24 09:00:01	0	0.00	0.00	0.00
2020-11-24 10:00:01	0	0.00	0.00	0.00
2020-11-24 11:00:01	0	0.00	0.00	0.00
2020-11-24 12:00:01	0	0.00	0.00	0.00
2020-11-24 13:00:01	0	0.00	0.00	0.00
2020-11-24 14:00:01	0	0.00	0.00	0.00
2020-11-24 15:00:01	0	0.00	0.00	0.00
2020-11-24 16:00:01	0.189166667	0.00	0.00	0.00
2020-11-24 17:00:01	1	21.89	0.05	9.74
2020-11-24 18:00:01	1	21.54	0.05	9.95
2020-11-24 19:00:01	1	21.41	0.04	9.95
2020-11-24 20:00:01	1	20.62	0.04	10.12
2020-11-24 21:00:01	1	46.72	0.05	16.58
2020-11-24 22:00:01	1	36.43	0.04	13.77
2020-11-24 23:00:01	1	21.48	0.04	10.21
2020-11-25 00:00:01	1	21.52	0.04	10.21
2020-11-25 01:00:01	1	21.59	0.04	10.24
2020-11-25 02:00:01	1	21.39	0.04	10.22
2020-11-25 03:00:01	1	22.12	0.04	10.20
2020-11-25 04:00:01	1	21.48	0.04	10.21
2020-11-25 05:00:01	1	21.84	0.04	10.24
2020-11-25 06:00:01	1	21.61	0.04	10.26
2020-11-25 07:00:01	1	21.74	0.04	10.23
2020-11-25 08:00:01	0.698611111	21.79	0.04	10.03
2020-11-25 09:00:01	0	0.00	0.00	0.00
2020-11-25 10:00:01	0	0.00	0.00	0.00
2020-11-25 11:00:01	0	0.00	0.00	0.00
2020-11-25 12:00:01	0	0.00	0.00	0.00
2020-11-25 13:00:01	0.078888889	0.00	0.00	0.00
2020-11-25 14:00:01	1	22.42	0.05	9.67

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-25 15:00:01	1	21.99	0.05	9.72
2020-11-25 16:00:01	1	22.09	0.04	9.72
2020-11-25 17:00:01	1	21.97	0.04	9.78
2020-11-25 18:00:01	1	21.89	0.04	9.82
2020-11-25 19:00:01	1	21.59	0.04	10.09
2020-11-25 20:00:01	1	21.38	0.03	10.21
2020-11-25 21:00:01	1	52.49	0.04	16.66
2020-11-25 22:00:01	1	36.85	0.03	13.75
2020-11-25 23:00:01	1	21.28	0.03	10.41
2020-11-26 00:00:01	1	21.11	0.03	10.35
2020-11-26 01:00:01	1	21.08	0.03	10.45
2020-11-26 02:00:01	1	21.19	0.03	10.42
2020-11-26 03:00:01	1	21.66	0.03	10.49
2020-11-26 04:00:01	1	21.25	0.03	10.53
2020-11-26 05:00:01	1	22.36	0.03	10.47
2020-11-26 06:00:01	1	21.46	0.03	10.54
2020-11-26 07:00:01	1	21.24	0.03	10.59
2020-11-26 08:00:01	1	21.81	0.02	10.49
2020-11-26 09:00:01	0.461944444	0.00	0.00	0.00
2020-11-26 10:00:01	0	0.00	0.00	0.00
2020-11-26 11:00:01	0	0.00	0.00	0.00
2020-11-26 12:00:01	0	0.00	0.00	0.00
2020-11-26 13:00:01	0.2825	0.00	0.00	0.00
2020-11-26 14:00:01	1	22.76	0.05	9.90
2020-11-26 15:00:01	1	21.80	0.04	9.90
2020-11-26 16:00:01	1	21.54	0.03	9.90
2020-11-26 17:00:01	1	21.49	0.03	9.89
2020-11-26 18:00:01	1	21.47	0.03	10.04
2020-11-26 19:00:01	1	21.20	0.03	10.19
2020-11-26 20:00:01	1	20.65	0.03	10.27
2020-11-26 21:00:01	1	50.15	0.04	16.65
2020-11-26 22:00:01	1	36.43	0.04	14.05
2020-11-26 23:00:01	1	20.99	0.04	10.69
2020-11-27 00:00:01	1	21.00	0.04	10.57
2020-11-27 01:00:01	1	20.88	0.04	10.39
2020-11-27 02:00:01	1	20.76	0.03	10.40
2020-11-27 03:00:01	1	20.74	0.04	10.48
2020-11-27 04:00:01	1	21.45	0.05	10.40
2020-11-27 05:00:01	1	20.90	0.04	10.44
2020-11-27 06:00:01	1	21.11	0.04	10.41
2020-11-27 07:00:01	1	20.86	0.04	10.53
2020-11-27 08:00:01	1	20.66	0.02	10.45
2020-11-27 09:00:01	0.531944444	20.20	0.05	10.36
2020-11-27 10:00:01	0	0.00	0.00	0.00
2020-11-27 11:00:01	0	0.00	0.00	0.00
2020-11-27 12:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-27 13:00:01	0.913888889	21.80	0.04	10.00
2020-11-27 14:00:01	1	21.33	0.04	9.88
2020-11-27 15:00:01	1	21.46	0.03	9.75
2020-11-27 16:00:01	1	21.58	0.03	9.80
2020-11-27 17:00:01	1	21.48	0.03	9.95
2020-11-27 18:00:01	1	21.08	0.03	10.07
2020-11-27 19:00:01	1	20.96	0.03	10.17
2020-11-27 20:00:01	1	20.95	0.03	10.36
2020-11-27 21:00:01	1	51.06	0.05	17.11
2020-11-27 22:00:01	1	35.78	0.03	13.59
2020-11-27 23:00:01	1	20.84	0.03	10.33
2020-11-28 00:00:01	1	20.72	0.04	10.48
2020-11-28 01:00:01	1	20.81	0.04	10.41
2020-11-28 02:00:01	1	20.90	0.04	10.44
2020-11-28 03:00:01	1	20.82	0.04	10.39
2020-11-28 04:00:01	1	20.92	0.03	10.41
2020-11-28 05:00:01	1	21.03	0.04	10.40
2020-11-28 06:00:01	1	20.86	0.04	10.37
2020-11-28 07:00:01	1	20.90	0.04	10.60
2020-11-28 08:00:01	0.904722222	20.94	0.03	10.33
2020-11-28 09:00:01	0	0.00	0.00	0.00
2020-11-28 10:00:01	0	0.00	0.00	0.00
2020-11-28 11:00:01	0	0.00	0.00	0.00
2020-11-28 12:00:01	0.1425	0.00	0.00	0.00
2020-11-28 13:00:01	1	21.49	0.04	9.89
2020-11-28 14:00:01	1	21.39	0.04	9.87
2020-11-28 15:00:01	1	21.55	0.03	9.77
2020-11-28 16:00:01	1	21.79	0.02	9.64
2020-11-28 17:00:01	1	21.82	0.02	9.84
2020-11-28 18:00:01	1	21.25	0.03	10.06
2020-11-28 19:00:01	1	20.98	0.03	10.16
2020-11-28 20:00:01	1	19.74	0.03	10.23
2020-11-28 21:00:01	1	51.78	0.04	16.84
2020-11-28 22:00:01	1	35.41	0.03	13.44
2020-11-28 23:00:01	1	23.97	0.02	10.40
2020-11-29 00:00:01	1	24.38	0.03	10.38
2020-11-29 01:00:01	1	24.81	0.03	10.36
2020-11-29 02:00:01	1	24.92	0.03	10.44
2020-11-29 03:00:01	1	25.30	0.03	10.40
2020-11-29 04:00:01	1	25.60	0.04	10.41
2020-11-29 05:00:01	1	25.38	0.04	10.43
2020-11-29 06:00:01	1	25.87	0.04	10.42
2020-11-29 07:00:01	1	26.28	0.02	10.38
2020-11-29 08:00:01	1	26.17	0.02	10.31
2020-11-29 09:00:01	1	26.97	0.02	10.33
2020-11-29 10:00:01	1	27.09	0.03	10.22

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-11-29 11:00:01	1	27.18	0.07	10.17
2020-11-29 12:00:01	1	27.48	0.03	10.12
2020-11-29 13:00:01	1	28.23	0.03	10.13
2020-11-29 14:00:01	1	27.27	0.03	10.07
2020-11-29 15:00:01	1	27.62	0.02	10.05
2020-11-29 16:00:01	1	27.62	0.02	10.14
2020-11-29 17:00:01	1	27.55	0.01	10.15
2020-11-29 18:00:01	1	28.83	0.01	10.15
2020-11-29 19:00:01	1	29.37	0.01	10.23
2020-11-29 20:00:01	1	26.55	0.01	10.37
2020-11-29 21:00:01	1	54.08	0.01	17.30
2020-11-29 22:00:01	1	35.24	0.01	13.51
2020-11-29 23:00:01	1	20.90	0.01	10.53
2020-11-30 00:00:01	1	20.86	0.02	10.55
2020-11-30 01:00:01	1	20.76	0.01	10.47
2020-11-30 02:00:01	1	20.67	0.01	10.32
2020-11-30 03:00:01	1	21.03	0.00	10.20
2020-11-30 04:00:01	1	21.03	0.00	10.25
2020-11-30 05:00:01	1	20.89	0.00	10.30
2020-11-30 06:00:01	1	20.82	0.00	10.48
2020-11-30 07:00:01	1	21.17	0.00	10.41
2020-11-30 08:00:01	1	22.30	0.00	10.33
2020-11-30 09:00:01	0.169722222	0.00	0.00	0.00
2020-11-30 10:00:01	0	0.00	0.00	0.00
2020-11-30 11:00:01	0	0.00	0.00	0.00
2020-11-30 12:00:01	0	0.00	0.00	0.00
2020-11-30 13:00:01	0	0.00	0.00	0.00
2020-11-30 14:00:01	0	0.00	0.00	0.00
2020-11-30 15:00:01	0	0.00	0.00	0.00
2020-11-30 16:00:01	0	0.00	0.00	0.00
2020-11-30 17:00:01	0.725833333	20.74	0.00	9.72
2020-11-30 18:00:01	1	20.52	0.01	9.83
2020-11-30 19:00:01	1	20.27	0.00	9.92
2020-11-30 20:00:01	1	20.19	0.00	10.05
2020-11-30 21:00:01	1	52.65	0.00	17.05
2020-11-30 22:00:01	1	34.21	0.00	13.32
2020-11-30 23:00:01	1	20.15	0.01	10.38
2020-12-01 00:00:01	1	19.86	0.01	10.67
2020-12-01 01:00:01	1	19.82	0.01	9.96
2020-12-01 02:00:01	1	20.40	0.00	9.87
2020-12-01 03:00:01	1	22.30	0.00	9.75
2020-12-01 04:00:01	1	20.97	0.00	9.74
2020-12-01 05:00:01	1	22.39	0.00	9.83
2020-12-01 06:00:01	1	22.85	0.01	9.79
2020-12-01 07:00:01	1	22.44	0.00	9.75
2020-12-01 08:00:01	0.671666667	21.34	0.00	9.72

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-01 09:00:01	0	0.00	0.00	0.00
2020-12-01 10:00:01	0	0.00	0.00	0.00
2020-12-01 11:00:01	0	0.00	0.00	0.00
2020-12-01 12:00:01	0	0.00	0.00	0.00
2020-12-01 13:00:01	0	0.00	0.00	0.00
2020-12-01 14:00:01	0	0.00	0.00	0.00
2020-12-01 15:00:01	0	0.00	0.00	0.00
2020-12-01 16:00:01	0	0.00	0.00	0.00
2020-12-01 17:00:01	0	0.00	0.00	0.00
2020-12-01 18:00:01	0.887777778	21.03	0.07	9.75
2020-12-01 19:00:01	1	20.56	0.07	9.94
2020-12-01 20:00:01	1	20.90	0.06	9.94
2020-12-01 21:00:01	1	54.11	0.09	17.20
2020-12-01 22:00:01	1	34.04	0.07	13.38
2020-12-01 23:00:01	1	20.25	0.06	10.28
2020-12-02 00:00:01	1	20.40	0.06	10.01
2020-12-02 01:00:01	1	20.29	0.07	9.84
2020-12-02 02:00:01	1	20.58	0.06	10.26
2020-12-02 03:00:01	1	20.61	0.06	10.33
2020-12-02 04:00:01	1	21.04	0.05	10.28
2020-12-02 05:00:01	1	21.64	0.05	10.37
2020-12-02 06:00:01	1	20.39	0.05	10.32
2020-12-02 07:00:01	1	21.48	0.07	10.32
2020-12-02 08:00:01	1	22.21	0.08	10.29
2020-12-02 09:00:01	1	24.49	0.10	10.42
2020-12-02 10:00:01	1	20.20	0.07	10.25
2020-12-02 11:00:01	1	19.78	0.11	10.24
2020-12-02 12:00:01	1	19.75	0.08	10.13
2020-12-02 13:00:01	1	20.09	0.07	10.02
2020-12-02 14:00:01	0.923888889	20.18	0.07	9.75
2020-12-02 15:00:01	0	0.00	0.00	0.00
2020-12-02 16:00:01	0	0.00	0.00	0.00
2020-12-02 17:00:01	0	0.00	0.00	0.00
2020-12-02 18:00:01	0.995555556	20.47	0.08	10.02
2020-12-02 19:00:01	1	19.99	0.07	10.10
2020-12-02 20:00:01	1	20.88	0.07	10.30
2020-12-02 21:00:01	1	54.35	0.09	17.36
2020-12-02 22:00:01	1	32.93	0.06	13.25
2020-12-02 23:00:01	1	20.23	0.06	10.37
2020-12-03 00:00:01	1	20.39	0.06	10.35
2020-12-03 01:00:01	1	20.44	0.06	10.60
2020-12-03 02:00:01	1	20.32	0.06	10.40
2020-12-03 03:00:01	1	20.50	0.06	10.39
2020-12-03 04:00:01	1	20.31	0.06	10.38
2020-12-03 05:00:01	1	21.40	0.06	10.32
2020-12-03 06:00:01	1	20.61	0.06	10.35

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-03 07:00:01	1	20.81	0.07	10.24
2020-12-03 08:00:01	0.963055556	21.40	0.07	10.10
2020-12-03 09:00:01	0	0.00	0.00	0.00
2020-12-03 10:00:01	0	0.00	0.00	0.00
2020-12-03 11:00:01	0	0.00	0.00	0.00
2020-12-03 12:00:01	0	0.00	0.00	0.00
2020-12-03 13:00:01	0	0.00	0.00	0.00
2020-12-03 14:00:01	0	0.00	0.00	0.00
2020-12-03 15:00:01	0	0.00	0.00	0.00
2020-12-03 16:00:01	0	0.00	0.00	0.00
2020-12-03 17:00:01	0.235277778	0.00	0.00	0.00
2020-12-03 18:00:01	1	21.15	0.08	9.92
2020-12-03 19:00:01	1	20.59	0.07	10.09
2020-12-03 20:00:01	1	20.75	0.07	10.25
2020-12-03 21:00:01	1	53.24	0.09	17.74
2020-12-03 22:00:01	1	33.15	0.07	13.16
2020-12-03 23:00:01	1	20.56	0.06	10.35
2020-12-04 00:00:01	1	20.77	0.07	10.29
2020-12-04 01:00:01	1	21.04	0.07	10.39
2020-12-04 02:00:01	1	20.67	0.07	10.59
2020-12-04 03:00:01	1	20.53	0.06	10.63
2020-12-04 04:00:01	1	20.80	0.06	10.58
2020-12-04 05:00:01	1	20.42	0.06	10.63
2020-12-04 06:00:01	1	20.32	0.07	10.57
2020-12-04 07:00:01	1	20.59	0.07	10.44
2020-12-04 08:00:01	0.8625	21.20	0.07	10.42
2020-12-04 09:00:01	0	0.00	0.00	0.00
2020-12-04 10:00:01	0	0.00	0.00	0.00
2020-12-04 11:00:01	0	0.00	0.00	0.00
2020-12-04 12:00:01	0	0.00	0.00	0.00
2020-12-04 13:00:01	0	0.00	0.00	0.00
2020-12-04 14:00:01	0	0.00	0.00	0.00
2020-12-04 15:00:01	0	0.00	0.00	0.00
2020-12-04 16:00:01	0	0.00	0.00	0.00
2020-12-04 17:00:01	0.493055556	0.00	0.00	0.00
2020-12-04 18:00:01	1	21.01	0.08	10.14
2020-12-04 19:00:01	1	20.61	0.08	10.26
2020-12-04 20:00:01	1	20.99	0.07	10.41
2020-12-04 21:00:01	1	54.58	0.10	17.73
2020-12-04 22:00:01	1	32.52	0.07	13.14
2020-12-04 23:00:01	1	20.86	0.07	10.32
2020-12-05 00:00:01	1	20.61	0.07	10.35
2020-12-05 01:00:01	1	20.59	0.07	10.49
2020-12-05 02:00:01	1	20.54	0.07	10.52
2020-12-05 03:00:01	1	20.43	0.07	10.48
2020-12-05 04:00:01	1	22.77	0.07	10.35

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-05 05:00:01	1	21.16	0.07	10.46
2020-12-05 06:00:01	1	20.77	0.07	10.42
2020-12-05 07:00:01	1	20.96	0.07	10.38
2020-12-05 08:00:01	0.601944444	19.98	0.08	10.22
2020-12-05 09:00:01	0	0.00	0.00	0.00
2020-12-05 10:00:01	0	0.00	0.00	0.00
2020-12-05 11:00:01	0	0.00	0.00	0.00
2020-12-05 12:00:01	0	0.00	0.00	0.00
2020-12-05 13:00:01	0	0.00	0.00	0.00
2020-12-05 14:00:01	0	0.00	0.00	0.00
2020-12-05 15:00:01	0	0.00	0.00	0.00
2020-12-05 16:00:01	0	0.00	0.00	0.00
2020-12-05 17:00:01	0.351944444	0.00	0.00	0.00
2020-12-05 18:00:01	1	21.14	0.08	9.93
2020-12-05 19:00:01	1	21.00	0.08	10.03
2020-12-05 20:00:01	1	19.86	0.07	10.17
2020-12-05 21:00:01	1	55.08	0.10	17.83
2020-12-05 22:00:01	1	32.71	0.07	12.96
2020-12-05 23:00:01	1	21.73	0.07	10.32
2020-12-06 00:00:01	1	20.95	0.07	10.28
2020-12-06 01:00:01	1	20.54	0.07	10.12
2020-12-06 02:00:01	1	20.89	0.07	10.12
2020-12-06 03:00:01	1	21.13	0.07	10.13
2020-12-06 04:00:01	1	21.29	0.07	10.22
2020-12-06 05:00:01	1	21.16	0.07	10.24
2020-12-06 06:00:01	1	21.25	0.07	10.30
2020-12-06 07:00:01	1	20.89	0.07	10.32
2020-12-06 08:00:01	1	20.60	0.07	10.22
2020-12-06 09:00:01	0.463611111	0.00	0.00	0.00
2020-12-06 10:00:01	0	0.00	0.00	0.00
2020-12-06 11:00:01	0	0.00	0.00	0.00
2020-12-06 12:00:01	0	0.00	0.00	0.00
2020-12-06 13:00:01	0	0.00	0.00	0.00
2020-12-06 14:00:01	0	0.00	0.00	0.00
2020-12-06 15:00:01	0	0.00	0.00	0.00
2020-12-06 16:00:01	0.365277778	0.00	0.00	0.00
2020-12-06 17:00:01	1	21.31	0.08	9.92
2020-12-06 18:00:01	1	21.17	0.08	9.97
2020-12-06 19:00:01	1	21.02	0.08	10.14
2020-12-06 20:00:01	1	21.24	0.07	10.25
2020-12-06 21:00:01	1	54.64	0.10	17.88
2020-12-06 22:00:01	1	31.90	0.08	12.83
2020-12-06 23:00:01	1	20.67	0.07	10.23
2020-12-07 00:00:01	1	20.92	0.06	10.20
2020-12-07 01:00:01	1	20.86	0.07	10.20
2020-12-07 02:00:01	1	22.12	0.07	10.14

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-07 03:00:01	1	21.39	0.07	10.16
2020-12-07 04:00:01	1	21.18	0.07	10.22
2020-12-07 05:00:01	1	20.87	0.07	10.31
2020-12-07 06:00:01	1	20.91	0.07	10.24
2020-12-07 07:00:01	1	20.83	0.07	10.35
2020-12-07 08:00:01	1	20.32	0.07	10.27
2020-12-07 09:00:01	0.189166667	0.00	0.00	0.00
2020-12-07 10:00:01	0	0.00	0.00	0.00
2020-12-07 11:00:01	0	0.00	0.00	0.00
2020-12-07 12:00:01	0	0.00	0.00	0.00
2020-12-07 13:00:01	0.875833333	21.75	0.07	9.84
2020-12-07 14:00:01	1	21.76	0.07	9.61
2020-12-07 15:00:01	0.572777778	21.96	0.07	9.48
2020-12-07 16:00:01	0	0.00	0.00	0.00
2020-12-07 17:00:01	0.636944444	21.57	0.07	9.85
2020-12-07 18:00:01	1	21.20	0.07	9.93
2020-12-07 19:00:01	1	20.80	0.07	10.11
2020-12-07 20:00:01	1	20.21	0.07	10.18
2020-12-07 21:00:01	1	19.79	0.10	10.41
2020-12-07 22:00:01	1	0.00	-1.05	0.00
2020-12-07 23:00:01	1	0.00	-1.05	0.00
2020-12-08 00:00:01	1	0.00	-1.05	0.00
2020-12-08 01:00:01	1	0.00	-1.05	0.00
2020-12-08 02:00:01	1	0.00	-1.04	0.00
2020-12-08 03:00:01	1	-0.02	-1.05	0.00
2020-12-08 04:00:01	1	0.00	-1.04	0.00
2020-12-08 05:00:01	1	0.00	-1.04	0.00
2020-12-08 06:00:01	1	0.00	-1.05	0.00
2020-12-08 07:00:01	1	0.00	-1.05	0.00
2020-12-08 08:00:01	0.941111111	0.00	-1.05	0.00
2020-12-08 09:00:01	0	0.00	0.00	0.00
2020-12-08 10:00:01	0.319722222	0.00	0.00	0.00
2020-12-08 11:00:01	1	21.27	0.05	9.92
2020-12-08 12:00:01	1	21.23	0.04	9.90
2020-12-08 13:00:01	1	21.67	0.04	9.78
2020-12-08 14:00:01	1	21.55	0.04	9.65
2020-12-08 15:00:01	1	21.87	0.03	9.63
2020-12-08 16:00:01	1	21.83	0.05	9.77
2020-12-08 17:00:01	1	21.44	0.04	9.84
2020-12-08 18:00:01	1	21.08	0.03	9.93
2020-12-08 19:00:01	1	20.84	0.03	10.07
2020-12-08 20:00:01	1	20.71	0.04	10.23
2020-12-08 21:00:01	1	57.56	0.04	17.96
2020-12-08 22:00:01	1	31.27	0.03	12.61
2020-12-08 23:00:01	1	20.74	0.03	10.32
2020-12-09 00:00:01	1	20.82	0.02	10.29

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-09 01:00:01	1	20.40	0.03	10.39
2020-12-09 02:00:01	1	20.13	0.02	10.68
2020-12-09 03:00:01	1	20.24	0.01	10.74
2020-12-09 04:00:01	1	20.36	0.01	10.72
2020-12-09 05:00:01	1	20.87	0.01	10.68
2020-12-09 06:00:01	1	20.40	0.02	10.61
2020-12-09 07:00:01	1	20.58	0.03	10.58
2020-12-09 08:00:01	1	20.73	0.05	10.45
2020-12-09 09:00:01	0.240555556	0.00	0.00	0.00
2020-12-09 10:00:01	0	0.00	0.00	0.00
2020-12-09 11:00:01	0.69	21.14	0.04	9.98
2020-12-09 12:00:01	1	21.16	0.03	9.94
2020-12-09 13:00:01	1	21.03	0.03	9.95
2020-12-09 14:00:01	1	21.52	0.03	9.82
2020-12-09 15:00:01	1	21.30	0.03	9.77
2020-12-09 16:00:01	1	21.40	0.04	9.66
2020-12-09 17:00:01	1	21.46	0.04	9.66
2020-12-09 18:00:01	1	21.18	0.04	9.91
2020-12-09 19:00:01	1	20.71	0.03	10.04
2020-12-09 20:00:01	1	21.18	0.02	10.18
2020-12-09 21:00:01	1	57.37	0.04	18.10
2020-12-09 22:00:01	1	30.63	0.03	12.54
2020-12-09 23:00:01	1	20.60	0.03	10.35
2020-12-10 00:00:01	1	20.60	0.03	10.38
2020-12-10 01:00:01	1	20.37	0.02	10.35
2020-12-10 02:00:01	1	20.53	0.03	10.38
2020-12-10 03:00:01	1	20.79	0.03	10.40
2020-12-10 04:00:01	1	20.64	0.03	10.33
2020-12-10 05:00:01	1	21.23	0.02	10.41
2020-12-10 06:00:01	1	20.52	0.02	10.32
2020-12-10 07:00:01	1	20.78	0.03	10.32
2020-12-10 08:00:01	0.6675	21.53	0.04	10.12
2020-12-10 09:00:01	0	0.00	0.00	0.00
2020-12-10 10:00:01	0	0.00	0.00	0.00
2020-12-10 11:00:01	0	0.00	0.00	0.00
2020-12-10 12:00:01	0	0.00	0.00	0.00
2020-12-10 13:00:01	0	0.00	0.00	0.00
2020-12-10 14:00:01	0	0.00	0.00	0.00
2020-12-10 15:00:01	0.872777778	20.59	0.05	9.84
2020-12-10 16:00:01	1	18.88	0.03	9.90
2020-12-10 17:00:01	1	18.65	0.03	9.97
2020-12-10 18:00:01	1	19.05	0.04	10.10
2020-12-10 19:00:01	1	18.76	0.03	10.27
2020-12-10 20:00:01	1	17.06	0.03	10.50
2020-12-10 21:00:01	1	54.64	0.02	18.84
2020-12-10 22:00:01	1	28.36	0.02	12.96

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-10 23:00:01	1	18.75	0.02	10.80
2020-12-11 00:00:01	1	18.66	0.03	10.73
2020-12-11 01:00:01	1	18.20	0.03	11.08
2020-12-11 02:00:01	1	18.45	0.02	11.01
2020-12-11 03:00:01	1	18.37	0.02	10.93
2020-12-11 04:00:01	1	18.39	0.02	10.89
2020-12-11 05:00:01	1	18.47	0.02	10.87
2020-12-11 06:00:01	1	18.76	0.02	10.78
2020-12-11 07:00:01	1	18.13	0.02	10.77
2020-12-11 08:00:01	1	18.58	0.02	10.79
2020-12-11 09:00:01	1	22.14	0.02	10.75
2020-12-11 10:00:01	1	18.90	0.06	10.46
2020-12-11 11:00:01	1	19.03	0.02	10.29
2020-12-11 12:00:01	1	18.75	0.02	10.24
2020-12-11 13:00:01	1	18.59	0.03	10.18
2020-12-11 14:00:01	0.673888889	18.76	0.03	10.10
2020-12-11 15:00:01	0	0.00	0.00	0.00
2020-12-11 16:00:01	0	0.00	0.00	0.00
2020-12-11 17:00:01	0.519166667	18.67	0.04	10.14
2020-12-11 18:00:01	1	18.48	0.04	10.17
2020-12-11 19:00:01	1	18.49	0.03	10.17
2020-12-11 20:00:01	1	19.27	0.03	10.31
2020-12-11 21:00:01	1	56.28	0.05	18.37
2020-12-11 22:00:01	1	27.30	0.03	12.45
2020-12-11 23:00:01	1	18.22	0.03	10.45
2020-12-12 00:00:01	1	18.06	0.03	10.53
2020-12-12 01:00:01	1	18.18	0.03	10.43
2020-12-12 02:00:01	1	18.17	0.03	10.41
2020-12-12 03:00:01	1	18.46	0.03	10.43
2020-12-12 04:00:01	1	18.59	0.03	10.41
2020-12-12 05:00:01	1	18.25	0.03	10.48
2020-12-12 06:00:01	1	18.27	0.03	10.46
2020-12-12 07:00:01	1	19.35	0.03	10.45
2020-12-12 08:00:01	1	20.51	0.03	10.38
2020-12-12 09:00:01	0.953333333	21.67	0.04	10.41
2020-12-12 10:00:01	0	0.00	0.00	0.00
2020-12-12 11:00:01	0	0.00	0.00	0.00
2020-12-12 12:00:01	0	0.00	0.00	0.00
2020-12-12 13:00:01	0	0.00	0.00	0.00
2020-12-12 14:00:01	0	0.00	0.00	0.00
2020-12-12 15:00:01	0	0.00	0.00	0.00
2020-12-12 16:00:01	0	0.00	0.00	0.00
2020-12-12 17:00:01	0.468611111	0.00	0.00	0.00
2020-12-12 18:00:01	1	20.87	0.03	10.17
2020-12-12 19:00:01	1	20.60	0.02	10.25
2020-12-12 20:00:01	1	20.56	0.02	10.34

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-12 21:00:01	1	58.91	0.02	18.54
2020-12-12 22:00:01	1	29.85	0.01	12.48
2020-12-12 23:00:01	1	21.10	0.02	10.42
2020-12-13 00:00:01	1	20.55	0.01	10.44
2020-12-13 01:00:01	1	20.80	0.01	10.33
2020-12-13 02:00:01	1	20.96	0.01	10.31
2020-12-13 03:00:01	1	20.94	0.01	10.31
2020-12-13 04:00:01	1	21.28	0.01	10.34
2020-12-13 05:00:01	1	20.65	0.01	10.44
2020-12-13 06:00:01	1	20.96	0.00	10.62
2020-12-13 07:00:01	1	20.58	0.01	10.49
2020-12-13 08:00:01	1	20.19	0.02	10.43
2020-12-13 09:00:01	0.2525	0.00	0.00	0.00
2020-12-13 10:00:01	0	0.00	0.00	0.00
2020-12-13 11:00:01	0	0.00	0.00	0.00
2020-12-13 12:00:01	0	0.00	0.00	0.00
2020-12-13 13:00:01	0	0.00	0.00	0.00
2020-12-13 14:00:01	0.558333333	21.20	0.03	10.16
2020-12-13 15:00:01	0	0.00	0.00	0.00
2020-12-13 16:00:01	0	0.00	0.00	0.00
2020-12-13 17:00:01	0	0.00	0.00	0.00
2020-12-13 18:00:01	0.143055556	0.00	0.00	0.00
2020-12-13 19:00:01	1	20.81	0.02	10.42
2020-12-13 20:00:01	1	21.83	0.02	10.44
2020-12-13 21:00:01	1	61.32	0.02	18.87
2020-12-13 22:00:01	1	29.82	0.01	12.49
2020-12-13 23:00:01	1	20.83	0.01	10.57
2020-12-14 00:00:01	1	20.77	0.01	10.65
2020-12-14 01:00:01	1	20.71	0.01	10.64
2020-12-14 02:00:01	1	20.65	0.01	10.66
2020-12-14 03:00:01	1	20.82	0.01	10.68
2020-12-14 04:00:01	1	22.42	0.01	10.73
2020-12-14 05:00:01	1	20.75	0.00	10.75
2020-12-14 06:00:01	1	20.76	0.00	10.77
2020-12-14 07:00:01	1	20.92	0.00	10.71
2020-12-14 08:00:01	0.936388889	20.68	0.02	10.69
2020-12-14 09:00:01	0	0.00	0.00	0.00
2020-12-14 10:00:01	0	0.00	0.00	0.00
2020-12-14 11:00:01	0	0.00	0.00	0.00
2020-12-14 12:00:01	0	0.00	0.00	0.00
2020-12-14 13:00:01	0	0.00	0.00	0.00
2020-12-14 14:00:01	0	0.00	0.00	0.00
2020-12-14 15:00:01	0	0.00	0.00	0.00
2020-12-14 16:00:01	0	0.00	0.00	0.00
2020-12-14 17:00:01	0.489722222	0.00	0.00	0.00
2020-12-14 18:00:01	1	21.08	0.03	10.28

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-14 19:00:01	1	20.84	0.02	10.35
2020-12-14 20:00:01	1	20.84	0.02	10.48
2020-12-14 21:00:01	1	62.50	0.03	19.06
2020-12-14 22:00:01	1	28.87	0.02	12.33
2020-12-14 23:00:01	1	20.56	0.02	10.59
2020-12-15 00:00:01	1	20.41	0.02	10.57
2020-12-15 01:00:01	1	20.41	0.02	10.60
2020-12-15 02:00:01	1	20.43	0.02	10.58
2020-12-15 03:00:01	1	21.24	0.02	10.63
2020-12-15 04:00:01	1	20.58	0.01	10.74
2020-12-15 05:00:01	1	20.24	0.01	10.72
2020-12-15 06:00:01	1	20.45	0.01	10.69
2020-12-15 07:00:01	1	20.57	0.01	10.66
2020-12-15 08:00:01	0.900833333	21.25	0.03	10.52
2020-12-15 09:00:01	0	0.00	0.00	0.00
2020-12-15 10:00:01	0	0.00	0.00	0.00
2020-12-15 11:00:01	0	0.00	0.00	0.00
2020-12-15 12:00:01	0	0.00	0.00	0.00
2020-12-15 13:00:01	0	0.00	0.00	0.00
2020-12-15 14:00:01	0	0.00	0.00	0.00
2020-12-15 15:00:01	0	0.00	0.00	0.00
2020-12-15 16:00:01	0	0.00	0.00	0.00
2020-12-15 17:00:01	0.264166667	0.00	0.00	0.00
2020-12-15 18:00:01	1	20.86	0.03	10.30
2020-12-15 19:00:01	1	20.56	0.03	10.43
2020-12-15 20:00:01	1	21.13	0.01	10.52
2020-12-15 21:00:01	1	60.57	0.01	19.16
2020-12-15 22:00:01	1	28.77	0.01	12.38
2020-12-15 23:00:01	1	20.70	0.01	10.64
2020-12-16 00:00:01	1	20.67	0.01	10.66
2020-12-16 01:00:01	1	20.54	0.01	10.69
2020-12-16 02:00:01	1	20.80	0.01	10.61
2020-12-16 03:00:01	1	20.61	0.01	10.62
2020-12-16 04:00:01	1	20.55	0.01	10.62
2020-12-16 05:00:01	1	20.68	0.01	10.70
2020-12-16 06:00:01	1	20.46	0.01	10.67
2020-12-16 07:00:01	0.813888889	20.72	0.01	10.74
2020-12-16 08:00:01	0	0.00	0.00	0.00
2020-12-16 09:00:01	0	0.00	0.00	0.00
2020-12-16 10:00:01	0	0.00	0.00	0.00
2020-12-16 11:00:01	0	0.00	0.00	0.00
2020-12-16 12:00:01	0	0.00	0.00	0.00
2020-12-16 13:00:01	0	0.00	0.00	0.00
2020-12-16 14:00:01	0	0.00	0.00	0.00
2020-12-16 15:00:01	0	0.00	0.00	0.00
2020-12-16 16:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-16 17:00:01	0	0.00	0.00	0.00
2020-12-16 18:00:01	0.609444444	20.97	0.03	10.20
2020-12-16 19:00:01	1	20.74	0.04	10.27
2020-12-16 20:00:01	1	20.84	0.02	10.44
2020-12-16 21:00:01	1	61.93	0.03	19.25
2020-12-16 22:00:01	1	28.33	0.02	12.19
2020-12-16 23:00:01	1	20.58	0.02	10.55
2020-12-17 00:00:01	1	20.50	0.02	10.55
2020-12-17 01:00:01	1	20.38	0.02	10.61
2020-12-17 02:00:01	1	20.29	0.03	10.58
2020-12-17 03:00:01	1	20.80	0.02	10.58
2020-12-17 04:00:01	1	20.66	0.02	10.59
2020-12-17 05:00:01	1	20.21	0.01	10.65
2020-12-17 06:00:01	1	20.44	0.02	10.65
2020-12-17 07:00:01	1	20.42	0.03	10.62
2020-12-17 08:00:01	1	20.53	0.04	10.53
2020-12-17 09:00:01	1	62.21	0.04	51.07
2020-12-17 10:00:01	0.768888889	20.65	0.08	10.31
2020-12-17 11:00:01	0	0.00	0.00	0.00
2020-12-17 12:00:01	0	0.00	0.00	0.00
2020-12-17 13:00:01	0	0.00	0.00	0.00
2020-12-17 14:00:01	0	0.00	0.00	0.00
2020-12-17 15:00:01	0	0.00	0.00	0.00
2020-12-17 16:00:01	0	0.00	0.00	0.00
2020-12-17 17:00:01	0.2225	0.00	0.00	0.00
2020-12-17 18:00:01	1	21.21	0.04	10.10
2020-12-17 19:00:01	1	20.58	0.04	10.24
2020-12-17 20:00:01	1	20.60	0.03	10.36
2020-12-17 21:00:01	1	60.91	0.04	19.28
2020-12-17 22:00:01	1	19.25	0.02	11.99
2020-12-17 23:00:01	1	9.97	0.02	10.35
2020-12-18 00:00:01	1	11.16	0.03	10.45
2020-12-18 01:00:01	1	8.80	0.03	10.38
2020-12-18 02:00:01	1	9.11	0.03	10.43
2020-12-18 03:00:01	1	12.93	0.02	10.48
2020-12-18 04:00:01	1	14.57	0.03	10.48
2020-12-18 05:00:01	1	15.83	0.03	10.56
2020-12-18 06:00:01	1	14.09	0.02	10.48
2020-12-18 07:00:01	1	13.59	0.02	10.39
2020-12-18 08:00:01	0.9875	9.99	0.04	10.24
2020-12-18 09:00:01	0	0.00	0.00	0.00
2020-12-18 10:00:01	0	0.00	0.00	0.00
2020-12-18 11:00:01	0	0.00	0.00	0.00
2020-12-18 12:00:01	0	0.00	0.00	0.00
2020-12-18 13:00:01	0	0.00	0.00	0.00
2020-12-18 14:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-18 15:00:01	0	0.00	0.00	0.00
2020-12-18 16:00:01	0	0.00	0.00	0.00
2020-12-18 17:00:01	0	0.00	0.00	0.00
2020-12-18 18:00:01	0.220555556	0.00	0.00	0.00
2020-12-18 19:00:01	1	20.70	0.04	10.15
2020-12-18 20:00:01	1	21.23	0.03	10.19
2020-12-18 21:00:01	1	61.94	0.04	19.29
2020-12-18 22:00:01	1	27.41	0.03	11.79
2020-12-18 23:00:01	1	20.44	0.03	10.32
2020-12-19 00:00:01	1	20.50	0.03	10.28
2020-12-19 01:00:01	1	20.57	0.03	10.33
2020-12-19 02:00:01	1	20.63	0.03	10.45
2020-12-19 03:00:01	1	20.35	0.03	10.34
2020-12-19 04:00:01	1	20.83	0.03	10.36
2020-12-19 05:00:01	1	20.15	0.03	10.28
2020-12-19 06:00:01	1	20.51	0.02	10.28
2020-12-19 07:00:01	1	20.66	0.02	10.33
2020-12-19 08:00:01	0.713055556	20.87	0.03	10.11
2020-12-19 09:00:01	0	0.00	0.00	0.00
2020-12-19 10:00:01	0	0.00	0.00	0.00
2020-12-19 11:00:01	0	0.00	0.00	0.00
2020-12-19 12:00:01	0	0.00	0.00	0.00
2020-12-19 13:00:01	0	0.00	0.00	0.00
2020-12-19 14:00:01	0	0.00	0.00	0.00
2020-12-19 15:00:01	0	0.00	0.00	0.00
2020-12-19 16:00:01	0	0.00	0.00	0.00
2020-12-19 17:00:01	0	0.00	0.00	0.00
2020-12-19 18:00:01	0.683888889	20.89	0.04	10.10
2020-12-19 19:00:01	1	20.70	0.04	10.21
2020-12-19 20:00:01	1	21.21	0.04	10.23
2020-12-19 21:00:01	1	61.82	0.05	19.52
2020-12-19 22:00:01	1	27.10	0.04	11.71
2020-12-19 23:00:01	1	20.53	0.04	10.31
2020-12-20 00:00:01	1	20.42	0.04	10.31
2020-12-20 01:00:01	1	20.42	0.04	10.11
2020-12-20 02:00:01	1	20.69	0.04	10.05
2020-12-20 03:00:01	1	20.68	0.04	10.07
2020-12-20 04:00:01	1	21.71	0.03	10.10
2020-12-20 05:00:01	1	20.68	0.04	10.12
2020-12-20 06:00:01	1	20.79	0.04	10.19
2020-12-20 07:00:01	1	20.96	0.03	10.25
2020-12-20 08:00:01	1	20.55	0.03	10.38
2020-12-20 09:00:01	0.188611111	0.00	0.00	0.00
2020-12-20 10:00:01	0	0.00	0.00	0.00
2020-12-20 11:00:01	0	0.00	0.00	0.00
2020-12-20 12:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-20 13:00:01	0	0.00	0.00	0.00
2020-12-20 14:00:01	0	0.00	0.00	0.00
2020-12-20 15:00:01	0	0.00	0.00	0.00
2020-12-20 16:00:01	0	0.00	0.00	0.00
2020-12-20 17:00:01	0.490277778	0.00	0.00	0.00
2020-12-20 18:00:01	1	20.88	0.05	10.19
2020-12-20 19:00:01	1	20.45	0.04	10.31
2020-12-20 20:00:01	1	21.30	0.04	10.40
2020-12-20 21:00:01	1	64.30	0.05	19.94
2020-12-20 22:00:01	1	26.57	0.04	11.88
2020-12-20 23:00:01	1	20.27	0.04	10.56
2020-12-21 00:00:01	1	20.26	0.04	10.63
2020-12-21 01:00:01	1	20.18	0.04	10.62
2020-12-21 02:00:01	1	20.12	0.04	10.61
2020-12-21 03:00:01	1	20.13	0.04	10.57
2020-12-21 04:00:01	1	20.42	0.02	10.64
2020-12-21 05:00:01	1	20.24	0.02	10.70
2020-12-21 06:00:01	1	20.49	0.03	10.63
2020-12-21 07:00:01	1	20.66	0.03	10.56
2020-12-21 08:00:01	1	21.56	0.03	10.49
2020-12-21 09:00:01	1	22.22	0.04	10.44
2020-12-21 10:00:01	1	21.12	0.09	10.34
2020-12-21 11:00:01	1	21.51	0.05	10.29
2020-12-21 12:00:01	1	22.05	0.04	10.33
2020-12-21 13:00:01	1	22.49	0.04	10.35
2020-12-21 14:00:01	0.795	23.07	0.04	10.05
2020-12-21 15:00:01	0	0.00	0.00	0.00
2020-12-21 16:00:01	0.356388889	0.00	0.00	0.00
2020-12-21 17:00:01	1	26.27	0.05	10.35
2020-12-21 18:00:01	1	20.75	0.04	10.37
2020-12-21 19:00:01	1	20.41	0.04	10.47
2020-12-21 20:00:01	1	20.54	0.03	10.50
2020-12-21 21:00:01	1	63.77	0.04	20.01
2020-12-21 22:00:01	1	26.42	0.04	11.83
2020-12-21 23:00:01	1	20.35	0.04	10.84
2020-12-22 00:00:01	1	20.28	0.03	10.68
2020-12-22 01:00:01	1	20.45	0.03	10.64
2020-12-22 02:00:01	1	20.43	0.03	10.64
2020-12-22 03:00:01	1	21.46	0.03	10.65
2020-12-22 04:00:01	1	20.75	0.03	10.68
2020-12-22 05:00:01	1	20.81	0.03	10.72
2020-12-22 06:00:01	1	20.66	0.03	10.71
2020-12-22 07:00:01	1	20.83	0.03	10.63
2020-12-22 08:00:01	1	21.62	0.03	10.51
2020-12-22 09:00:01	0.012222222	0.00	0.00	0.00
2020-12-22 10:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-22 11:00:01	0	0.00	0.00	0.00
2020-12-22 12:00:01	0	0.00	0.00	0.00
2020-12-22 13:00:01	0	0.00	0.00	0.00
2020-12-22 14:00:01	0	0.00	0.00	0.00
2020-12-22 15:00:01	0	0.00	0.00	0.00
2020-12-22 16:00:01	0	0.00	0.00	0.00
2020-12-22 17:00:01	0	0.00	0.00	0.00
2020-12-22 18:00:01	0.756944444	21.58	0.04	11.08
2020-12-22 19:00:01	1	14.58	0.13	12.23
2020-12-22 20:00:01	1	19.42	0.03	11.16
2020-12-22 21:00:01	1	66.14	0.03	20.33
2020-12-22 22:00:01	1	25.73	0.03	11.89
2020-12-22 23:00:01	1	20.29	0.03	10.83
2020-12-23 00:00:01	1	20.13	0.03	10.77
2020-12-23 01:00:01	1	20.03	0.03	10.80
2020-12-23 02:00:01	1	21.75	0.03	10.81
2020-12-23 03:00:01	1	20.22	0.02	10.83
2020-12-23 04:00:01	1	19.97	0.02	10.78
2020-12-23 05:00:01	1	20.12	0.02	10.77
2020-12-23 06:00:01	1	19.96	0.01	10.77
2020-12-23 07:00:01	1	20.50	0.02	10.71
2020-12-23 08:00:01	1	20.63	0.02	10.54
2020-12-23 09:00:01	0.141944444	0.00	0.00	0.00
2020-12-23 10:00:01	0	0.00	0.00	0.00
2020-12-23 11:00:01	0	0.00	0.00	0.00
2020-12-23 12:00:01	0	0.00	0.00	0.00
2020-12-23 13:00:01	0	0.00	0.00	0.00
2020-12-23 14:00:01	0	0.00	0.00	0.00
2020-12-23 15:00:01	0	0.00	0.00	0.00
2020-12-23 16:00:01	0	0.00	0.00	0.00
2020-12-23 17:00:01	0	0.00	0.00	0.00
2020-12-23 18:00:01	0.884444444	20.40	0.02	10.01
2020-12-23 19:00:01	1	20.31	0.03	10.17
2020-12-23 20:00:01	1	22.53	0.03	10.35
2020-12-23 21:00:01	1	65.68	0.04	20.39
2020-12-23 22:00:01	1	25.16	0.03	11.94
2020-12-23 23:00:01	1	19.86	0.03	10.64
2020-12-24 00:00:01	1	19.94	0.02	10.71
2020-12-24 01:00:01	1	19.96	0.03	10.70
2020-12-24 02:00:01	1	20.99	0.02	10.72
2020-12-24 03:00:01	1	20.00	0.02	10.81
2020-12-24 04:00:01	1	20.08	0.02	10.81
2020-12-24 05:00:01	1	19.74	0.02	10.89
2020-12-24 06:00:01	1	19.76	0.02	10.83
2020-12-24 07:00:01	1	19.83	0.03	10.80
2020-12-24 08:00:01	0.949444444	20.31	0.04	10.66

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-24 09:00:01	0	0.00	0.00	0.00
2020-12-24 10:00:01	0	0.00	0.00	0.00
2020-12-24 11:00:01	0	0.00	0.00	0.00
2020-12-24 12:00:01	0	0.00	0.00	0.00
2020-12-24 13:00:01	0	0.00	0.00	0.00
2020-12-24 14:00:01	0	0.00	0.00	0.00
2020-12-24 15:00:01	0	0.00	0.00	0.00
2020-12-24 16:00:01	0	0.00	0.00	0.00
2020-12-24 17:00:01	0	0.00	0.00	0.00
2020-12-24 18:00:01	0	0.00	0.00	0.00
2020-12-24 19:00:01	0.494722222	0.00	0.00	0.00
2020-12-24 20:00:01	1	21.16	0.04	10.68
2020-12-24 21:00:01	1	65.15	0.05	20.33
2020-12-24 22:00:01	1	24.93	0.04	11.88
2020-12-24 23:00:01	1	20.06	0.04	10.79
2020-12-25 00:00:01	1	20.10	0.04	10.81
2020-12-25 01:00:01	1	19.83	0.04	10.81
2020-12-25 02:00:01	1	19.77	0.03	10.78
2020-12-25 03:00:01	1	20.48	0.04	10.77
2020-12-25 04:00:01	1	20.13	0.03	10.77
2020-12-25 05:00:01	1	20.44	0.02	10.90
2020-12-25 06:00:01	1	19.92	0.03	10.86
2020-12-25 07:00:01	1	19.97	0.03	10.77
2020-12-25 08:00:01	0.956944444	19.99	0.04	10.59
2020-12-25 09:00:01	0	0.00	0.00	0.00
2020-12-25 10:00:01	0	0.00	0.00	0.00
2020-12-25 11:00:01	0	0.00	0.00	0.00
2020-12-25 12:00:01	0	0.00	0.00	0.00
2020-12-25 13:00:01	0	0.00	0.00	0.00
2020-12-25 14:00:01	0	0.00	0.00	0.00
2020-12-25 15:00:01	0	0.00	0.00	0.00
2020-12-25 16:00:01	0	0.00	0.00	0.00
2020-12-25 17:00:01	0	0.00	0.00	0.00
2020-12-25 18:00:01	0.995555556	20.89	0.03	10.52
2020-12-25 19:00:01	1	20.06	0.04	10.61
2020-12-25 20:00:01	1	20.98	0.04	10.56
2020-12-25 21:00:01	1	66.02	0.05	20.48
2020-12-25 22:00:01	1	24.26	0.03	11.65
2020-12-25 23:00:01	1	20.08	0.03	10.66
2020-12-26 00:00:01	1	19.92	0.03	10.82
2020-12-26 01:00:01	1	19.83	0.03	10.70
2020-12-26 02:00:01	1	20.34	0.03	10.63
2020-12-26 03:00:01	1	20.27	0.03	10.69
2020-12-26 04:00:01	1	19.90	0.03	10.95
2020-12-26 05:00:01	1	19.70	0.04	10.69
2020-12-26 06:00:01	1	19.61	0.03	10.61

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-26 07:00:01	1	20.17	0.04	10.63
2020-12-26 08:00:01	1	21.28	0.04	10.77
2020-12-26 09:00:01	1	22.13	0.05	10.75
2020-12-26 10:00:01	0.429722222	0.00	0.00	0.00
2020-12-26 11:00:01	0	0.00	0.00	0.00
2020-12-26 12:00:01	0	0.00	0.00	0.00
2020-12-26 13:00:01	0	0.00	0.00	0.00
2020-12-26 14:00:01	0.82	20.89	0.03	10.15
2020-12-26 15:00:01	1	20.80	0.03	10.12
2020-12-26 16:00:01	1	20.89	0.03	10.15
2020-12-26 17:00:01	1	20.89	0.04	10.20
2020-12-26 18:00:01	1	20.52	0.04	10.35
2020-12-26 19:00:01	1	20.20	0.04	10.44
2020-12-26 20:00:01	1	19.81	0.03	10.56
2020-12-26 21:00:01	1	65.61	0.04	20.53
2020-12-26 22:00:01	1	24.02	0.03	11.53
2020-12-26 23:00:01	1	20.03	0.03	10.79
2020-12-27 00:00:01	1	19.94	0.02	10.84
2020-12-27 01:00:01	1	20.23	0.03	10.72
2020-12-27 02:00:01	1	20.05	0.03	10.73
2020-12-27 03:00:01	1	20.01	0.02	10.63
2020-12-27 04:00:01	1	21.29	0.02	10.66
2020-12-27 05:00:01	1	20.12	0.02	10.73
2020-12-27 06:00:01	1	20.15	0.02	10.67
2020-12-27 07:00:01	1	20.34	0.03	10.65
2020-12-27 08:00:01	1	20.39	0.04	10.58
2020-12-27 09:00:01	1	20.36	0.04	10.64
2020-12-27 10:00:01	1	20.59	0.07	10.48
2020-12-27 11:00:01	1	20.65	0.02	10.41
2020-12-27 12:00:01	1	20.58	0.02	10.29
2020-12-27 13:00:01	1	20.95	0.02	10.24
2020-12-27 14:00:01	1	20.93	0.03	10.16
2020-12-27 15:00:01	1	20.95	0.03	10.23
2020-12-27 16:00:01	1	20.82	0.04	10.29
2020-12-27 17:00:01	1	20.64	0.04	10.44
2020-12-27 18:00:01	1	20.40	0.04	10.48
2020-12-27 19:00:01	1	20.16	0.04	10.57
2020-12-27 20:00:01	1	20.02	0.03	10.66
2020-12-27 21:00:01	1	65.68	0.04	20.97
2020-12-27 22:00:01	1	23.67	0.03	11.49
2020-12-27 23:00:01	1	20.12	0.03	10.73
2020-12-28 00:00:01	1	20.14	0.03	10.73
2020-12-28 01:00:01	1	19.91	0.02	10.80
2020-12-28 02:00:01	1	19.95	0.02	10.65
2020-12-28 03:00:01	1	20.18	0.03	10.67
2020-12-28 04:00:01	1	20.92	0.03	10.69

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-28 05:00:01	1	20.21	0.03	10.66
2020-12-28 06:00:01	1	20.24	0.03	10.63
2020-12-28 07:00:01	1	20.32	0.03	10.61
2020-12-28 08:00:01	1	20.50	0.04	10.50
2020-12-28 09:00:01	1	20.65	0.04	10.39
2020-12-28 10:00:01	1	20.77	0.08	10.27
2020-12-28 11:00:01	1	20.99	0.03	10.20
2020-12-28 12:00:01	1	20.77	0.03	10.27
2020-12-28 13:00:01	1	21.70	0.03	10.06
2020-12-28 14:00:01	1	21.02	0.03	10.03
2020-12-28 15:00:01	1	21.26	0.04	10.06
2020-12-28 16:00:01	1	21.07	0.04	10.18
2020-12-28 17:00:01	1	20.86	0.04	10.26
2020-12-28 18:00:01	1	20.62	0.04	10.36
2020-12-28 19:00:01	1	20.33	0.03	10.51
2020-12-28 20:00:01	1	20.42	0.02	10.59
2020-12-28 21:00:01	1	67.55	0.04	21.09
2020-12-28 22:00:01	1	23.29	0.02	11.40
2020-12-28 23:00:01	1	20.20	0.02	10.80
2020-12-29 00:00:01	1	20.23	0.02	10.70
2020-12-29 01:00:01	1	20.34	0.02	10.69
2020-12-29 02:00:01	1	20.36	0.02	10.92
2020-12-29 03:00:01	1	20.99	0.02	10.70
2020-12-29 04:00:01	1	20.44	0.03	10.84
2020-12-29 05:00:01	1	20.46	0.02	10.84
2020-12-29 06:00:01	1	20.56	0.03	10.78
2020-12-29 07:00:01	1	20.61	0.03	10.78
2020-12-29 08:00:01	1	20.88	0.03	10.62
2020-12-29 09:00:01	1	20.58	0.03	10.60
2020-12-29 10:00:01	0.299722222	0.00	0.00	0.00
2020-12-29 11:00:01	0.651666667	20.88	0.02	10.29
2020-12-29 12:00:01	1	20.90	0.02	10.22
2020-12-29 13:00:01	1	22.19	0.03	10.17
2020-12-29 14:00:01	1	21.11	0.03	10.17
2020-12-29 15:00:01	1	20.97	0.03	10.17
2020-12-29 16:00:01	1	21.02	0.03	10.14
2020-12-29 17:00:01	1	20.96	0.03	10.19
2020-12-29 18:00:01	1	20.67	0.04	10.22
2020-12-29 19:00:01	1	20.54	0.03	10.33
2020-12-29 20:00:01	1	20.78	0.03	10.41
2020-12-29 21:00:01	1	68.46	0.05	21.21
2020-12-29 22:00:01	1	23.18	0.04	11.38
2020-12-29 23:00:01	1	20.23	0.03	10.74
2020-12-30 00:00:01	1	20.03	0.04	10.72
2020-12-30 01:00:01	1	20.29	0.04	10.81
2020-12-30 02:00:01	1	20.19	0.04	10.73

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2020-12-30 03:00:01	1	20.62	0.03	10.68
2020-12-30 04:00:01	1	20.56	0.03	10.76
2020-12-30 05:00:01	1	20.27	0.03	10.75
2020-12-30 06:00:01	1	20.29	0.03	10.76
2020-12-30 07:00:01	1	20.36	0.03	10.67
2020-12-30 08:00:01	1	20.83	0.04	10.60
2020-12-30 09:00:01	1	20.65	0.05	10.51
2020-12-30 10:00:01	0.8544444444	20.69	0.08	10.30
2020-12-30 11:00:01	0	0.00	0.00	0.00
2020-12-30 12:00:01	0	0.00	0.00	0.00
2020-12-30 13:00:01	0	0.00	0.00	0.00
2020-12-30 14:00:01	0.865	20.96	0.03	10.25
2020-12-30 15:00:01	1	20.21	0.04	10.45
2020-12-30 16:00:01	1	20.02	0.04	10.53
2020-12-30 17:00:01	1	20.41	0.04	10.54
2020-12-30 18:00:01	1	20.24	0.04	10.51
2020-12-30 19:00:01	1	19.87	0.05	10.60
2020-12-30 20:00:01	1	19.82	0.04	10.64
2020-12-30 21:00:01	1	67.90	0.05	21.31
2020-12-30 22:00:01	1	22.55	0.04	11.41
2020-12-30 23:00:01	1	19.83	0.04	11.10
2020-12-31 00:00:01	1	19.77	0.04	10.75
2020-12-31 01:00:01	1	19.62	0.04	10.80
2020-12-31 02:00:01	1	19.93	0.04	10.99
2020-12-31 03:00:01	1	22.75	0.04	10.93
2020-12-31 04:00:01	1	24.30	0.04	10.76
2020-12-31 05:00:01	1	23.05	0.04	10.69
2020-12-31 06:00:01	1	23.28	0.03	10.71
2020-12-31 07:00:01	1	22.80	0.04	10.61
2020-12-31 08:00:01	1	20.02	0.04	10.60
2020-12-31 09:00:01	1	23.26	0.04	10.42
2020-12-31 10:00:01	1	20.78	0.08	10.43
2020-12-31 11:00:01	1	19.71	0.04	10.67
2020-12-31 12:00:01	1	19.79	0.04	10.56
2020-12-31 13:00:01	1	20.58	0.03	10.40
2020-12-31 14:00:01	1	20.56	0.03	10.24
2020-12-31 15:00:01	1	20.43	0.03	10.23
2020-12-31 16:00:01	1	20.46	0.03	10.30
2020-12-31 17:00:01	1	20.22	0.04	10.37
2020-12-31 18:00:01	1	20.28	0.04	10.33
2020-12-31 19:00:01	1	19.88	0.04	10.51
2020-12-31 20:00:01	1	21.38	0.04	10.60
2020-12-31 21:00:01	1	68.79	0.04	21.34
2020-12-31 22:00:01	1	21.98	0.03	11.42
2020-12-31 23:00:01	1	19.99	0.03	11.06
2021-01-01 00:00:01	1	20.04	0.03	10.75

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-01 01:00:01	1	19.93	0.03	10.80
2021-01-01 02:00:01	1	20.08	0.03	10.68
2021-01-01 03:00:01	1	21.16	0.03	10.85
2021-01-01 04:00:01	1	20.17	0.03	10.82
2021-01-01 05:00:01	1	21.36	0.03	10.72
2021-01-01 06:00:01	1	20.20	0.03	10.95
2021-01-01 07:00:01	1	20.19	0.03	10.82
2021-01-01 08:00:01	1	20.12	0.03	10.64
2021-01-01 09:00:01	1	19.82	0.04	10.60
2021-01-01 10:00:01	1	20.52	0.07	10.35
2021-01-01 11:00:01	1	20.67	0.03	10.33
2021-01-01 12:00:01	1	20.74	0.03	10.31
2021-01-01 13:00:01	1	20.80	0.03	10.27
2021-01-01 14:00:01	1	23.34	0.03	10.33
2021-01-01 15:00:01	1	20.51	0.03	10.16
2021-01-01 16:00:01	1	20.38	0.03	10.11
2021-01-01 17:00:01	1	20.60	0.04	10.15
2021-01-01 18:00:01	1	20.21	0.04	10.32
2021-01-01 19:00:01	1	20.01	0.04	10.37
2021-01-01 20:00:01	1	19.67	0.03	10.47
2021-01-01 21:00:01	1	70.83	0.04	21.28
2021-01-01 22:00:01	1	21.89	0.03	11.13
2021-01-01 23:00:01	1	19.83	0.03	10.74
2021-01-02 00:00:01	1	19.96	0.04	10.74
2021-01-02 01:00:01	1	19.83	0.04	10.85
2021-01-02 02:00:01	1	19.86	0.04	10.84
2021-01-02 03:00:01	1	19.91	0.04	10.74
2021-01-02 04:00:01	1	19.86	0.04	10.73
2021-01-02 05:00:01	1	20.08	0.04	10.79
2021-01-02 06:00:01	1	19.71	0.03	10.71
2021-01-02 07:00:01	1	19.76	0.03	10.73
2021-01-02 08:00:01	1	20.68	0.04	10.71
2021-01-02 09:00:01	1	20.31	0.04	10.66
2021-01-02 10:00:01	1	20.12	0.08	10.61
2021-01-02 11:00:01	1	20.09	0.03	10.53
2021-01-02 12:00:01	1	19.98	0.04	10.44
2021-01-02 13:00:01	1	20.16	0.03	10.24
2021-01-02 14:00:01	1	21.19	0.03	10.22
2021-01-02 15:00:01	1	20.66	0.03	10.06
2021-01-02 16:00:01	1	20.45	0.03	10.13
2021-01-02 17:00:01	1	20.43	0.04	10.14
2021-01-02 18:00:01	1	20.01	0.04	10.21
2021-01-02 19:00:01	1	19.67	0.04	10.35
2021-01-02 20:00:01	1	17.41	0.03	10.43
2021-01-02 21:00:01	1	70.87	0.05	21.29
2021-01-02 22:00:01	1	21.13	0.03	10.98

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-02 23:00:01	1	19.95	0.04	10.71
2021-01-03 00:00:01	1	19.71	0.04	10.69
2021-01-03 01:00:01	1	19.66	0.03	10.67
2021-01-03 02:00:01	1	19.70	0.04	10.55
2021-01-03 03:00:01	1	20.16	0.04	10.58
2021-01-03 04:00:01	1	19.69	0.04	10.55
2021-01-03 05:00:01	1	19.82	0.04	10.62
2021-01-03 06:00:01	1	19.43	0.04	10.58
2021-01-03 07:00:01	1	19.58	0.04	10.51
2021-01-03 08:00:01	1	17.53	0.03	10.38
2021-01-03 09:00:01	1	16.91	0.03	10.32
2021-01-03 10:00:01	1	20.40	0.07	10.36
2021-01-03 11:00:01	1	20.51	0.02	10.06
2021-01-03 12:00:01	1	21.05	0.02	9.85
2021-01-03 13:00:01	1	20.83	0.03	10.00
2021-01-03 14:00:01	1	20.94	0.03	9.97
2021-01-03 15:00:01	1	20.51	0.03	9.89
2021-01-03 16:00:01	1	19.84	0.03	9.81
2021-01-03 17:00:01	1	19.96	0.04	9.77
2021-01-03 18:00:01	1	19.41	0.04	9.72
2021-01-03 19:00:01	1	19.01	0.03	9.70
2021-01-03 20:00:01	1	19.08	0.03	9.69
2021-01-03 21:00:01	1	67.98	0.05	20.47
2021-01-03 22:00:01	1	20.73	0.03	10.67
2021-01-03 23:00:01	1	19.14	0.04	10.01
2021-01-04 00:00:01	1	17.07	0.03	8.60
2021-01-04 01:00:01	1	12.56	0.04	5.53
2021-01-04 02:00:01	1	9.31	0.04	3.15
2021-01-04 03:00:01	1	5.59	0.03	0.67
2021-01-04 04:00:01	1	3.52	0.03	0.00
2021-01-04 05:00:01	1	1.53	0.02	0.00
2021-01-04 06:00:01	1	1.35	0.02	0.00
2021-01-04 07:00:01	1	0.21	0.02	0.00
2021-01-04 08:00:01	1	0.44	0.03	0.00
2021-01-04 09:00:01	1	5.06	0.03	1.69
2021-01-04 10:00:01	1	20.26	0.07	10.30
2021-01-04 11:00:01	1	20.55	0.03	10.25
2021-01-04 12:00:01	1	20.56	0.04	10.22
2021-01-04 13:00:01	1	20.18	0.04	9.84
2021-01-04 14:00:01	1	20.46	0.05	10.10
2021-01-04 15:00:01	1	20.50	0.05	10.16
2021-01-04 16:00:01	1	20.10	0.04	9.95
2021-01-04 17:00:01	1	19.98	0.04	9.82
2021-01-04 18:00:01	1	19.41	0.04	9.60
2021-01-04 19:00:01	1	18.99	0.04	9.43
2021-01-04 20:00:01	1	19.92	0.03	9.34

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-04 21:00:01	1	69.94	0.05	20.25
2021-01-04 22:00:01	1	20.58	0.03	10.77
2021-01-04 23:00:01	1	19.96	0.03	10.62
2021-01-05 00:00:01	1	19.85	0.03	10.51
2021-01-05 01:00:01	1	19.71	0.03	10.47
2021-01-05 02:00:01	1	19.49	0.02	10.37
2021-01-05 03:00:01	1	21.35	0.02	10.30
2021-01-05 04:00:01	1	20.04	0.02	10.51
2021-01-05 05:00:01	1	19.49	0.02	10.41
2021-01-05 06:00:01	1	19.47	0.02	10.49
2021-01-05 07:00:01	1	19.98	0.02	10.70
2021-01-05 08:00:01	1	20.00	0.02	10.58
2021-01-05 09:00:01	1	20.20	0.08	10.42
2021-01-05 10:00:01	1	20.59	0.07	10.71
2021-01-05 11:00:01	1	20.66	0.05	10.42
2021-01-05 12:00:01	1	21.31	0.15	10.45
2021-01-05 13:00:01	1	22.99	0.05	10.51
2021-01-05 14:00:01	1	23.07	0.04	10.87
2021-01-05 15:00:01	1	22.79	0.04	11.35
2021-01-05 16:00:01	1	23.22	0.04	11.42
2021-01-05 17:00:01	1	22.76	0.05	11.66
2021-01-05 18:00:01	1	22.35	0.06	11.37
2021-01-05 19:00:01	1	22.49	0.06	11.36
2021-01-05 20:00:01	1	22.71	0.07	11.51
2021-01-05 21:00:01	1	69.98	0.04	22.60
2021-01-05 22:00:01	1	19.54	0.02	11.78
2021-01-05 23:00:01	1	19.80	0.02	11.69
2021-01-06 00:00:01	1	19.85	0.02	11.54
2021-01-06 01:00:01	1	19.71	0.02	11.23
2021-01-06 02:00:01	1	19.49	0.02	11.23
2021-01-06 03:00:01	1	20.12	0.02	11.29
2021-01-06 04:00:01	1	20.26	0.03	11.84
2021-01-06 05:00:01	1	19.79	0.03	11.64
2021-01-06 06:00:01	1	20.35	0.02	11.87
2021-01-06 07:00:01	1	20.19	0.02	11.90
2021-01-06 08:00:01	1	21.20	0.02	11.74
2021-01-06 09:00:01	1	23.70	0.04	11.53
2021-01-06 10:00:01	1	20.52	0.03	11.30
2021-01-06 11:00:01	1	0.00	0.00	0.00
2021-01-06 12:00:01	1	0.00	0.00	0.00
2021-01-06 13:00:01	1	0.00	0.00	0.00
2021-01-06 14:00:01	1	0.00	0.00	0.00
2021-01-06 15:00:01	1	0.00	0.00	0.00
2021-01-06 16:00:01	1	0.00	0.00	0.00
2021-01-06 17:00:01	1	25.10	0.25	14.30
2021-01-06 18:00:01	1	23.20	0.23	14.04

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-06 19:00:01	1	21.33	0.12	12.94
2021-01-06 20:00:01	1	20.80	0.08	11.47
2021-01-06 21:00:01	1	78.64	0.08	23.26
2021-01-06 22:00:01	1	18.68	0.05	10.03
2021-01-06 23:00:01	1	18.88	0.05	9.86
2021-01-07 00:00:01	1	18.70	0.05	9.78
2021-01-07 01:00:01	1	19.59	0.05	9.67
2021-01-07 02:00:01	1	19.67	0.04	9.59
2021-01-07 03:00:01	1	20.61	0.03	9.44
2021-01-07 04:00:01	1	19.86	0.03	9.49
2021-01-07 05:00:01	1	19.78	0.03	9.59
2021-01-07 06:00:01	1	19.89	0.03	9.53
2021-01-07 07:00:01	1	19.79	0.03	9.51
2021-01-07 08:00:01	1	19.75	0.03	9.42
2021-01-07 09:00:01	1	20.17	0.04	9.34
2021-01-07 10:00:01	1	20.59	0.06	9.52
2021-01-07 11:00:01	1	20.18	0.05	9.49
2021-01-07 12:00:01	1	19.99	0.04	9.45
2021-01-07 13:00:01	1	20.04	0.04	9.49
2021-01-07 14:00:01	1	19.92	0.04	9.44
2021-01-07 15:00:01	1	19.86	0.09	9.36
2021-01-07 16:00:01	1	19.71	0.04	9.30
2021-01-07 17:00:01	1	19.62	0.04	9.28
2021-01-07 18:00:01	1	19.57	0.04	9.33
2021-01-07 19:00:01	1	19.28	0.04	9.50
2021-01-07 20:00:01	1	19.65	0.05	9.76
2021-01-07 21:00:01	1	74.70	0.07	20.98
2021-01-07 22:00:01	1	20.03	0.05	10.16
2021-01-07 23:00:01	1	19.34	0.04	10.07
2021-01-08 00:00:01	1	19.13	0.05	10.08
2021-01-08 01:00:01	1	19.22	0.05	10.07
2021-01-08 02:00:01	1	19.15	0.05	10.11
2021-01-08 03:00:01	1	19.50	0.05	10.08
2021-01-08 04:00:01	1	19.16	0.05	10.18
2021-01-08 05:00:01	1	19.91	0.05	10.14
2021-01-08 06:00:01	1	19.23	0.05	10.26
2021-01-08 07:00:01	1	19.23	0.05	10.18
2021-01-08 08:00:01	1	18.80	0.05	10.15
2021-01-08 09:00:01	1	18.82	0.07	10.17
2021-01-08 10:00:01	1	19.53	0.06	9.96
2021-01-08 11:00:01	1	19.63	0.05	9.82
2021-01-08 12:00:01	1	19.84	0.05	9.78
2021-01-08 13:00:01	1	20.21	0.05	9.62
2021-01-08 14:00:01	1	19.98	0.05	9.52
2021-01-08 15:00:01	1	20.24	0.09	9.68
2021-01-08 16:00:01	1	19.92	0.05	9.88

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-08 17:00:01	1	20.15	0.04	9.83
2021-01-08 18:00:01	1	20.27	0.05	9.83
2021-01-08 19:00:01	1	19.54	0.05	9.94
2021-01-08 20:00:01	1	18.63	0.05	10.08
2021-01-08 21:00:01	1	69.09	0.07	21.49
2021-01-08 22:00:01	1	19.69	0.05	10.15
2021-01-08 23:00:01	1	19.63	0.05	10.28
2021-01-09 00:00:01	1	19.40	0.05	10.12
2021-01-09 01:00:01	1	19.25	0.04	10.07
2021-01-09 02:00:01	1	18.96	0.04	10.03
2021-01-09 03:00:01	1	19.49	0.04	9.98
2021-01-09 04:00:01	1	19.48	0.04	9.99
2021-01-09 05:00:01	1	20.00	0.04	10.05
2021-01-09 06:00:01	1	19.45	0.04	9.99
2021-01-09 07:00:01	1	19.46	0.04	10.03
2021-01-09 08:00:01	1	19.84	0.04	9.97
2021-01-09 09:00:01	1	20.23	0.05	9.98
2021-01-09 10:00:01	1	19.96	0.05	9.72
2021-01-09 11:00:01	1	20.13	0.04	9.74
2021-01-09 12:00:01	1	21.14	0.04	9.81
2021-01-09 13:00:01	1	19.98	0.04	9.88
2021-01-09 14:00:01	1	21.19	0.04	9.87
2021-01-09 15:00:01	1	20.96	0.09	10.15
2021-01-09 16:00:01	1	19.97	0.05	10.65
2021-01-09 17:00:01	1	20.63	0.05	10.88
2021-01-09 18:00:01	1	19.68	0.07	10.76
2021-01-09 19:00:01	1	20.64	0.05	10.43
2021-01-09 20:00:01	1	17.00	0.05	10.29
2021-01-09 21:00:01	1	67.69	0.07	21.84
2021-01-09 22:00:01	1	19.88	0.05	10.03
2021-01-09 23:00:01	1	19.23	0.05	10.11
2021-01-10 00:00:01	1	20.05	0.05	10.09
2021-01-10 01:00:01	1	19.24	0.05	10.12
2021-01-10 02:00:01	1	19.22	0.05	10.03
2021-01-10 03:00:01	1	19.63	0.05	9.96
2021-01-10 04:00:01	1	19.13	0.05	9.99
2021-01-10 05:00:01	1	19.57	0.05	10.27
2021-01-10 06:00:01	1	19.30	0.04	10.35
2021-01-10 07:00:01	1	19.61	0.05	10.44
2021-01-10 08:00:01	1	18.61	0.04	10.12
2021-01-10 09:00:01	1	19.14	0.06	10.04
2021-01-10 10:00:01	1	20.49	0.13	9.76
2021-01-10 11:00:01	1	20.34	0.06	9.83
2021-01-10 12:00:01	1	20.88	0.05	9.88
2021-01-10 13:00:01	1	20.86	0.05	10.17
2021-01-10 14:00:01	1	20.19	0.05	10.25

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-10 15:00:01	1	21.30	0.09	10.42
2021-01-10 16:00:01	1	19.92	0.07	10.65
2021-01-10 17:00:01	1	20.55	0.06	10.69
2021-01-10 18:00:01	1	20.12	0.05	10.51
2021-01-10 19:00:01	1	20.14	0.04	10.33
2021-01-10 20:00:01	1	19.31	0.05	10.09
2021-01-10 21:00:01	1	71.35	0.07	21.91
2021-01-10 22:00:01	1	19.11	0.05	10.20
2021-01-10 23:00:01	1	19.73	0.05	10.06
2021-01-11 00:00:01	1	19.64	0.05	10.24
2021-01-11 01:00:01	1	19.17	0.06	10.30
2021-01-11 02:00:01	1	19.06	0.06	10.41
2021-01-11 03:00:01	1	18.93	0.06	10.42
2021-01-11 04:00:01	1	18.99	0.05	10.42
2021-01-11 05:00:01	1	19.29	0.05	10.43
2021-01-11 06:00:01	1	19.00	0.05	10.41
2021-01-11 07:00:01	1	19.47	0.05	10.42
2021-01-11 08:00:01	1	20.79	0.05	10.28
2021-01-11 09:00:01	1	20.56	0.06	10.21
2021-01-11 10:00:01	1	18.67	0.05	9.50
2021-01-11 11:00:01	1	22.00	0.05	9.82
2021-01-11 12:00:01	1	20.88	0.07	10.98
2021-01-11 13:00:01	1	22.61	0.09	10.89
2021-01-11 14:00:01	1	21.27	0.09	11.31
2021-01-11 15:00:01	1	22.53	0.11	11.82
2021-01-11 16:00:01	1	21.95	0.09	11.70
2021-01-11 17:00:01	1	21.12	0.09	11.27
2021-01-11 18:00:01	1	21.39	0.07	11.07
2021-01-11 19:00:01	1	18.17	0.10	11.28
2021-01-11 20:00:01	1	16.81	0.06	10.95
2021-01-11 21:00:01	1	68.73	0.09	22.70
2021-01-11 22:00:01	1	17.83	0.06	10.61
2021-01-11 23:00:01	1	18.28	0.05	10.60
2021-01-12 00:00:01	1	17.93	0.05	10.60
2021-01-12 01:00:01	1	17.91	0.05	10.50
2021-01-12 02:00:01	1	17.94	0.05	10.44
2021-01-12 03:00:01	1	19.16	0.05	10.37
2021-01-12 04:00:01	1	18.93	0.05	10.40
2021-01-12 05:00:01	1	19.75	0.05	10.38
2021-01-12 06:00:01	1	19.61	0.05	10.35
2021-01-12 07:00:01	1	19.50	0.05	10.37
2021-01-12 08:00:01	1	19.57	0.05	10.33
2021-01-12 09:00:01	1	20.27	0.06	10.65
2021-01-12 10:00:01	1	21.94	0.05	10.28
2021-01-12 11:00:01	1	24.54	0.05	10.21
2021-01-12 12:00:01	1	22.49	0.05	10.23

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-12 13:00:01	1	21.82	0.05	10.27
2021-01-12 14:00:01	1	23.75	0.05	10.12
2021-01-12 15:00:01	1	18.47	0.14	11.15
2021-01-12 16:00:01	1	20.05	0.05	10.63
2021-01-12 17:00:01	1	19.12	0.08	11.03
2021-01-12 18:00:01	1	20.21	0.06	10.70
2021-01-12 19:00:01	1	19.19	0.06	10.78
2021-01-12 20:00:01	1	17.52	0.06	10.62
2021-01-12 21:00:01	1	63.45	0.26	23.39
2021-01-12 22:00:01	1	19.38	0.05	10.40
2021-01-12 23:00:01	1	18.83	0.04	10.26
2021-01-13 00:00:01	1	18.93	0.04	10.20
2021-01-13 01:00:01	1	18.97	0.05	10.34
2021-01-13 02:00:01	1	18.96	0.05	10.33
2021-01-13 03:00:01	1	19.76	0.05	10.37
2021-01-13 04:00:01	1	18.82	0.05	10.51
2021-01-13 05:00:01	1	18.79	0.05	10.48
2021-01-13 06:00:01	1	18.61	0.05	10.43
2021-01-13 07:00:01	1	18.06	0.04	10.36
2021-01-13 08:00:01	1	18.52	0.04	10.43
2021-01-13 09:00:01	1	18.88	0.05	10.44
2021-01-13 10:00:01	1	18.56	0.05	10.09
2021-01-13 11:00:01	1	17.76	0.05	10.11
2021-01-13 12:00:01	1	18.02	0.05	9.99
2021-01-13 13:00:01	1	18.22	0.05	9.75
2021-01-13 14:00:01	1	18.27	0.05	9.89
2021-01-13 15:00:01	1	17.82	0.08	9.87
2021-01-13 16:00:01	1	17.85	0.05	10.03
2021-01-13 17:00:01	1	18.82	0.05	9.87
2021-01-13 18:00:01	1	18.04	0.05	10.08
2021-01-13 19:00:01	1	17.22	0.05	10.13
2021-01-13 20:00:01	1	15.97	0.04	10.06
2021-01-13 21:00:01	1	66.65	0.06	22.15
2021-01-13 22:00:01	1	11.85	0.04	10.48
2021-01-13 23:00:01	1	13.40	0.05	10.43
2021-01-14 00:00:01	1	15.22	0.05	10.29
2021-01-14 01:00:01	1	18.18	0.05	10.31
2021-01-14 02:00:01	1	20.26	0.05	10.25
2021-01-14 03:00:01	1	23.37	0.05	10.16
2021-01-14 04:00:01	1	17.09	0.04	10.10
2021-01-14 05:00:01	1	13.01	0.05	10.36
2021-01-14 06:00:01	1	17.87	0.03	9.94
2021-01-14 07:00:01	1	18.14	0.03	9.88
2021-01-14 08:00:01	1	18.60	0.03	9.85
2021-01-14 09:00:01	1	19.05	0.04	9.82
2021-01-14 10:00:01	1	18.59	0.03	9.69

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-14 11:00:01	1	18.52	0.03	10.02
2021-01-14 12:00:01	1	17.70	0.03	9.72
2021-01-14 13:00:01	1	17.82	0.03	9.41
2021-01-14 14:00:01	1	18.36	0.04	9.67
2021-01-14 15:00:01	1	17.97	0.09	9.69
2021-01-14 16:00:01	1	17.46	0.04	9.90
2021-01-14 17:00:01	1	17.91	0.04	9.80
2021-01-14 18:00:01	1	18.21	0.04	9.89
2021-01-14 19:00:01	1	18.06	0.05	10.11
2021-01-14 20:00:01	1	16.58	0.05	10.39
2021-01-14 21:00:01	1	66.54	0.07	21.72
2021-01-14 22:00:01	1	17.04	0.05	10.37
2021-01-14 23:00:01	1	17.28	0.05	10.25
2021-01-15 00:00:01	1	17.43	0.05	10.29
2021-01-15 01:00:01	1	16.96	0.05	10.31
2021-01-15 02:00:01	1	16.83	0.05	10.31
2021-01-15 03:00:01	1	16.82	0.05	10.24
2021-01-15 04:00:01	1	17.58	0.05	10.20
2021-01-15 05:00:01	1	16.94	0.04	10.25
2021-01-15 06:00:01	1	16.71	0.04	10.18
2021-01-15 07:00:01	1	16.85	0.04	10.14
2021-01-15 08:00:01	1	18.36	0.04	10.01
2021-01-15 09:00:01	1	18.85	0.05	9.96
2021-01-15 10:00:01	1	13.45	0.04	9.66
2021-01-15 11:00:01	1	17.80	0.03	9.61
2021-01-15 12:00:01	1	18.18	0.04	9.58
2021-01-15 13:00:01	1	17.28	0.04	9.47
2021-01-15 14:00:01	1	18.38	0.04	9.36
2021-01-15 15:00:01	1	18.31	0.08	9.71
2021-01-15 16:00:01	1	18.07	0.05	9.71
2021-01-15 17:00:01	1	18.27	0.05	9.87
2021-01-15 18:00:01	1	18.03	0.05	10.02
2021-01-15 19:00:01	1	17.91	0.05	10.16
2021-01-15 20:00:01	1	20.31	0.05	10.30
2021-01-15 21:00:01	1	69.20	0.07	21.27
2021-01-15 22:00:01	1	19.39	0.05	10.41
2021-01-15 23:00:01	1	18.88	0.05	10.46
2021-01-16 00:00:01	1	18.93	0.05	10.43
2021-01-16 01:00:01	1	18.92	0.05	10.31
2021-01-16 02:00:01	1	18.87	0.05	10.29
2021-01-16 03:00:01	1	19.60	0.05	10.34
2021-01-16 04:00:01	1	19.81	0.05	10.40
2021-01-16 05:00:01	1	18.10	0.04	10.37
2021-01-16 06:00:01	1	17.24	0.03	10.23
2021-01-16 07:00:01	1	18.24	0.04	10.25
2021-01-16 08:00:01	1	22.72	0.04	10.27

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-16 09:00:01	1	18.94	0.05	10.44
2021-01-16 10:00:01	1	17.73	0.04	10.26
2021-01-16 11:00:01	1	18.01	0.04	10.15
2021-01-16 12:00:01	1	17.94	0.05	10.02
2021-01-16 13:00:01	1	17.91	0.04	9.98
2021-01-16 14:00:01	1	18.08	0.04	9.96
2021-01-16 15:00:01	1	17.90	0.09	9.85
2021-01-16 16:00:01	1	17.95	0.04	9.83
2021-01-16 17:00:01	1	18.06	0.04	9.79
2021-01-16 18:00:01	1	18.32	0.05	10.01
2021-01-16 19:00:01	1	18.18	0.04	10.08
2021-01-16 20:00:01	1	19.21	0.04	10.33
2021-01-16 21:00:01	1	67.49	0.06	21.53
2021-01-16 22:00:01	1	18.03	0.04	10.39
2021-01-16 23:00:01	1	18.18	0.05	10.42
2021-01-17 00:00:01	1	17.66	0.05	10.50
2021-01-17 01:00:01	1	18.03	0.05	10.45
2021-01-17 02:00:01	1	17.54	0.05	10.48
2021-01-17 03:00:01	1	17.54	0.04	10.48
2021-01-17 04:00:01	1	17.60	0.03	10.47
2021-01-17 05:00:01	1	17.88	0.03	10.50
2021-01-17 06:00:01	1	17.54	0.03	10.46
2021-01-17 07:00:01	1	17.77	0.03	10.46
2021-01-17 08:00:01	1	16.58	0.03	10.42
2021-01-17 09:00:01	1	16.62	0.04	10.35
2021-01-17 10:00:01	1	18.21	0.03	10.06
2021-01-17 11:00:01	1	18.46	0.03	9.94
2021-01-17 12:00:01	1	18.40	0.03	9.88
2021-01-17 13:00:01	1	18.20	0.03	9.80
2021-01-17 14:00:01	1	18.20	0.04	9.80
2021-01-17 15:00:01	1	18.00	0.08	9.83
2021-01-17 16:00:01	1	17.83	0.03	9.78
2021-01-17 17:00:01	1	18.01	0.03	9.79
2021-01-17 18:00:01	1	17.82	0.03	9.76
2021-01-17 19:00:01	1	18.58	0.04	9.86
2021-01-17 20:00:01	1	22.54	0.04	10.20
2021-01-17 21:00:01	1	67.61	0.06	21.39
2021-01-17 22:00:01	1	17.36	0.03	10.16
2021-01-17 23:00:01	1	17.45	0.03	10.13
2021-01-18 00:00:01	1	17.69	0.03	10.15
2021-01-18 01:00:01	1	17.57	0.03	10.21
2021-01-18 02:00:01	1	17.59	0.03	10.24
2021-01-18 03:00:01	1	18.03	0.03	10.27
2021-01-18 04:00:01	1	17.57	0.03	10.31
2021-01-18 05:00:01	1	17.69	0.03	10.32
2021-01-18 06:00:01	1	17.47	0.04	10.37

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-18 07:00:01	1	17.50	0.04	10.29
2021-01-18 08:00:01	1	18.44	0.03	10.17
2021-01-18 09:00:01	1	18.44	0.04	10.09
2021-01-18 10:00:01	1	18.16	0.04	9.91
2021-01-18 11:00:01	1	17.97	0.03	9.73
2021-01-18 12:00:01	1	18.49	0.03	9.54
2021-01-18 13:00:01	1	18.42	0.03	9.60
2021-01-18 14:00:01	1	18.50	0.03	9.48
2021-01-18 15:00:01	1	18.53	0.06	9.38
2021-01-18 16:00:01	1	18.62	0.02	9.40
2021-01-18 17:00:01	1	18.70	0.03	9.44
2021-01-18 18:00:01	1	18.57	0.03	9.79
2021-01-18 19:00:01	1	17.35	0.03	10.04
2021-01-18 20:00:01	1	17.62	0.03	10.20
2021-01-18 21:00:01	1	73.26	0.06	21.74
2021-01-18 22:00:01	1	17.35	0.04	10.53
2021-01-18 23:00:01	1	17.45	0.04	10.54
2021-01-19 00:00:01	1	17.53	0.04	10.50
2021-01-19 01:00:01	1	17.58	0.04	10.37
2021-01-19 02:00:01	1	17.83	0.03	10.34
2021-01-19 03:00:01	1	18.64	0.03	10.34
2021-01-19 04:00:01	1	17.94	0.03	10.36
2021-01-19 05:00:01	1	17.54	0.03	10.39
2021-01-19 06:00:01	1	17.57	0.03	10.37
2021-01-19 07:00:01	1	17.92	0.03	10.37
2021-01-19 08:00:01	1	19.43	0.04	10.26
2021-01-19 09:00:01	1	20.83	0.05	10.21
2021-01-19 10:00:01	1	17.79	0.04	9.99
2021-01-19 11:00:01	1	17.90	0.03	9.73
2021-01-19 12:00:01	1	18.43	0.03	9.44
2021-01-19 13:00:01	1	19.06	0.03	9.54
2021-01-19 14:00:01	1	19.15	0.04	9.72
2021-01-19 15:00:01	1	18.67	0.08	9.84
2021-01-19 16:00:01	1	18.09	0.04	9.99
2021-01-19 17:00:01	1	18.30	0.05	10.15
2021-01-19 18:00:01	1	17.43	0.04	10.22
2021-01-19 19:00:01	1	17.53	0.04	10.27
2021-01-19 20:00:01	1	17.88	0.04	10.40
2021-01-19 21:00:01	1	68.55	0.06	21.57
2021-01-19 22:00:01	1	17.94	0.04	10.53
2021-01-19 23:00:01	1	17.46	0.03	10.60
2021-01-20 00:00:01	1	18.24	0.04	10.34
2021-01-20 01:00:01	1	17.78	0.04	10.41
2021-01-20 02:00:01	1	17.98	0.04	10.68
2021-01-20 03:00:01	1	17.64	0.04	10.87
2021-01-20 04:00:01	1	18.54	0.04	10.83

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-20 05:00:01	1	18.05	0.04	10.95
2021-01-20 06:00:01	1	17.94	0.05	10.96
2021-01-20 07:00:01	1	17.30	0.05	10.74
2021-01-20 08:00:01	1	18.48	0.05	10.49
2021-01-20 09:00:01	1	18.75	0.05	10.57
2021-01-20 10:00:01	1	17.38	0.03	10.11
2021-01-20 11:00:01	1	17.62	0.03	9.94
2021-01-20 12:00:01	1	17.77	0.03	9.74
2021-01-20 13:00:01	1	17.67	0.04	9.64
2021-01-20 14:00:01	1	18.20	0.04	9.59
2021-01-20 15:00:01	1	18.31	0.08	9.57
2021-01-20 16:00:01	1	18.23	0.03	9.65
2021-01-20 17:00:01	1	18.12	0.04	9.83
2021-01-20 18:00:01	1	17.87	0.04	9.92
2021-01-20 19:00:01	1	17.67	0.05	10.22
2021-01-20 20:00:01	1	15.27	0.04	10.31
2021-01-20 21:00:01	1	65.42	0.06	21.72
2021-01-20 22:00:01	1	17.14	0.04	10.36
2021-01-20 23:00:01	1	17.08	0.03	10.36
2021-01-21 00:00:01	1	17.72	0.04	10.37
2021-01-21 01:00:01	1	17.90	0.04	10.43
2021-01-21 02:00:01	1	17.66	0.05	10.57
2021-01-21 03:00:01	1	18.08	0.05	10.51
2021-01-21 04:00:01	1	17.34	0.05	10.50
2021-01-21 05:00:01	1	16.84	0.05	10.52
2021-01-21 06:00:01	1	17.45	0.04	10.38
2021-01-21 07:00:01	1	17.77	0.05	10.47
2021-01-21 08:00:01	1	15.74	0.05	10.34
2021-01-21 09:00:01	1	16.99	0.06	10.40
2021-01-21 10:00:01	1	17.56	0.04	9.97
2021-01-21 11:00:01	1	18.73	0.05	10.00
2021-01-21 12:00:01	1	17.97	0.06	10.17
2021-01-21 13:00:01	1	18.64	0.06	10.01
2021-01-21 14:00:01	1	17.38	0.05	9.93
2021-01-21 15:00:01	1	18.42	0.08	10.08
2021-01-21 16:00:01	1	17.41	0.05	10.18
2021-01-21 17:00:01	1	17.40	0.05	10.20
2021-01-21 18:00:01	1	17.45	0.05	10.22
2021-01-21 19:00:01	1	16.92	0.05	10.35
2021-01-21 20:00:01	1	15.13	0.04	10.36
2021-01-21 21:00:01	1	68.29	0.06	21.43
2021-01-21 22:00:01	1	16.98	0.03	11.01
2021-01-21 23:00:01	1	17.27	0.03	11.00
2021-01-22 00:00:01	1	17.23	0.03	11.00
2021-01-22 01:00:01	1	17.37	0.03	10.82
2021-01-22 02:00:01	1	17.58	0.03	10.60

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-22 03:00:01	1	17.81	0.04	10.55
2021-01-22 04:00:01	1	17.66	0.04	10.49
2021-01-22 05:00:01	1	17.11	0.04	10.73
2021-01-22 06:00:01	1	17.23	0.04	10.71
2021-01-22 07:00:01	1	17.52	0.04	10.75
2021-01-22 08:00:01	1	16.40	0.05	10.62
2021-01-22 09:00:01	1	17.98	0.07	10.52
2021-01-22 10:00:01	1	17.55	0.06	10.37
2021-01-22 11:00:01	1	18.12	0.05	10.26
2021-01-22 12:00:01	1	17.69	0.05	10.19
2021-01-22 13:00:01	1	18.31	0.05	10.15
2021-01-22 14:00:01	1	18.28	0.05	10.06
2021-01-22 15:00:01	1	17.83	0.09	10.06
2021-01-22 16:00:01	1	17.87	0.05	10.14
2021-01-22 17:00:01	1	17.84	0.05	10.20
2021-01-22 18:00:01	1	17.71	0.05	10.25
2021-01-22 19:00:01	1	17.45	0.05	10.37
2021-01-22 20:00:01	1	18.90	0.04	10.46
2021-01-22 21:00:01	1	64.64	0.05	21.19
2021-01-22 22:00:01	1	17.37	0.03	10.41
2021-01-22 23:00:01	1	17.60	0.04	10.44
2021-01-23 00:00:01	1	17.75	0.04	10.47
2021-01-23 01:00:01	1	17.31	0.04	10.49
2021-01-23 02:00:01	1	17.11	0.04	10.43
2021-01-23 03:00:01	1	17.64	0.04	10.37
2021-01-23 04:00:01	1	17.15	0.03	10.38
2021-01-23 05:00:01	1	17.38	0.03	10.52
2021-01-23 06:00:01	1	17.54	0.03	10.56
2021-01-23 07:00:01	1	17.64	0.03	10.68
2021-01-23 08:00:01	1	18.36	0.03	10.63
2021-01-23 09:00:01	1	19.01	0.04	10.60
2021-01-23 10:00:01	1	17.50	0.03	10.53
2021-01-23 11:00:01	1	17.57	0.03	10.42
2021-01-23 12:00:01	1	18.19	0.04	10.25
2021-01-23 13:00:01	1	17.23	0.04	10.29
2021-01-23 14:00:01	1	18.08	0.04	10.23
2021-01-23 15:00:01	1	17.40	0.08	10.24
2021-01-23 16:00:01	1	17.41	0.04	10.24
2021-01-23 17:00:01	1	17.70	0.04	10.29
2021-01-23 18:00:01	1	17.50	0.04	10.44
2021-01-23 19:00:01	1	17.20	0.04	10.53
2021-01-23 20:00:01	1	18.65	0.04	10.60
2021-01-23 21:00:01	1	65.34	0.06	21.24
2021-01-23 22:00:01	1	17.81	0.04	10.58
2021-01-23 23:00:01	1	17.43	0.04	10.61
2021-01-24 00:00:01	1	17.29	0.04	10.64

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-24 01:00:01	1	16.91	0.04	10.67
2021-01-24 02:00:01	1	17.24	0.04	10.57
2021-01-24 03:00:01	1	17.47	0.03	10.58
2021-01-24 04:00:01	1	17.23	0.03	10.64
2021-01-24 05:00:01	1	19.91	0.03	10.73
2021-01-24 06:00:01	1	17.41	0.03	10.72
2021-01-24 07:00:01	1	17.37	0.03	10.79
2021-01-24 08:00:01	1	16.83	0.03	10.73
2021-01-24 09:00:01	1	14.90	0.04	10.54
2021-01-24 10:00:01	1	17.45	0.03	10.42
2021-01-24 11:00:01	1	17.91	0.03	10.29
2021-01-24 12:00:01	1	17.79	0.03	10.37
2021-01-24 13:00:01	1	18.23	0.04	10.40
2021-01-24 14:00:01	1	17.60	0.04	10.38
2021-01-24 15:00:01	1	17.93	0.08	10.38
2021-01-24 16:00:01	1	17.62	0.04	10.41
2021-01-24 17:00:01	1	17.49	0.04	10.44
2021-01-24 18:00:01	1	17.65	0.04	10.49
2021-01-24 19:00:01	1	17.38	0.04	10.53
2021-01-24 20:00:01	1	18.35	0.04	10.19
2021-01-24 21:00:01	1	64.50	0.06	20.58
2021-01-24 22:00:01	1	17.22	0.04	10.06
2021-01-24 23:00:01	1	17.18	0.04	10.09
2021-01-25 00:00:01	1	17.49	0.04	10.05
2021-01-25 01:00:01	1	16.95	0.04	9.99
2021-01-25 02:00:01	1	16.98	0.03	10.03
2021-01-25 03:00:01	1	18.10	0.03	10.11
2021-01-25 04:00:01	1	17.38	0.02	10.15
2021-01-25 05:00:01	1	17.87	0.02	10.27
2021-01-25 06:00:01	1	17.37	0.02	10.29
2021-01-25 07:00:01	1	17.67	0.02	10.36
2021-01-25 08:00:01	1	16.83	0.03	10.18
2021-01-25 09:00:01	1	16.37	0.03	10.00
2021-01-25 10:00:01	1	17.67	0.02	9.72
2021-01-25 11:00:01	1	17.87	0.02	9.57
2021-01-25 12:00:01	1	17.93	0.03	9.63
2021-01-25 13:00:01	1	17.95	0.03	9.63
2021-01-25 14:00:01	1	17.83	0.04	9.60
2021-01-25 15:00:01	1	17.77	0.08	9.65
2021-01-25 16:00:01	1	17.58	0.03	9.71
2021-01-25 17:00:01	1	17.78	0.03	9.84
2021-01-25 18:00:01	1	17.30	0.04	9.87
2021-01-25 19:00:01	1	17.62	0.04	9.96
2021-01-25 20:00:01	1	18.64	0.03	10.08
2021-01-25 21:00:01	1	65.66	0.05	20.67
2021-01-25 22:00:01	1	17.27	0.04	10.12

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-25 23:00:01	1	17.43	0.04	10.12
2021-01-26 00:00:01	1	17.52	0.04	10.18
2021-01-26 01:00:01	1	17.13	0.04	10.09
2021-01-26 02:00:01	1	17.01	0.03	10.10
2021-01-26 03:00:01	1	16.89	0.03	10.07
2021-01-26 04:00:01	1	18.13	0.03	10.14
2021-01-26 05:00:01	1	17.29	0.02	10.20
2021-01-26 06:00:01	1	17.43	0.02	10.17
2021-01-26 07:00:01	1	17.50	0.02	10.20
2021-01-26 08:00:01	1	17.35	0.03	10.10
2021-01-26 09:00:01	1	14.74	0.03	9.82
2021-01-26 10:00:01	1	17.97	0.02	9.72
2021-01-26 11:00:01	1	17.96	0.03	9.71
2021-01-26 12:00:01	1	17.80	0.03	9.59
2021-01-26 13:00:01	1	18.18	0.04	9.61
2021-01-26 14:00:01	1	18.22	0.04	9.57
2021-01-26 15:00:01	1	17.98	0.08	9.70
2021-01-26 16:00:01	1	17.67	0.04	9.77
2021-01-26 17:00:01	1	17.31	0.04	10.05
2021-01-26 18:00:01	1	17.34	0.03	10.31
2021-01-26 19:00:01	1	16.80	0.04	10.07
2021-01-26 20:00:01	1	0.00	0.00	0.00
2021-01-26 21:00:01	1	0.00	0.00	0.00
2021-01-26 22:00:01	1	0.00	0.00	0.00
2021-01-26 23:00:01	1	0.00	0.00	0.00
2021-01-27 00:00:01	1	-90.82	-5.56	-10.42
2021-01-27 01:00:01	1	0.00	-2.20	0.00
2021-01-27 02:00:01	1	0.00	-1.79	0.00
2021-01-27 03:00:01	1	-0.01	-1.39	0.00
2021-01-27 04:00:01	1	0.00	-2.13	0.00
2021-01-27 05:00:01	1	-0.05	-1.19	0.00
2021-01-27 06:00:01	1	-0.17	-0.36	0.00
2021-01-27 07:00:01	1	-0.12	-0.24	0.00
2021-01-27 08:00:01	1	-0.35	-0.59	0.00
2021-01-27 09:00:01	1	-1.16	-0.62	0.00
2021-01-27 10:00:01	1	-1.55	-0.53	0.00
2021-01-27 11:00:01	1	0.00	0.00	0.00
2021-01-27 12:00:01	1	0.00	0.00	0.00
2021-01-27 13:00:01	1	0.00	0.00	0.00
2021-01-27 14:00:01	0.341944444	0.00	0.00	0.00
2021-01-27 15:00:01	0.0375	0.00	0.00	0.00
2021-01-27 16:00:01	0	0.00	0.00	0.00
2021-01-27 17:00:01	0	0.00	0.00	0.00
2021-01-27 18:00:01	0	0.00	0.00	0.00
2021-01-27 19:00:01	0	0.00	0.00	0.00
2021-01-27 20:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-27 21:00:01	0	0.00	0.00	0.00
2021-01-27 22:00:01	0	0.00	0.00	0.00
2021-01-27 23:00:01	0	0.00	0.00	0.00
2021-01-28 00:00:01	0	0.00	0.00	0.00
2021-01-28 01:00:01	0	0.00	0.00	0.00
2021-01-28 02:00:01	0	0.00	0.00	0.00
2021-01-28 03:00:01	0	0.00	0.00	0.00
2021-01-28 04:00:01	0	0.00	0.00	0.00
2021-01-28 05:00:01	0	0.00	0.00	0.00
2021-01-28 06:00:01	0	0.00	0.00	0.00
2021-01-28 07:00:01	0	0.00	0.00	0.00
2021-01-28 08:00:01	0	0.00	0.00	0.00
2021-01-28 09:00:01	0	0.00	0.00	0.00
2021-01-28 10:00:01	0.137222222	0.00	0.00	0.00
2021-01-28 11:00:01	0	0.00	0.00	0.00
2021-01-28 12:00:01	0	0.00	0.00	0.00
2021-01-28 13:00:01	0	0.00	0.00	0.00
2021-01-28 14:00:01	0	0.00	0.00	0.00
2021-01-28 15:00:01	0	0.00	0.00	0.00
2021-01-28 16:00:01	0	0.00	0.00	0.00
2021-01-28 17:00:01	0	0.00	0.00	0.00
2021-01-28 18:00:01	0	0.00	0.00	0.00
2021-01-28 19:00:01	0	0.00	0.00	0.00
2021-01-28 20:00:01	0	0.00	0.00	0.00
2021-01-28 21:00:01	0	0.00	0.00	0.00
2021-01-28 22:00:01	0	0.00	0.00	0.00
2021-01-28 23:00:01	0	0.00	0.00	0.00
2021-01-29 00:00:01	0	0.00	0.00	0.00
2021-01-29 01:00:01	0	0.00	0.00	0.00
2021-01-29 02:00:01	0	0.00	0.00	0.00
2021-01-29 03:00:01	0	0.00	0.00	0.00
2021-01-29 04:00:01	0	0.00	0.00	0.00
2021-01-29 05:00:01	0	0.00	0.00	0.00
2021-01-29 06:00:01	0	0.00	0.00	0.00
2021-01-29 07:00:01	0	0.00	0.00	0.00
2021-01-29 08:00:01	0	0.00	0.00	0.00
2021-01-29 09:00:01	0	0.00	0.00	0.00
2021-01-29 10:00:01	0	0.00	0.00	0.00
2021-01-29 11:00:01	0	0.00	0.00	0.00
2021-01-29 12:00:01	0	0.00	0.00	0.00
2021-01-29 13:00:01	0	0.00	0.00	0.00
2021-01-29 14:00:01	0	0.00	0.00	0.00
2021-01-29 15:00:01	0	0.00	0.00	0.00
2021-01-29 16:00:01	0	0.00	0.00	0.00
2021-01-29 17:00:01	0	0.00	0.00	0.00
2021-01-29 18:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-29 19:00:01	0	0.00	0.00	0.00
2021-01-29 20:00:01	0	0.00	0.00	0.00
2021-01-29 21:00:01	0	0.00	0.00	0.00
2021-01-29 22:00:01	0	0.00	0.00	0.00
2021-01-29 23:00:01	0	0.00	0.00	0.00
2021-01-30 00:00:01	0	0.00	0.00	0.00
2021-01-30 01:00:01	0	0.00	0.00	0.00
2021-01-30 02:00:01	0	0.00	0.00	0.00
2021-01-30 03:00:01	0	0.00	0.00	0.00
2021-01-30 04:00:01	0	0.00	0.00	0.00
2021-01-30 05:00:01	0	0.00	0.00	0.00
2021-01-30 06:00:01	0	0.00	0.00	0.00
2021-01-30 07:00:01	0	0.00	0.00	0.00
2021-01-30 08:00:01	0	0.00	0.00	0.00
2021-01-30 09:00:01	0	0.00	0.00	0.00
2021-01-30 10:00:01	0	0.00	0.00	0.00
2021-01-30 11:00:01	0	0.00	0.00	0.00
2021-01-30 12:00:01	0	0.00	0.00	0.00
2021-01-30 13:00:01	0	0.00	0.00	0.00
2021-01-30 14:00:01	0	0.00	0.00	0.00
2021-01-30 15:00:01	0	0.00	0.00	0.00
2021-01-30 16:00:01	0	0.00	0.00	0.00
2021-01-30 17:00:01	0	0.00	0.00	0.00
2021-01-30 18:00:01	0	0.00	0.00	0.00
2021-01-30 19:00:01	0	0.00	0.00	0.00
2021-01-30 20:00:01	0	0.00	0.00	0.00
2021-01-30 21:00:01	0	0.00	0.00	0.00
2021-01-30 22:00:01	0	0.00	0.00	0.00
2021-01-30 23:00:01	0	0.00	0.00	0.00
2021-01-31 00:00:01	0	0.00	0.00	0.00
2021-01-31 01:00:01	0	0.00	0.00	0.00
2021-01-31 02:00:01	0	0.00	0.00	0.00
2021-01-31 03:00:01	0	0.00	0.00	0.00
2021-01-31 04:00:01	0	0.00	0.00	0.00
2021-01-31 05:00:01	0	0.00	0.00	0.00
2021-01-31 06:00:01	0	0.00	0.00	0.00
2021-01-31 07:00:01	0	0.00	0.00	0.00
2021-01-31 08:00:01	0	0.00	0.00	0.00
2021-01-31 09:00:01	0	0.00	0.00	0.00
2021-01-31 10:00:01	0	0.00	0.00	0.00
2021-01-31 11:00:01	0	0.00	0.00	0.00
2021-01-31 12:00:01	0	0.00	0.00	0.00
2021-01-31 13:00:01	0	0.00	0.00	0.00
2021-01-31 14:00:01	0	0.00	0.00	0.00
2021-01-31 15:00:01	0	0.00	0.00	0.00
2021-01-31 16:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-01-31 17:00:01	0	0.00	0.00	0.00
2021-01-31 18:00:01	0	0.00	0.00	0.00
2021-01-31 19:00:01	0	0.00	0.00	0.00
2021-01-31 20:00:01	0	0.00	0.00	0.00
2021-01-31 21:00:01	0	0.00	0.00	0.00
2021-01-31 22:00:01	0	0.00	0.00	0.00
2021-01-31 23:00:01	0	0.00	0.00	0.00
2021-02-01 00:00:01	0	0.00	0.00	0.00
2021-02-01 01:00:01	0	0.00	0.00	0.00
2021-02-01 02:00:01	0	0.00	0.00	0.00
2021-02-01 03:00:01	0	0.00	0.00	0.00
2021-02-01 04:00:01	0	0.00	0.00	0.00
2021-02-01 05:00:01	0	0.00	0.00	0.00
2021-02-01 06:00:01	0	0.00	0.00	0.00
2021-02-01 07:00:01	0	0.00	0.00	0.00
2021-02-01 08:00:01	0	0.00	0.00	0.00
2021-02-01 09:00:01	0	0.00	0.00	0.00
2021-02-01 10:00:01	0	0.00	0.00	0.00
2021-02-01 11:00:01	0	0.00	0.00	0.00
2021-02-01 12:00:01	0	0.00	0.00	0.00
2021-02-01 13:00:01	0	0.00	0.00	0.00
2021-02-01 14:00:01	0	0.00	0.00	0.00
2021-02-01 15:00:01	0	0.00	0.00	0.00
2021-02-01 16:00:01	0	0.00	0.00	0.00
2021-02-01 17:00:01	0	0.00	0.00	0.00
2021-02-01 18:00:01	0	0.00	0.00	0.00
2021-02-01 19:00:01	0	0.00	0.00	0.00
2021-02-01 20:00:01	0	0.00	0.00	0.00
2021-02-01 21:00:01	0	0.00	0.00	0.00
2021-02-01 22:00:01	0	0.00	0.00	0.00
2021-02-01 23:00:01	0	0.00	0.00	0.00
2021-02-02 00:00:01	0	0.00	0.00	0.00
2021-02-02 01:00:01	0	0.00	0.00	0.00
2021-02-02 02:00:01	0	0.00	0.00	0.00
2021-02-02 03:00:01	0	0.00	0.00	0.00
2021-02-02 04:00:01	0	0.00	0.00	0.00
2021-02-02 05:00:01	0	0.00	0.00	0.00
2021-02-02 06:00:01	0	0.00	0.00	0.00
2021-02-02 07:00:01	0	0.00	0.00	0.00
2021-02-02 08:00:01	0	0.00	0.00	0.00
2021-02-02 09:00:01	0	0.00	0.00	0.00
2021-02-02 10:00:01	0	0.00	0.00	0.00
2021-02-02 11:00:01	0	0.00	0.00	0.00
2021-02-02 12:00:01	0	0.00	0.00	0.00
2021-02-02 13:00:01	0	0.00	0.00	0.00
2021-02-02 14:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-02 15:00:01	0	0.00	0.00	0.00
2021-02-02 16:00:01	0	0.00	0.00	0.00
2021-02-02 17:00:01	0	0.00	0.00	0.00
2021-02-02 18:00:01	0	0.00	0.00	0.00
2021-02-02 19:00:01	0	0.00	0.00	0.00
2021-02-02 20:00:01	0	0.00	0.00	0.00
2021-02-02 21:00:01	0	0.00	0.00	0.00
2021-02-02 22:00:01	0	0.00	0.00	0.00
2021-02-02 23:00:01	0	0.00	0.00	0.00
2021-02-03 00:00:01	0	0.00	0.00	0.00
2021-02-03 01:00:01	0	0.00	0.00	0.00
2021-02-03 02:00:01	0	0.00	0.00	0.00
2021-02-03 03:00:01	0	0.00	0.00	0.00
2021-02-03 04:00:01	0	0.00	0.00	0.00
2021-02-03 05:00:01	0	0.00	0.00	0.00
2021-02-03 06:00:01	0	0.00	0.00	0.00
2021-02-03 07:00:01	0	0.00	0.00	0.00
2021-02-03 08:00:01	0	0.00	0.00	0.00
2021-02-03 09:00:01	0	0.00	0.00	0.00
2021-02-03 10:00:01	0	0.00	0.00	0.00
2021-02-03 11:00:01	0	0.00	0.00	0.00
2021-02-03 12:00:01	0	0.00	0.00	0.00
2021-02-03 13:00:01	0	0.00	0.00	0.00
2021-02-03 14:00:01	0	0.00	0.00	0.00
2021-02-03 15:00:01	0	0.00	0.00	0.00
2021-02-03 16:00:01	0	0.00	0.00	0.00
2021-02-03 17:00:01	0	0.00	0.00	0.00
2021-02-03 18:00:01	0	0.00	0.00	0.00
2021-02-03 19:00:01	0	0.00	0.00	0.00
2021-02-03 20:00:01	0	0.00	0.00	0.00
2021-02-03 21:00:01	0	0.00	0.00	0.00
2021-02-03 22:00:01	0	0.00	0.00	0.00
2021-02-03 23:00:01	0	0.00	0.00	0.00
2021-02-04 00:00:01	0	0.00	0.00	0.00
2021-02-04 01:00:01	0	0.00	0.00	0.00
2021-02-04 02:00:01	0	0.00	0.00	0.00
2021-02-04 03:00:01	0	0.00	0.00	0.00
2021-02-04 04:00:01	0	0.00	0.00	0.00
2021-02-04 05:00:01	0	0.00	0.00	0.00
2021-02-04 06:00:01	0	0.00	0.00	0.00
2021-02-04 07:00:01	0	0.00	0.00	0.00
2021-02-04 08:00:01	0	0.00	0.00	0.00
2021-02-04 09:00:01	0	0.00	0.00	0.00
2021-02-04 10:00:01	0	0.00	0.00	0.00
2021-02-04 11:00:01	0	0.00	0.00	0.00
2021-02-04 12:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-04 13:00:01	0	0.00	0.00	0.00
2021-02-04 14:00:01	0	0.00	0.00	0.00
2021-02-04 15:00:01	0	0.00	0.00	0.00
2021-02-04 16:00:01	0	0.00	0.00	0.00
2021-02-04 17:00:01	0	0.00	0.00	0.00
2021-02-04 18:00:01	0	0.00	0.00	0.00
2021-02-04 19:00:01	0	0.00	0.00	0.00
2021-02-04 20:00:01	0	0.00	0.00	0.00
2021-02-04 21:00:01	0	0.00	0.00	0.00
2021-02-04 22:00:01	0	0.00	0.00	0.00
2021-02-04 23:00:01	0	0.00	0.00	0.00
2021-02-05 00:00:01	0.161111111	0.00	0.00	0.00
2021-02-05 01:00:01	1	98.18	0.09	19.08
2021-02-05 02:00:01	1	17.42	0.12	12.42
2021-02-05 03:00:01	1	17.42	0.08	12.47
2021-02-05 04:00:01	1	16.99	0.06	12.41
2021-02-05 05:00:01	1	21.01	0.06	11.86
2021-02-05 06:00:01	1	29.41	0.05	11.68
2021-02-05 07:00:01	1	30.78	0.06	11.64
2021-02-05 08:00:01	1	20.82	0.05	11.80
2021-02-05 09:00:01	1	14.21	0.09	12.52
2021-02-05 10:00:01	1	18.00	0.06	11.63
2021-02-05 11:00:01	1	17.08	0.05	11.40
2021-02-05 12:00:01	1	17.45	0.05	11.24
2021-02-05 13:00:01	1	17.12	0.05	11.14
2021-02-05 14:00:01	1	16.97	0.05	11.20
2021-02-05 15:00:01	1	17.23	0.05	11.10
2021-02-05 16:00:01	1	17.42	0.09	11.10
2021-02-05 17:00:01	1	17.12	0.04	11.18
2021-02-05 18:00:01	1	17.08	0.04	11.18
2021-02-05 19:00:01	1	17.21	0.04	11.29
2021-02-05 20:00:01	1	16.68	0.04	11.37
2021-02-05 21:00:01	1	65.41	0.05	21.61
2021-02-05 22:00:01	0.961666667	17.13	0.04	11.44
2021-02-05 23:00:01	0	0.00	0.00	0.00
2021-02-06 00:00:01	0	0.00	0.00	0.00
2021-02-06 01:00:01	0	0.00	0.00	0.00
2021-02-06 02:00:01	0	0.00	0.00	0.00
2021-02-06 03:00:01	0	0.00	0.00	0.00
2021-02-06 04:00:01	0	0.00	0.00	0.00
2021-02-06 05:00:01	0	0.00	0.00	0.00
2021-02-06 06:00:01	0	0.00	0.00	0.00
2021-02-06 07:00:01	0	0.00	0.00	0.00
2021-02-06 08:00:01	0	0.00	0.00	0.00
2021-02-06 09:00:01	0	0.00	0.00	0.00
2021-02-06 10:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-06 11:00:01	0	0.00	0.00	0.00
2021-02-06 12:00:01	0	0.00	0.00	0.00
2021-02-06 13:00:01	0	0.00	0.00	0.00
2021-02-06 14:00:01	0	0.00	0.00	0.00
2021-02-06 15:00:01	0	0.00	0.00	0.00
2021-02-06 16:00:01	0	0.00	0.00	0.00
2021-02-06 17:00:01	0	0.00	0.00	0.00
2021-02-06 18:00:01	0	0.00	0.00	0.00
2021-02-06 19:00:01	0	0.00	0.00	0.00
2021-02-06 20:00:01	0	0.00	0.00	0.00
2021-02-06 21:00:01	0	0.00	0.00	0.00
2021-02-06 22:00:01	0	0.00	0.00	0.00
2021-02-06 23:00:01	0	0.00	0.00	0.00
2021-02-07 00:00:01	0	0.00	0.00	0.00
2021-02-07 01:00:01	0	0.00	0.00	0.00
2021-02-07 02:00:01	0	0.00	0.00	0.00
2021-02-07 03:00:01	0	0.00	0.00	0.00
2021-02-07 04:00:01	0.706944444	310.98	0.50	268.25
2021-02-07 05:00:01	1	124.78	0.25	20.94
2021-02-07 06:00:01	1	13.27	0.16	14.65
2021-02-07 07:00:01	1	17.60	0.10	14.19
2021-02-07 08:00:01	1	16.15	0.08	13.96
2021-02-07 09:00:01	1	11.12	0.09	13.39
2021-02-07 10:00:01	1	34.67	0.06	13.45
2021-02-07 11:00:01	1	17.98	0.07	14.10
2021-02-07 12:00:01	1	18.59	0.14	15.71
2021-02-07 13:00:01	1	19.17	0.23	16.61
2021-02-07 14:00:01	1	19.25	0.30	16.66
2021-02-07 15:00:01	1	16.36	0.13	14.53
2021-02-07 16:00:01	1	15.25	0.12	13.77
2021-02-07 17:00:01	1	16.68	0.05	13.19
2021-02-07 18:00:01	1	16.87	0.05	13.12
2021-02-07 19:00:01	1	17.20	0.05	13.16
2021-02-07 20:00:01	1	17.09	0.04	13.27
2021-02-07 21:00:01	1	64.75	0.06	23.64
2021-02-07 22:00:01	1	17.85	0.04	13.34
2021-02-07 23:00:01	1	17.80	0.04	13.36
2021-02-08 00:00:01	1	17.61	0.04	13.37
2021-02-08 01:00:01	1	17.50	0.04	13.36
2021-02-08 02:00:01	1	17.72	0.04	13.37
2021-02-08 03:00:01	1	17.53	0.04	13.39
2021-02-08 04:00:01	1	17.67	0.04	13.55
2021-02-08 05:00:01	1	17.61	0.04	13.50
2021-02-08 06:00:01	1	17.56	0.04	13.54
2021-02-08 07:00:01	1	17.68	0.04	13.57
2021-02-08 08:00:01	1	17.49	0.04	13.48

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-08 09:00:01	1	17.49	0.04	13.23
2021-02-08 10:00:01	1	17.79	0.04	13.33
2021-02-08 11:00:01	0.998611111	17.99	0.04	13.18
2021-02-08 12:00:01	1	17.77	0.04	13.06
2021-02-08 13:00:01	1	17.81	0.04	13.54
2021-02-08 14:00:01	1	18.40	0.04	13.76
2021-02-08 15:00:01	1	17.94	0.04	13.65
2021-02-08 16:00:01	1	17.70	0.08	13.60
2021-02-08 17:00:01	1	17.76	0.03	13.64
2021-02-08 18:00:01	1	17.86	0.03	13.72
2021-02-08 19:00:01	1	17.40	0.03	13.80
2021-02-08 20:00:01	1	17.27	0.03	13.84
2021-02-08 21:00:01	1	66.18	0.05	24.11
2021-02-08 22:00:01	1	18.96	0.03	13.97
2021-02-08 23:00:01	1	19.18	0.03	13.91
2021-02-09 00:00:01	1	19.23	0.03	13.93
2021-02-09 01:00:01	1	19.04	0.03	13.93
2021-02-09 02:00:01	1	19.04	0.03	13.91
2021-02-09 03:00:01	1	19.25	0.03	13.93
2021-02-09 04:00:01	1	19.07	0.03	13.95
2021-02-09 05:00:01	1	18.84	0.03	14.01
2021-02-09 06:00:01	1	15.56	0.03	14.01
2021-02-09 07:00:01	1	15.50	0.04	14.01
2021-02-09 08:00:01	1	16.19	0.04	13.94
2021-02-09 09:00:01	1	20.91	0.04	13.95
2021-02-09 10:00:01	1	15.30	0.04	13.91
2021-02-09 11:00:01	1	15.13	0.04	13.67
2021-02-09 12:00:01	0.997222222	15.32	0.04	13.52
2021-02-09 13:00:01	1	15.70	0.04	13.49
2021-02-09 14:00:01	1	15.57	0.04	13.49
2021-02-09 15:00:01	1	15.36	0.04	13.58
2021-02-09 16:00:01	1	15.27	0.08	13.58
2021-02-09 17:00:01	1	15.35	0.04	13.51
2021-02-09 18:00:01	1	15.42	0.04	13.54
2021-02-09 19:00:01	1	15.12	0.04	13.74
2021-02-09 20:00:01	1	15.46	0.03	13.77
2021-02-09 21:00:01	1	62.28	0.05	24.28
2021-02-09 22:00:01	1	15.32	0.03	13.81
2021-02-09 23:00:01	1	15.28	0.03	13.88
2021-02-10 00:00:01	1	15.93	0.03	13.89
2021-02-10 01:00:01	1	15.42	0.04	13.88
2021-02-10 02:00:01	1	15.05	0.03	13.81
2021-02-10 03:00:01	1	14.99	0.03	13.74
2021-02-10 04:00:01	1	15.30	0.03	13.74
2021-02-10 05:00:01	1	15.79	0.02	13.75
2021-02-10 06:00:01	1	15.34	0.03	13.70

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-10 07:00:01	1	15.32	0.03	13.72
2021-02-10 08:00:01	1	15.78	0.03	13.72
2021-02-10 09:00:01	1	16.34	0.03	13.51
2021-02-10 10:00:01	1	17.81	0.03	13.22
2021-02-10 11:00:01	1	15.85	0.03	12.99
2021-02-10 12:00:01	1	15.77	0.03	12.86
2021-02-10 13:00:01	1	16.12	0.03	12.82
2021-02-10 14:00:01	1	16.43	0.04	13.11
2021-02-10 15:00:01	1	16.02	0.04	13.40
2021-02-10 16:00:01	1	15.65	0.08	13.38
2021-02-10 17:00:01	1	16.06	0.04	13.47
2021-02-10 18:00:01	1	15.48	0.04	13.55
2021-02-10 19:00:01	1	15.46	0.04	13.57
2021-02-10 20:00:01	1	14.00	0.04	13.62
2021-02-10 21:00:01	1	63.60	0.06	23.84
2021-02-10 22:00:01	1	15.53	0.04	13.70
2021-02-10 23:00:01	1	15.38	0.04	13.78
2021-02-11 00:00:01	1	15.17	0.04	13.70
2021-02-11 01:00:01	1	16.08	0.03	13.50
2021-02-11 02:00:01	1	15.14	0.03	13.38
2021-02-11 03:00:01	1	15.52	0.03	13.32
2021-02-11 04:00:01	1	15.50	0.03	13.39
2021-02-11 05:00:01	1	15.52	0.03	13.50
2021-02-11 06:00:01	1	15.38	0.03	13.54
2021-02-11 07:00:01	1	15.49	0.03	13.64
2021-02-11 08:00:01	1	16.44	0.03	13.53
2021-02-11 09:00:01	1	18.18	0.04	13.61
2021-02-11 10:00:01	1	15.21	0.04	13.61
2021-02-11 11:00:01	1	14.86	0.04	14.95
2021-02-11 12:00:01	1	15.52	0.04	15.39
2021-02-11 13:00:01	1	15.47	0.04	15.86
2021-02-11 14:00:01	1	15.88	0.04	16.09
2021-02-11 15:00:01	1	15.24	0.04	16.91
2021-02-11 16:00:01	1	20.07	0.18	18.00
2021-02-11 17:00:01	1	15.49	0.03	18.12
2021-02-11 18:00:01	1	16.16	0.04	18.21
2021-02-11 19:00:01	1	15.79	0.04	18.64
2021-02-11 20:00:01	1	15.64	0.03	19.06
2021-02-11 21:00:01	1	66.26	0.04	29.86
2021-02-11 22:00:01	1	16.22	0.03	19.67
2021-02-11 23:00:01	1	16.21	0.03	19.75
2021-02-12 00:00:01	1	16.22	0.03	19.74
2021-02-12 01:00:01	1	16.21	0.03	19.71
2021-02-12 02:00:01	1	16.46	0.03	19.70
2021-02-12 03:00:01	1	15.80	0.02	19.78
2021-02-12 04:00:01	1	15.58	0.02	19.85

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-12 05:00:01	1	15.66	0.03	19.88
2021-02-12 06:00:01	1	15.54	0.03	19.87
2021-02-12 07:00:01	1	15.54	0.03	19.86
2021-02-12 08:00:01	1	15.50	0.03	19.78
2021-02-12 09:00:01	1	15.39	0.04	19.63
2021-02-12 10:00:01	1	15.63	0.03	19.64
2021-02-12 11:00:01	1	15.41	0.03	19.51
2021-02-12 12:00:01	1	15.67	0.03	19.39
2021-02-12 13:00:01	1	15.56	0.03	19.32
2021-02-12 14:00:01	1	15.66	0.03	19.22
2021-02-12 15:00:01	1	15.55	0.03	19.30
2021-02-12 16:00:01	1	15.58	0.08	19.28
2021-02-12 17:00:01	1	15.44	0.03	19.36
2021-02-12 18:00:01	1	15.46	0.03	19.44
2021-02-12 19:00:01	1	15.37	0.03	19.65
2021-02-12 20:00:01	1	15.04	0.03	19.81
2021-02-12 21:00:01	1	65.61	0.04	30.32
2021-02-12 22:00:01	1	15.45	0.03	19.91
2021-02-12 23:00:01	1	15.52	0.03	19.88
2021-02-13 00:00:01	1	15.68	0.03	19.98
2021-02-13 01:00:01	1	15.55	0.03	20.01
2021-02-13 02:00:01	1	15.68	0.03	20.04
2021-02-13 03:00:01	1	15.50	0.03	20.08
2021-02-13 04:00:01	1	16.09	0.03	20.05
2021-02-13 05:00:01	1	15.71	0.03	20.12
2021-02-13 06:00:01	1	15.61	0.03	20.03
2021-02-13 07:00:01	1	15.64	0.03	20.10
2021-02-13 08:00:01	1	15.83	0.03	20.00
2021-02-13 09:00:01	1	15.66	0.04	19.91
2021-02-13 10:00:01	1	15.67	0.03	20.04
2021-02-13 11:00:01	1	15.69	0.03	20.12
2021-02-13 12:00:01	1	15.64	0.04	19.97
2021-02-13 13:00:01	1	16.04	0.04	19.68
2021-02-13 14:00:01	1	15.95	0.04	19.33
2021-02-13 15:00:01	1	15.80	0.04	19.28
2021-02-13 16:00:01	1	15.81	0.08	19.34
2021-02-13 17:00:01	1	15.86	0.03	19.37
2021-02-13 18:00:01	1	16.38	0.03	20.52
2021-02-13 19:00:01	1	15.76	0.04	20.67
2021-02-13 20:00:01	1	15.99	0.03	20.89
2021-02-13 21:00:01	1	66.01	0.05	31.40
2021-02-13 22:00:01	1	15.59	0.03	21.01
2021-02-13 23:00:01	1	15.59	0.03	21.06
2021-02-14 00:00:01	1	15.70	0.03	21.03
2021-02-14 01:00:01	1	15.53	0.03	21.07
2021-02-14 02:00:01	1	15.62	0.03	21.09

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-14 03:00:01	1	15.91	0.03	20.99
2021-02-14 04:00:01	1	15.79	0.03	21.15
2021-02-14 05:00:01	1	15.68	0.03	21.19
2021-02-14 06:00:01	1	15.57	0.03	21.07
2021-02-14 07:00:01	1	15.57	0.03	21.03
2021-02-14 08:00:01	1	16.19	0.03	21.00
2021-02-14 09:00:01	1	18.27	0.04	20.79
2021-02-14 10:00:01	1	15.89	0.03	20.71
2021-02-14 11:00:01	1	16.07	0.03	20.79
2021-02-14 12:00:01	1	15.74	0.04	20.92
2021-02-14 13:00:01	1	16.16	0.04	20.77
2021-02-14 14:00:01	1	16.21	0.04	20.56
2021-02-14 15:00:01	1	15.74	0.04	20.66
2021-02-14 16:00:01	1	16.18	0.08	20.67
2021-02-14 17:00:01	1	16.13	0.04	20.77
2021-02-14 18:00:01	1	15.75	0.04	20.85
2021-02-14 19:00:01	1	16.58	0.04	20.87
2021-02-14 20:00:01	1	17.49	0.03	20.92
2021-02-14 21:00:01	1	64.73	0.04	31.47
2021-02-14 22:00:01	1	16.44	0.03	20.91
2021-02-14 23:00:01	1	16.47	0.03	21.00
2021-02-15 00:00:01	1	16.71	0.03	20.99
2021-02-15 01:00:01	1	16.64	0.03	21.00
2021-02-15 02:00:01	1	16.55	0.03	20.99
2021-02-15 03:00:01	1	16.55	0.03	20.96
2021-02-15 04:00:01	1	16.45	0.05	20.95
2021-02-15 05:00:01	1	16.91	0.08	21.06
2021-02-15 06:00:01	1	16.52	0.05	21.13
2021-02-15 07:00:01	1	16.28	0.05	21.20
2021-02-15 08:00:01	1	17.11	0.04	21.20
2021-02-15 09:00:01	1	16.69	0.05	20.71
2021-02-15 10:00:01	1	16.87	0.05	20.53
2021-02-15 11:00:01	1	17.19	0.06	20.31
2021-02-15 12:00:01	1	17.15	0.05	20.27
2021-02-15 13:00:01	1	17.35	0.05	20.37
2021-02-15 14:00:01	1	17.07	0.04	20.40
2021-02-15 15:00:01	1	16.80	0.04	20.46
2021-02-15 16:00:01	1	16.98	0.08	20.36
2021-02-15 17:00:01	1	17.32	0.04	21.15
2021-02-15 18:00:01	1	17.08	0.04	24.32
2021-02-15 19:00:01	1	17.52	0.04	25.13
2021-02-15 20:00:01	1	16.87	0.04	25.29
2021-02-15 21:00:01	1	66.52	0.05	36.41
2021-02-15 22:00:01	1	17.29	0.03	26.02
2021-02-15 23:00:01	1	17.13	0.03	27.24
2021-02-16 00:00:01	1	17.40	0.03	27.56

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-16 01:00:01	1	17.49	0.03	27.47
2021-02-16 02:00:01	1	17.76	0.04	27.48
2021-02-16 03:00:01	1	17.14	0.03	27.62
2021-02-16 04:00:01	1	17.31	0.03	27.53
2021-02-16 05:00:01	1	17.27	0.07	27.72
2021-02-16 06:00:01	1	17.28	0.07	27.52
2021-02-16 07:00:01	1	17.21	0.16	27.23
2021-02-16 08:00:01	1	16.64	0.08	27.10
2021-02-16 09:00:01	1	21.16	0.20	25.91
2021-02-16 10:00:01	1	17.37	0.15	25.55
2021-02-16 11:00:01	1	17.75	0.10	25.37
2021-02-16 12:00:01	1	17.47	0.08	25.47
2021-02-16 13:00:01	1	17.64	0.06	25.51
2021-02-16 14:00:01	1	17.59	0.05	25.14
2021-02-16 15:00:01	1	17.68	0.05	25.31
2021-02-16 16:00:01	1	17.86	0.09	25.57
2021-02-16 17:00:01	1	17.69	0.05	25.71
2021-02-16 18:00:01	1	17.39	0.05	25.79
2021-02-16 19:00:01	1	17.56	0.04	26.08
2021-02-16 20:00:01	1	17.76	0.04	26.47
2021-02-16 21:00:01	1	66.74	0.06	37.13
2021-02-16 22:00:01	1	17.28	0.04	26.34
2021-02-16 23:00:01	1	17.52	0.04	26.38
2021-02-17 00:00:01	1	17.24	0.04	26.45
2021-02-17 01:00:01	1	17.38	0.04	26.36
2021-02-17 02:00:01	1	17.31	0.04	26.53
2021-02-17 03:00:01	1	17.39	0.04	26.55
2021-02-17 04:00:01	1	17.28	0.04	26.55
2021-02-17 05:00:01	1	17.68	0.04	26.72
2021-02-17 06:00:01	1	17.22	0.04	26.65
2021-02-17 07:00:01	1	17.57	0.04	26.54
2021-02-17 08:00:01	1	17.77	0.04	26.68
2021-02-17 09:00:01	1	17.60	0.05	26.19
2021-02-17 10:00:01	1	17.48	0.04	26.43
2021-02-17 11:00:01	1	17.59	0.05	26.13
2021-02-17 12:00:01	1	17.67	0.05	25.95
2021-02-17 13:00:01	1	17.72	0.04	26.07
2021-02-17 14:00:01	1	17.45	0.07	24.56
2021-02-17 15:00:01	1	17.46	0.07	26.68
2021-02-17 16:00:01	1	18.11	0.08	25.96
2021-02-17 17:00:01	1	17.35	0.04	26.34
2021-02-17 18:00:01	1	17.54	0.04	26.44
2021-02-17 19:00:01	1	17.47	0.04	26.46
2021-02-17 20:00:01	1	17.52	0.03	26.56
2021-02-17 21:00:01	1	68.94	0.04	37.66
2021-02-17 22:00:01	1	17.41	0.03	26.91

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-17 23:00:01	1	17.58	0.03	26.92
2021-02-18 00:00:01	1	17.33	0.03	26.95
2021-02-18 01:00:01	1	17.28	0.03	27.02
2021-02-18 02:00:01	1	17.25	0.03	27.13
2021-02-18 03:00:01	1	17.38	0.03	27.13
2021-02-18 04:00:01	1	17.21	0.03	27.02
2021-02-18 05:00:01	1	17.42	0.03	27.07
2021-02-18 06:00:01	1	17.21	0.03	27.16
2021-02-18 08:00:01	1	17.45	0.04	26.96
2021-02-18 09:00:01	1	18.06	0.05	26.89
2021-02-18 10:00:01	1	17.54	0.04	26.78
2021-02-18 11:00:01	1	17.69	0.05	26.56
2021-02-18 12:00:01	1	17.87	0.05	26.35
2021-02-18 13:00:01	1	17.45	0.04	26.36
2021-02-18 14:00:01	1	17.77	0.04	26.38
2021-02-18 15:00:01	1	17.47	0.04	26.53
2021-02-18 16:00:01	1	17.42	0.08	26.70
2021-02-18 17:00:01	1	17.63	0.03	26.35
2021-02-18 18:00:01	1	17.80	0.03	26.60
2021-02-18 19:00:01	1	17.67	0.04	26.79
2021-02-18 20:00:01	1	16.39	0.04	26.97
2021-02-18 21:00:01	1	68.23	0.05	38.14
2021-02-18 22:00:01	1	17.47	0.04	27.19
2021-02-18 23:00:01	1	17.45	0.04	27.21
2021-02-19 00:00:01	1	17.45	0.04	27.20
2021-02-19 01:00:01	1	17.35	0.04	27.58
2021-02-19 02:00:01	1	17.44	0.04	27.18
2021-02-19 03:00:01	1	17.30	0.04	27.12
2021-02-19 04:00:01	1	17.26	0.04	27.28
2021-02-19 05:00:01	1	17.66	0.04	27.16
2021-02-19 06:00:01	1	17.28	0.04	27.15
2021-02-19 07:00:01	1	17.40	0.04	27.25
2021-02-19 08:00:01	1	17.28	0.04	27.05
2021-02-19 09:00:01	1	17.38	0.04	26.88
2021-02-19 10:00:01	1	17.71	0.04	26.94
2021-02-19 11:00:01	1	17.63	0.04	26.84
2021-02-19 12:00:01	1	17.67	0.03	26.71
2021-02-19 13:00:01	1	17.89	0.03	26.65
2021-02-19 14:00:01	1	17.86	0.03	26.57
2021-02-19 15:00:01	1	17.97	0.03	26.37
2021-02-19 16:00:01	1	17.78	0.07	26.05
2021-02-19 17:00:01	1	18.17	0.02	25.40
2021-02-19 18:00:01	1	17.66	0.03	25.35
2021-02-19 19:00:01	1	17.43	0.04	25.64
2021-02-19 20:00:01	1	17.26	0.04	25.66
2021-02-19 21:00:01	1	67.70	0.05	36.73

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-19 22:00:01	1	17.27	0.04	25.87
2021-02-19 23:00:01	1	17.28	0.03	25.89
2021-02-20 00:00:01	1	17.35	0.03	25.98
2021-02-20 01:00:01	1	17.31	0.04	25.94
2021-02-20 02:00:01	1	17.46	0.03	25.93
2021-02-20 03:00:01	1	17.54	0.03	26.03
2021-02-20 04:00:01	1	16.96	0.04	26.20
2021-02-20 05:00:01	1	17.33	0.04	25.93
2021-02-20 06:00:01	1	17.23	0.04	25.75
2021-02-20 07:00:01	1	17.25	0.05	26.13
2021-02-20 08:00:01	1	16.89	0.05	25.96
2021-02-20 09:00:01	1	15.45	0.07	24.73
2021-02-20 10:00:01	1	16.83	0.07	20.70
2021-02-20 11:00:01	1	17.44	0.06	17.40
2021-02-20 12:00:01	1	17.04	0.06	17.05
2021-02-20 13:00:01	1	17.04	0.05	16.78
2021-02-20 14:00:01	1	17.12	0.05	16.84
2021-02-20 15:00:01	1	17.29	0.05	16.99
2021-02-20 16:00:01	1	17.00	0.09	16.97
2021-02-20 17:00:01	1	17.04	0.04	16.92
2021-02-20 18:00:01	1	16.89	0.05	16.90
2021-02-20 19:00:01	1	17.03	0.05	17.55
2021-02-20 20:00:01	1	15.67	0.04	19.76
2021-02-20 21:00:01	1	66.69	0.05	31.96
2021-02-20 22:00:01	1	17.69	0.03	24.15
2021-02-20 23:00:01	1	17.57	0.04	27.31
2021-02-21 00:00:01	1	17.57	0.04	26.34
2021-02-21 01:00:01	1	17.49	0.04	26.33
2021-02-21 02:00:01	1	17.51	0.04	26.26
2021-02-21 03:00:01	1	17.51	0.04	26.50
2021-02-21 04:00:01	1	17.51	0.04	26.51
2021-02-21 05:00:01	1	17.39	0.04	26.46
2021-02-21 06:00:01	1	17.44	0.03	26.32
2021-02-21 07:00:01	1	17.45	0.03	26.67
2021-02-21 08:00:01	1	18.33	0.04	27.12
2021-02-21 09:00:01	1	22.13	0.05	29.81
2021-02-21 10:00:01	1	18.37	0.04	30.67
2021-02-21 11:00:01	1	18.82	0.05	30.89
2021-02-21 12:00:01	1	18.92	0.08	31.51
2021-02-21 13:00:01	1	18.87	0.09	32.96
2021-02-21 14:00:01	1	19.56	0.07	32.60
2021-02-21 15:00:01	1	19.34	0.15	32.95
2021-02-21 16:00:01	1	19.39	0.16	32.46
2021-02-21 17:00:01	1	19.48	0.07	32.56
2021-02-21 18:00:01	1	19.20	0.07	32.89
2021-02-21 19:00:01	1	17.95	0.09	32.59

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-21 20:00:01	1	18.07	0.05	32.66
2021-02-21 21:00:01	1	70.81	0.06	44.06
2021-02-21 22:00:01	1	17.65	0.04	31.40
2021-02-21 23:00:01	1	17.96	0.04	31.73
2021-02-22 00:00:01	1	18.15	0.05	31.14
2021-02-22 01:00:01	1	17.59	0.04	30.39
2021-02-22 02:00:01	1	18.30	0.04	30.26
2021-02-22 03:00:01	1	17.61	0.06	29.98
2021-02-22 04:00:01	1	18.06	0.11	29.48
2021-02-22 05:00:01	1	18.32	0.08	30.16
2021-02-22 06:00:01	1	17.99	0.07	30.17
2021-02-22 07:00:01	1	17.71	0.06	31.77
2021-02-22 08:00:01	1	18.35	0.05	32.37
2021-02-22 09:00:01	1	21.39	0.06	32.38
2021-02-22 10:00:01	1	18.66	0.09	33.01
2021-02-22 11:00:01	1	19.66	0.09	33.10
2021-02-22 12:00:01	1	19.47	0.13	32.42
2021-02-22 13:00:01	1	19.94	0.12	32.09
2021-02-22 14:00:01	1	20.08	0.15	31.55
2021-02-22 15:00:01	1	20.45	0.15	31.65
2021-02-22 16:00:01	1	20.55	0.20	31.85
2021-02-22 17:00:01	1	20.54	0.18	32.67
2021-02-22 18:00:01	1	20.14	0.14	33.44
2021-02-22 19:00:01	1	19.60	0.14	33.43
2021-02-22 20:00:01	1	19.48	0.08	33.63
2021-02-22 21:00:01	1	70.22	0.16	44.79
2021-02-22 22:00:01	1	18.86	0.08	33.03
2021-02-22 23:00:01	1	18.88	0.06	33.11
2021-02-23 00:00:01	1	18.80	0.07	32.72
2021-02-23 01:00:01	1	18.82	0.06	32.74
2021-02-23 02:00:01	1	18.62	0.08	32.75
2021-02-23 03:00:01	1	19.36	0.06	32.67
2021-02-23 04:00:01	1	18.32	0.08	32.90
2021-02-23 05:00:01	1	19.12	0.08	32.56
2021-02-23 06:00:01	1	17.86	0.07	31.99
2021-02-23 07:00:01	1	18.64	0.06	31.58
2021-02-25 08:00:01	1	16.65	0.10	31.37
2021-02-25 09:00:01	1	17.63	0.09	30.95
2021-02-25 10:00:01	1	18.53	0.08	30.00
2021-02-25 11:00:01	1	18.64	0.09	29.04
2021-02-25 12:00:01	1	19.53	0.07	28.73
2021-02-25 13:00:01	1	19.32	0.16	29.14
2021-02-25 14:00:01	1	19.49	0.13	29.60
2021-02-25 15:00:01	1	20.55	0.19	29.45
2021-02-25 16:00:01	1	20.53	0.17	29.73
2021-02-25 17:00:01	1	19.66	0.10	30.08

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-25 18:00:01	1	18.53	0.11	30.50
2021-02-25 19:00:01	1	19.04	0.09	30.44
2021-02-25 20:00:01	1	20.77	0.06	30.07
2021-02-25 21:00:01	1	67.63	0.13	40.53
2021-02-25 22:00:01	1	19.29	0.08	30.13
2021-02-25 23:00:01	1	17.72	0.10	30.77
2021-02-26 00:00:01	1	18.82	0.10	30.72
2021-02-26 01:00:01	1	19.00	0.07	30.86
2021-02-26 02:00:01	1	17.49	0.06	30.98
2021-02-26 03:00:01	1	18.31	0.06	30.70
2021-02-26 04:00:01	1	18.82	0.06	30.49
2021-02-26 05:00:01	1	17.45	0.06	30.76
2021-02-26 06:00:01	1	17.71	0.05	30.43
2021-02-26 07:00:01	1	18.16	0.04	30.19
2021-02-26 08:00:01	1	16.19	0.10	30.57
2021-02-26 09:00:01	1	18.31	0.06	30.72
2021-02-26 10:00:01	1	18.64	0.06	31.85
2021-02-26 11:00:01	1	18.86	0.06	29.44
2021-02-26 12:00:01	1	18.63	0.07	30.14
2021-02-26 13:00:01	1	19.47	0.14	30.47
2021-02-26 14:00:01	1	19.50	0.19	29.85
2021-02-26 15:00:01	1	19.79	0.22	30.35
2021-02-26 16:00:01	1	20.20	0.18	30.04
2021-02-26 17:00:01	1	20.05	0.21	30.76
2021-02-26 18:00:01	1	20.10	0.19	31.09
2021-02-26 19:00:01	1	19.45	0.15	31.25
2021-02-26 20:00:01	1	18.26	0.15	30.78
2021-02-26 21:00:01	1	67.21	0.21	41.49
2021-02-26 22:00:01	1	19.35	0.11	29.83
2021-02-26 23:00:01	1	18.24	0.10	29.92
2021-02-27 00:00:01	1	19.03	0.06	29.54
2021-02-27 01:00:01	1	18.53	0.07	29.71
2021-02-27 02:00:01	1	18.64	0.07	29.70
2021-02-27 03:00:01	1	18.49	0.08	29.88
2021-02-27 04:00:01	1	18.17	0.05	29.78
2021-02-27 05:00:01	1	18.81	0.05	29.69
2021-02-27 06:00:01	1	17.70	0.04	29.52
2021-02-27 07:00:01	1	18.00	0.04	29.36
2021-02-27 08:00:01	1	17.41	0.03	29.10
2021-02-27 09:00:01	1	15.16	0.11	29.66
2021-02-27 10:00:01	1	18.39	0.05	29.75
2021-02-27 11:00:01	1	19.09	0.05	29.60
2021-02-27 12:00:01	1	18.38	0.05	29.56
2021-02-27 13:00:01	1	19.02	0.06	29.51
2021-02-27 14:00:01	1	19.37	0.08	29.67
2021-02-27 15:00:01	1	18.54	0.08	30.02

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-02-27 16:00:01	1	19.71	0.15	29.80
2021-02-27 17:00:01	1	18.27	0.11	30.14
2021-02-27 18:00:01	1	19.37	0.07	29.86
2021-02-27 19:00:01	1	17.93	0.06	30.23
2021-02-27 20:00:01	1	20.09	0.04	29.88
2021-02-27 21:00:01	1	71.72	0.05	40.60
2021-02-27 22:00:01	1	21.22	0.03	29.74
2021-02-27 23:00:01	1	20.92	0.03	29.91
2021-02-28 00:00:01	1	19.69	0.03	29.90
2021-02-28 01:00:01	1	19.14	0.03	29.96
2021-02-28 02:00:01	1	18.84	0.03	30.03
2021-02-28 03:00:01	1	18.14	0.03	29.94
2021-02-28 04:00:01	1	17.16	0.03	30.08
2021-02-28 05:00:01	1	14.56	0.05	30.44
2021-02-28 06:00:01	1	8.15	0.40	31.18
2021-02-28 07:00:01	1	14.66	0.21	30.06
2021-02-28 08:00:01	1	16.84	0.05	29.03
2021-02-28 09:00:01	1	17.66	0.05	27.86
2021-02-28 10:00:01	1	15.48	0.04	21.37
2021-02-28 11:00:01	1	16.66	0.03	20.60
2021-02-28 12:00:01	1	16.68	0.04	20.30
2021-02-28 13:00:01	1	16.95	0.04	20.23
2021-02-28 14:00:01	1	17.04	0.04	19.05
2021-02-28 15:00:01	1	16.63	0.04	18.30
2021-02-28 16:00:01	1	16.82	0.08	17.71
2021-02-28 17:00:01	1	16.55	0.04	17.63
2021-02-28 18:00:01	1	16.50	0.04	17.69
2021-02-28 19:00:01	1	16.65	0.03	17.80
2021-02-28 20:00:01	1	15.45	0.03	17.99
2021-02-28 21:00:01	1	63.16	0.05	28.43
2021-02-28 22:00:01	1	16.40	0.03	18.28
2021-02-28 23:00:01	1	16.41	0.03	18.20
2021-03-01 00:00:01	1	16.36	0.03	18.25
2021-03-01 01:00:01	1	16.41	0.03	18.29
2021-03-01 02:00:01	1	16.41	0.03	18.23
2021-03-01 03:00:01	1	16.27	0.03	18.22
2021-03-01 04:00:01	1	16.30	0.03	18.30
2021-03-01 05:00:01	1	16.55	0.03	18.37
2021-03-01 06:00:01	1	16.33	0.03	18.35
2021-03-01 07:00:01	1	16.54	0.03	18.39
2021-03-01 08:00:01	1	17.39	0.03	18.39
2021-03-01 09:00:01	1	19.94	0.04	18.18
2021-03-01 10:00:01	1	16.52	0.04	18.17
2021-03-01 11:00:01	1	16.41	0.04	18.06
2021-03-01 12:00:01	1	16.62	0.04	17.88
2021-03-01 13:00:01	1	17.35	0.04	16.62

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-01 14:00:01	1	16.58	0.04	15.21
2021-03-01 15:00:01	1	16.13	0.04	15.21
2021-03-01 16:00:01	1	16.79	0.08	15.12
2021-03-01 17:00:01	1	16.21	0.04	15.22
2021-03-01 18:00:01	1	16.51	0.04	15.20
2021-03-01 19:00:01	1	16.35	0.04	15.38
2021-03-01 20:00:01	1	16.11	0.03	15.38
2021-03-01 21:00:01	1	64.32	0.05	26.01
2021-03-01 22:00:01	1	16.69	0.03	15.43
2021-03-01 23:00:01	1	16.33	0.03	15.44
2021-03-02 00:00:01	1	15.60	0.03	15.59
2021-03-02 01:00:01	1	15.90	0.03	15.84
2021-03-02 02:00:01	1	16.48	0.03	15.78
2021-03-02 03:00:01	1	18.77	0.03	15.83
2021-03-02 04:00:01	1	16.35	0.03	16.27
2021-03-02 05:00:01	1	16.51	0.03	16.38
2021-03-02 06:00:01	1	16.60	0.03	16.23
2021-03-02 07:00:01	1	16.59	0.03	16.21
2021-03-02 08:00:01	1	16.42	0.03	16.02
2021-03-02 09:00:01	1	20.46	0.04	15.77
2021-03-02 10:00:01	1	20.89	0.04	15.66
2021-03-02 11:00:01	1	20.00	0.03	15.90
2021-03-02 12:00:01	1	101.78	0.03	117.78
2021-03-02 13:00:01	1	18.45	0.03	19.17
2021-03-02 14:00:01	1	17.24	0.03	18.82
2021-03-02 15:00:01	1	17.28	0.03	18.77
2021-03-02 16:00:01	1	16.95	0.07	18.89
2021-03-02 17:00:01	1	16.75	0.04	18.96
2021-03-02 18:00:01	1	16.63	0.03	19.16
2021-03-02 19:00:01	1	16.75	0.03	19.03
2021-03-02 20:00:01	1	15.39	0.03	18.98
2021-03-02 21:00:01	1	70.35	0.05	31.16
2021-03-02 22:00:01	1	16.55	0.04	17.43
2021-03-02 23:00:01	1	16.91	0.03	17.41
2021-03-03 00:00:01	1	17.20	0.04	17.47
2021-03-03 01:00:01	1	16.95	0.04	17.60
2021-03-03 02:00:01	1	16.89	0.04	17.63
2021-03-03 03:00:01	1	16.46	0.04	17.59
2021-03-03 04:00:01	1	17.65	0.04	17.51
2021-03-03 05:00:01	1	17.03	0.04	17.56
2021-03-03 06:00:01	1	16.97	0.04	17.76
2021-03-03 07:00:01	1	16.71	0.04	17.77
2021-03-03 08:00:01	1	18.92	0.04	17.96
2021-03-03 09:00:01	1	19.10	0.04	17.91
2021-03-03 10:00:01	1	16.80	0.09	18.89
2021-03-03 11:00:01	1	19.07	0.05	18.51

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-03 12:00:01	1	19.18	0.04	17.57
2021-03-03 13:00:01	1	19.55	0.04	17.21
2021-03-03 14:00:01	1	19.03	0.04	16.98
2021-03-03 15:00:01	1	16.36	0.03	16.82
2021-03-03 16:00:01	1	16.57	0.08	16.81
2021-03-03 17:00:01	1	16.69	0.04	16.86
2021-03-03 18:00:01	1	16.43	0.04	16.95
2021-03-03 19:00:01	1	16.04	0.04	17.17
2021-03-03 20:00:01	1	17.55	0.03	17.34
2021-03-03 21:00:01	1	67.43	0.04	28.19
2021-03-03 22:00:01	1	15.97	0.03	17.71
2021-03-03 23:00:01	1	16.20	0.02	17.91
2021-03-04 00:00:01	1	16.00	0.03	17.64
2021-03-04 01:00:01	1	16.21	0.03	17.64
2021-03-04 02:00:01	1	16.06	0.03	18.07
2021-03-04 03:00:01	1	16.27	0.02	17.87
2021-03-04 04:00:01	1	16.25	0.02	17.60
2021-03-04 05:00:01	1	16.17	0.03	17.76
2021-03-04 06:00:01	1	16.33	0.03	17.65
2021-03-04 07:00:01	1	16.39	0.03	17.73
2021-03-04 08:00:01	1	15.86	0.04	17.62
2021-03-04 09:00:01	1	16.04	0.05	17.42
2021-03-04 10:00:01	1	16.37	0.05	18.04
2021-03-04 11:00:01	1	16.53	0.05	19.53
2021-03-04 12:00:01	1	16.58	0.04	20.12
2021-03-04 13:00:01	1	16.59	0.04	20.66
2021-03-04 14:00:01	1	16.81	0.03	20.43
2021-03-04 15:00:01	1	16.88	0.03	20.54
2021-03-04 16:00:01	1	16.90	0.08	20.70
2021-03-04 17:00:01	1	16.60	0.04	20.89
2021-03-04 18:00:01	1	16.58	0.04	21.07
2021-03-04 19:00:01	1	16.39	0.04	21.10
2021-03-04 20:00:01	1	15.62	0.03	21.09
2021-03-04 21:00:01	1	67.59	0.05	32.50
2021-03-04 22:00:01	1	16.36	0.03	21.05
2021-03-04 23:00:01	1	16.16	0.03	21.42
2021-03-05 00:00:01	1	16.12	0.03	21.48
2021-03-05 01:00:01	1	16.21	0.03	21.53
2021-03-05 02:00:01	1	16.27	0.03	21.66
2021-03-05 03:00:01	1	16.14	0.03	21.70
2021-03-05 04:00:01	1	16.53	0.03	21.64
2021-03-05 05:00:01	1	16.48	0.03	21.63
2021-03-05 06:00:01	1	16.22	0.02	21.75
2021-03-05 07:00:01	1	16.34	0.02	21.86
2021-03-05 08:00:01	1	16.03	0.03	21.60
2021-03-05 09:00:01	1	16.82	0.04	21.75

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-05 10:00:01	1	16.79	0.04	22.62
2021-03-05 11:00:01	1	16.91	0.04	22.03
2021-03-05 12:00:01	1	16.66	0.04	21.68
2021-03-05 13:00:01	1	16.75	0.04	21.22
2021-03-05 14:00:01	1	16.81	0.04	21.46
2021-03-05 15:00:01	1	16.88	0.03	21.94
2021-03-05 16:00:01	1	17.05	0.08	22.02
2021-03-05 17:00:01	1	16.63	0.04	22.30
2021-03-05 18:00:01	1	16.71	0.04	22.43
2021-03-05 19:00:01	1	16.41	0.04	23.11
2021-03-05 20:00:01	1	17.31	0.03	24.74
2021-03-05 21:00:01	1	68.97	0.05	38.10
2021-03-05 22:00:01	1	16.58	0.03	27.35
2021-03-05 23:00:01	1	16.68	0.03	28.10
2021-03-06 00:00:01	1	17.17	0.03	28.76
2021-03-06 01:00:01	1	16.94	0.03	30.35
2021-03-06 02:00:01	1	17.03	0.03	30.66
2021-03-06 03:00:01	1	17.12	0.03	30.11
2021-03-06 04:00:01	1	17.39	0.03	30.07
2021-03-06 05:00:01	1	16.44	0.03	30.60
2021-03-06 06:00:01	1	16.88	0.02	30.73
2021-03-06 07:00:01	1	17.10	0.02	31.06
2021-03-06 08:00:01	1	17.30	0.03	30.82
2021-03-06 09:00:01	1	17.56	0.05	31.25
2021-03-06 10:00:01	1	17.36	0.04	30.81
2021-03-06 11:00:01	1	17.65	0.05	31.24
2021-03-06 12:00:01	1	17.32	0.05	31.53
2021-03-06 13:00:01	1	18.05	0.06	31.27
2021-03-06 14:00:01	1	17.98	0.05	31.12
2021-03-06 15:00:01	1	17.97	0.07	31.36
2021-03-06 16:00:01	1	18.77	0.11	31.90
2021-03-06 17:00:01	1	17.69	0.09	32.15
2021-03-06 18:00:01	1	18.15	0.06	32.62
2021-03-06 19:00:01	1	17.77	0.06	32.25
2021-03-06 20:00:01	1	15.97	0.09	32.44
2021-03-06 21:00:01	1	69.82	0.08	43.85
2021-03-06 22:00:01	1	17.26	0.04	31.85
2021-03-06 23:00:01	1	17.23	0.04	31.62
2021-03-07 00:00:01	1	16.67	0.04	31.43
2021-03-07 01:00:01	1	17.22	0.04	31.31
2021-03-07 02:00:01	1	17.67	0.03	31.30
2021-03-07 03:00:01	1	16.66	0.03	31.26
2021-03-07 04:00:01	1	16.98	0.04	31.40
2021-03-07 05:00:01	1	17.81	0.04	30.72
2021-03-07 06:00:01	1	16.55	0.03	30.73
2021-03-07 07:00:01	1	16.82	0.04	31.35

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-07 08:00:01	1	19.47	0.05	32.26
2021-03-07 09:00:01	1	16.30	0.28	33.25
2021-03-07 10:00:01	1	17.64	0.12	32.91
2021-03-07 11:00:01	1	16.84	0.12	32.77
2021-03-07 12:00:01	1	16.62	0.12	32.63
2021-03-07 13:00:01	1	17.64	0.09	32.52
2021-03-07 14:00:01	1	16.69	0.13	32.32
2021-03-07 15:00:01	1	16.95	0.13	32.58
2021-03-07 16:00:01	1	17.57	0.17	32.98
2021-03-07 17:00:01	1	17.67	0.16	33.97
2021-03-07 18:00:01	1	17.00	0.20	34.53
2021-03-07 19:00:01	1	16.74	0.12	34.01
2021-03-07 20:00:01	1	16.10	0.08	33.94
2021-03-07 21:00:01	1	69.98	0.09	44.96
2021-03-07 22:00:01	1	16.39	0.05	31.73
2021-03-07 23:00:01	1	15.76	0.05	31.76
2021-03-08 00:00:01	1	16.47	0.04	31.67
2021-03-08 01:00:01	1	16.06	0.04	31.85
2021-03-08 02:00:01	1	15.84	0.04	31.59
2021-03-08 03:00:01	1	16.33	0.04	32.15
2021-03-08 04:00:01	1	16.34	0.04	31.69
2021-03-08 05:00:01	1	15.73	0.04	32.01
2021-03-08 06:00:01	1	15.86	0.03	31.77
2021-03-08 07:00:01	1	16.58	0.03	31.77
2021-03-08 08:00:01	1	15.50	0.05	31.77
2021-03-08 09:00:01	1	17.40	0.06	32.52
2021-03-08 10:00:01	1	16.08	0.07	31.76
2021-03-08 11:00:01	1	16.76	0.06	31.91
2021-03-08 12:00:01	1	16.46	0.09	31.94
2021-03-08 13:00:01	1	16.75	0.09	32.14
2021-03-08 14:00:01	1	17.63	0.11	31.71
2021-03-08 15:00:01	1	16.66	0.17	32.03
2021-03-08 16:00:01	1	16.92	0.17	32.14
2021-03-08 17:00:01	1	17.65	0.11	32.08
2021-03-08 18:00:01	1	16.41	0.13	32.36
2021-03-08 19:00:01	1	16.99	0.06	31.96
2021-03-08 20:00:01	1	19.23	0.05	31.93
2021-03-08 21:00:01	1	67.61	0.09	43.81
2021-03-08 22:00:01	1	16.51	0.04	32.37
2021-03-08 23:00:01	1	16.51	0.05	32.01
2021-03-09 00:00:01	1	15.37	0.06	32.27
2021-03-09 01:00:01	1	16.90	0.09	31.73
2021-03-09 02:00:01	1	15.86	0.05	31.15
2021-03-09 03:00:01	1	16.26	0.04	30.83
2021-03-09 04:00:01	1	15.91	0.04	31.07
2021-03-09 05:00:01	1	15.96	0.04	31.06

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-09 06:00:01	1	16.34	0.04	30.36
2021-03-09 07:00:01	1	15.87	0.03	27.62
2021-03-09 08:00:01	1	15.66	0.04	27.76
2021-03-09 09:00:01	1	16.83	0.05	26.78
2021-03-09 10:00:01	1	15.64	0.13	27.78
2021-03-09 11:00:01	1	22.08	0.06	26.09
2021-03-09 12:00:01	1	15.94	0.08	26.14
2021-03-09 13:00:01	1	14.17	0.17	26.58
2021-03-09 14:00:01	1	13.21	0.24	26.88
2021-03-09 15:00:01	1	15.46	0.10	26.33
2021-03-09 16:00:01	1	20.29	0.09	25.72
2021-03-09 17:00:01	1	16.29	0.14	26.41
2021-03-09 18:00:01	1	16.58	0.08	26.18
2021-03-09 19:00:01	1	16.13	0.09	26.33
2021-03-09 20:00:01	1	14.26	0.16	26.50
2021-03-09 21:00:01	1	68.37	0.09	37.92
2021-03-09 22:00:01	1	15.11	0.04	26.13
2021-03-09 23:00:01	1	15.80	0.04	26.11
2021-03-10 00:00:01	1	15.64	0.04	26.14
2021-03-10 01:00:01	1	15.85	0.04	26.05
2021-03-10 02:00:01	1	15.36	0.04	25.91
2021-03-10 03:00:01	1	15.94	0.04	26.12
2021-03-10 04:00:01	1	15.60	0.04	26.19
2021-03-10 05:00:01	1	15.80	0.04	26.51
2021-03-10 06:00:01	1	15.58	0.04	29.40
2021-03-10 07:00:01	1	15.54	0.04	29.08
2021-03-10 08:00:01	1	18.09	0.04	28.88
2021-03-10 09:00:01	1	15.69	0.05	28.99
2021-03-10 10:00:01	1	16.55	0.05	28.87
2021-03-10 11:00:01	1	16.02	0.10	28.81
2021-03-10 12:00:01	1	17.51	0.10	28.68
2021-03-10 13:00:01	1	16.99	0.12	29.54
2021-03-10 14:00:01	1	17.25	0.16	30.93
2021-03-10 15:00:01	1	18.28	0.17	30.89
2021-03-10 16:00:01	1	18.19	0.22	31.45
2021-03-10 17:00:01	1	18.04	0.20	31.24
2021-03-10 18:00:01	1	17.78	0.22	31.54
2021-03-10 19:00:01	1	17.02	0.25	31.24
2021-03-10 20:00:01	1	16.18	0.25	30.47
2021-03-10 21:00:01	1	71.28	0.20	41.35
2021-03-10 22:00:01	1	17.50	0.09	30.04
2021-03-10 23:00:01	1	15.79	0.13	29.43
2021-03-11 00:00:01	1	17.03	0.09	29.37
2021-03-11 01:00:01	1	16.09	0.09	29.27
2021-03-11 02:00:01	1	16.31	0.06	28.85
2021-03-11 03:00:01	1	17.03	0.13	29.71

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-11 04:00:01	1	16.47	0.09	29.43
2021-03-11 05:00:01	1	16.38	0.04	28.84
2021-03-11 06:00:01	1	15.98	0.05	29.03
2021-03-11 07:00:01	1	16.09	0.07	30.05
2021-03-11 08:00:01	1	15.16	0.21	30.70
2021-03-11 09:00:01	1	18.13	0.16	30.04
2021-03-11 10:00:01	1	18.01	0.19	29.93
2021-03-11 11:00:01	1	18.23	0.22	30.00
2021-03-11 12:00:01	1	19.29	0.15	29.28
2021-03-11 13:00:01	1	18.40	0.24	28.98
2021-03-11 14:00:01	1	19.34	0.10	28.17
2021-03-11 15:00:01	1	18.66	0.10	28.18
2021-03-11 16:00:01	1	19.43	0.14	28.38
2021-03-11 17:00:01	1	18.36	0.12	28.59
2021-03-11 18:00:01	1	18.95	0.07	28.84
2021-03-11 19:00:01	1	17.48	0.05	29.03
2021-03-11 20:00:01	1	21.32	0.06	28.95
2021-03-11 21:00:01	1	71.21	0.08	40.47
2021-03-11 22:00:01	1	17.63	0.05	28.93
2021-03-11 23:00:01	1	18.01	0.05	28.58
2021-03-12 00:00:01	1	17.50	0.05	28.61
2021-03-12 01:00:01	1	17.98	0.05	28.32
2021-03-12 02:00:01	1	18.05	0.05	28.30
2021-03-12 03:00:01	1	17.60	0.05	28.24
2021-03-12 04:00:01	1	18.07	0.05	28.37
2021-03-12 05:00:01	1	17.97	0.05	28.59
2021-03-12 06:00:01	1	17.62	0.05	28.40
2021-03-12 07:00:01	1	18.07	0.04	28.55
2021-03-12 08:00:01	1	16.61	0.05	28.61
2021-03-12 09:00:01	1	16.95	0.05	28.35
2021-03-12 10:00:01	1	18.73	0.18	29.02
2021-03-12 11:00:01	1	17.55	0.03	28.36
2021-03-12 12:00:01	1	17.90	0.03	28.05
2021-03-12 13:00:01	1	17.64	0.04	27.27
2021-03-12 14:00:01	1	19.00	0.04	27.44
2021-03-12 15:00:01	1	18.85	0.05	27.28
2021-03-12 16:00:01	1	19.33	0.14	30.01
2021-03-12 17:00:01	1	16.84	0.14	25.31
2021-03-12 18:00:01	1	17.72	0.04	18.81
2021-03-12 19:00:01	1	16.85	0.03	17.02
2021-03-12 20:00:01	1	17.99	0.03	16.64
2021-03-12 21:00:01	1	70.44	0.06	28.28
2021-03-12 22:00:01	1	17.98	0.05	17.20
2021-03-12 23:00:01	1	18.28	0.08	18.00
2021-03-13 00:00:01	0.793055556	21.19	0.46	20.42
2021-03-13 01:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-13 02:00:01	0	0.00	0.00	0.00
2021-03-13 03:00:01	0	0.00	0.00	0.00
2021-03-13 04:00:01	0	0.00	0.00	0.00
2021-03-13 05:00:01	0	0.00	0.00	0.00
2021-03-13 06:00:01	0	0.00	0.00	0.00
2021-03-13 07:00:01	0	0.00	0.00	0.00
2021-03-13 08:00:01	0	0.00	0.00	0.00
2021-03-13 09:00:01	0	0.00	0.00	0.00
2021-03-13 10:00:01	0	0.00	0.00	0.00
2021-03-13 11:00:01	0	0.00	0.00	0.00
2021-03-13 12:00:01	0	0.00	0.00	0.00
2021-03-13 13:00:01	0	0.00	0.00	0.00
2021-03-13 14:00:01	0	0.00	0.00	0.00
2021-03-13 15:00:01	0	0.00	0.00	0.00
2021-03-13 16:00:01	0	0.00	0.00	0.00
2021-03-13 17:00:01	0	0.00	0.00	0.00
2021-03-13 18:00:01	0	0.00	0.00	0.00
2021-03-13 19:00:01	0	0.00	0.00	0.00
2021-03-13 20:00:01	0	0.00	0.00	0.00
2021-03-13 21:00:01	0	0.00	0.00	0.00
2021-03-13 22:00:01	0	0.00	0.00	0.00
2021-03-13 23:00:01	0	0.00	0.00	0.00
2021-03-14 00:00:01	0	0.00	0.00	0.00
2021-03-14 01:00:01	0	0.00	0.00	0.00
2021-03-14 02:00:01	0	0.00	0.00	0.00
2021-03-14 03:00:01	0	0.00	0.00	0.00
2021-03-14 04:00:01	0	0.00	0.00	0.00
2021-03-14 05:00:01	0	0.00	0.00	0.00
2021-03-14 06:00:01	0	0.00	0.00	0.00
2021-03-14 07:00:01	0	0.00	0.00	0.00
2021-03-14 08:00:01	0	0.00	0.00	0.00
2021-03-14 09:00:01	0	0.00	0.00	0.00
2021-03-14 10:00:01	0	0.00	0.00	0.00
2021-03-14 11:00:01	0	0.00	0.00	0.00
2021-03-14 12:00:01	0	0.00	0.00	0.00
2021-03-14 13:00:01	0	0.00	0.00	0.00
2021-03-14 14:00:01	0	0.00	0.00	0.00
2021-03-14 15:00:01	0	0.00	0.00	0.00
2021-03-14 16:00:01	0	0.00	0.00	0.00
2021-03-14 17:00:01	0	0.00	0.00	0.00
2021-03-14 18:00:01	0	0.00	0.00	0.00
2021-03-14 19:00:01	0	0.00	0.00	0.00
2021-03-14 20:00:01	0	0.00	0.00	0.00
2021-03-14 21:00:01	0	0.00	0.00	0.00
2021-03-14 22:00:01	0	0.00	0.00	0.00
2021-03-14 23:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-15 00:00:01	0	0.00	0.00	0.00
2021-03-15 01:00:01	0	0.00	0.00	0.00
2021-03-15 02:00:01	0	0.00	0.00	0.00
2021-03-15 03:00:01	0	0.00	0.00	0.00
2021-03-15 04:00:01	0	0.00	0.00	0.00
2021-03-15 05:00:01	0	0.00	0.00	0.00
2021-03-15 06:00:01	0	0.00	0.00	0.00
2021-03-15 07:00:01	0	0.00	0.00	0.00
2021-03-15 08:00:01	0	0.00	0.00	0.00
2021-03-15 09:00:01	0	0.00	0.00	0.00
2021-03-15 10:00:01	0	0.00	0.00	0.00
2021-03-15 11:00:01	0	0.00	0.00	0.00
2021-03-15 12:00:01	0	0.00	0.00	0.00
2021-03-15 13:00:01	0	0.00	0.00	0.00
2021-03-15 14:00:01	0	0.00	0.00	0.00
2021-03-15 15:00:01	0	0.00	0.00	0.00
2021-03-15 16:00:01	0	0.00	0.00	0.00
2021-03-15 17:00:01	0	0.00	0.00	0.00
2021-03-15 18:00:01	0	0.00	0.00	0.00
2021-03-15 19:00:01	0	0.00	0.00	0.00
2021-03-15 20:00:01	0	0.00	0.00	0.00
2021-03-15 21:00:01	0	0.00	0.00	0.00
2021-03-15 22:00:01	0	0.00	0.00	0.00
2021-03-15 23:00:01	0	0.00	0.00	0.00
2021-03-16 00:00:01	0	0.00	0.00	0.00
2021-03-16 01:00:01	0	0.00	0.00	0.00
2021-03-16 02:00:01	0	0.00	0.00	0.00
2021-03-16 03:00:01	0	0.00	0.00	0.00
2021-03-16 04:00:01	0	0.00	0.00	0.00
2021-03-16 05:00:01	0	0.00	0.00	0.00
2021-03-16 06:00:01	0	0.00	0.00	0.00
2021-03-16 07:00:01	0	0.00	0.00	0.00
2021-03-16 08:00:01	0	0.00	0.00	0.00
2021-03-16 09:00:01	0	0.00	0.00	0.00
2021-03-16 10:00:01	0	0.00	0.00	0.00
2021-03-16 11:00:01	0	0.00	0.00	0.00
2021-03-16 12:00:01	0	0.00	0.00	0.00
2021-03-16 13:00:01	0	0.00	0.00	0.00
2021-03-16 14:00:01	0	0.00	0.00	0.00
2021-03-16 15:00:01	0	0.00	0.00	0.00
2021-03-16 16:00:01	0	0.00	0.00	0.00
2021-03-16 17:00:01	0	0.00	0.00	0.00
2021-03-16 18:00:01	0	0.00	0.00	0.00
2021-03-16 19:00:01	0	0.00	0.00	0.00
2021-03-16 20:00:01	0	0.00	0.00	0.00
2021-03-16 21:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-16 22:00:01	0	0.00	0.00	0.00
2021-03-16 23:00:01	0	0.00	0.00	0.00
2021-03-17 00:00:01	0	0.00	0.00	0.00
2021-03-17 01:00:01	0	0.00	0.00	0.00
2021-03-17 02:00:01	0	0.00	0.00	0.00
2021-03-17 03:00:01	0	0.00	0.00	0.00
2021-03-17 04:00:01	0	0.00	0.00	0.00
2021-03-17 05:00:01	0	0.00	0.00	0.00
2021-03-17 06:00:01	0	0.00	0.00	0.00
2021-03-17 07:00:01	0	0.00	0.00	0.00
2021-03-17 08:00:01	0	0.00	0.00	0.00
2021-03-17 09:00:01	0	0.00	0.00	0.00
2021-03-17 10:00:01	0	0.00	0.00	0.00
2021-03-17 11:00:01	0	0.00	0.00	0.00
2021-03-17 12:00:01	0	0.00	0.00	0.00
2021-03-17 13:00:01	0	0.00	0.00	0.00
2021-03-17 14:00:01	0	0.00	0.00	0.00
2021-03-17 15:00:01	0	0.00	0.00	0.00
2021-03-17 16:00:01	0	0.00	0.00	0.00
2021-03-17 17:00:01	0	0.00	0.00	0.00
2021-03-17 18:00:01	0	0.00	0.00	0.00
2021-03-17 19:00:01	0	0.00	0.00	0.00
2021-03-17 20:00:01	0	0.00	0.00	0.00
2021-03-17 21:00:01	0	0.00	0.00	0.00
2021-03-17 22:00:01	0	0.00	0.00	0.00
2021-03-17 23:00:01	0	0.00	0.00	0.00
2021-03-18 00:00:01	0	0.00	0.00	0.00
2021-03-18 01:00:01	0	0.00	0.00	0.00
2021-03-18 02:00:01	0	0.00	0.00	0.00
2021-03-18 03:00:01	0	0.00	0.00	0.00
2021-03-18 04:00:01	0	0.00	0.00	0.00
2021-03-18 05:00:01	0	0.00	0.00	0.00
2021-03-18 06:00:01	0	0.00	0.00	0.00
2021-03-18 07:00:01	0	0.00	0.00	0.00
2021-03-18 08:00:01	0	0.00	0.00	0.00
2021-03-18 09:00:01	0	0.00	0.00	0.00
2021-03-18 10:00:01	0	0.00	0.00	0.00
2021-03-18 11:00:01	0	0.00	0.00	0.00
2021-03-18 12:00:01	0	0.00	0.00	0.00
2021-03-18 13:00:01	0	0.00	0.00	0.00
2021-03-18 14:00:01	0	0.00	0.00	0.00
2021-03-18 15:00:01	0	0.00	0.00	0.00
2021-03-18 16:00:01	0	0.00	0.00	0.00
2021-03-18 17:00:01	0	0.00	0.00	0.00
2021-03-18 18:00:01	0	0.00	0.00	0.00
2021-03-18 19:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-18 20:00:01	0	0.00	0.00	0.00
2021-03-18 21:00:01	0	0.00	0.00	0.00
2021-03-18 22:00:01	0	0.00	0.00	0.00
2021-03-18 23:00:01	0	0.00	0.00	0.00
2021-03-19 00:00:01	0	0.00	0.00	0.00
2021-03-19 01:00:01	0	0.00	0.00	0.00
2021-03-19 02:00:01	0	0.00	0.00	0.00
2021-03-19 03:00:01	0	0.00	0.00	0.00
2021-03-19 04:00:01	0	0.00	0.00	0.00
2021-03-19 05:00:01	0	0.00	0.00	0.00
2021-03-19 06:00:01	0	0.00	0.00	0.00
2021-03-19 07:00:01	0	0.00	0.00	0.00
2021-03-19 08:00:01	0	0.00	0.00	0.00
2021-03-19 09:00:01	0	0.00	0.00	0.00
2021-03-19 10:00:01	0	0.00	0.00	0.00
2021-03-19 11:00:01	0	0.00	0.00	0.00
2021-03-19 12:00:01	0	0.00	0.00	0.00
2021-03-19 13:00:01	0	0.00	0.00	0.00
2021-03-19 14:00:01	0	0.00	0.00	0.00
2021-03-19 15:00:01	0	0.00	0.00	0.00
2021-03-19 16:00:01	0	0.00	0.00	0.00
2021-03-19 17:00:01	0	0.00	0.00	0.00
2021-03-19 18:00:01	0	0.00	0.00	0.00
2021-03-19 19:00:01	0	0.00	0.00	0.00
2021-03-19 20:00:01	0	0.00	0.00	0.00
2021-03-19 21:00:01	0	0.00	0.00	0.00
2021-03-19 22:00:01	0	0.00	0.00	0.00
2021-03-19 23:00:01	0	0.00	0.00	0.00
2021-03-20 00:00:01	0	0.00	0.00	0.00
2021-03-20 01:00:01	0	0.00	0.00	0.00
2021-03-20 02:00:01	0	0.00	0.00	0.00
2021-03-20 03:00:01	0	0.00	0.00	0.00
2021-03-20 04:00:01	0	0.00	0.00	0.00
2021-03-20 05:00:01	0	0.00	0.00	0.00
2021-03-20 06:00:01	0	0.00	0.00	0.00
2021-03-20 07:00:01	0	0.00	0.00	0.00
2021-03-20 08:00:01	0	0.00	0.00	0.00
2021-03-20 09:00:01	0	0.00	0.00	0.00
2021-03-20 10:00:01	0	0.00	0.00	0.00
2021-03-20 11:00:01	0	0.00	0.00	0.00
2021-03-20 12:00:01	0	0.00	0.00	0.00
2021-03-20 13:00:01	0	0.00	0.00	0.00
2021-03-20 14:00:01	0	0.00	0.00	0.00
2021-03-20 15:00:01	0	0.00	0.00	0.00
2021-03-20 16:00:01	0	0.00	0.00	0.00
2021-03-20 17:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-20 18:00:01	0	0.00	0.00	0.00
2021-03-20 19:00:01	0	0.00	0.00	0.00
2021-03-20 20:00:01	0	0.00	0.00	0.00
2021-03-20 21:00:01	0	0.00	0.00	0.00
2021-03-20 22:00:01	0	0.00	0.00	0.00
2021-03-20 23:00:01	0	0.00	0.00	0.00
2021-03-21 00:00:01	0	0.00	0.00	0.00
2021-03-21 01:00:01	0	0.00	0.00	0.00
2021-03-21 02:00:01	0	0.00	0.00	0.00
2021-03-21 03:00:01	0	0.00	0.00	0.00
2021-03-21 04:00:01	0	0.00	0.00	0.00
2021-03-21 05:00:01	0	0.00	0.00	0.00
2021-03-21 06:00:01	0	0.00	0.00	0.00
2021-03-21 07:00:01	0	0.00	0.00	0.00
2021-03-21 08:00:01	0	0.00	0.00	0.00
2021-03-21 09:00:01	0	0.00	0.00	0.00
2021-03-21 10:00:01	0	0.00	0.00	0.00
2021-03-21 11:00:01	0	0.00	0.00	0.00
2021-03-21 12:00:01	0	0.00	0.00	0.00
2021-03-21 13:00:01	0	0.00	0.00	0.00
2021-03-21 14:00:01	0	0.00	0.00	0.00
2021-03-21 15:00:01	0	0.00	0.00	0.00
2021-03-21 16:00:01	0	0.00	0.00	0.00
2021-03-21 17:00:01	0	0.00	0.00	0.00
2021-03-21 18:00:01	0	0.00	0.00	0.00
2021-03-21 19:00:01	0	0.00	0.00	0.00
2021-03-21 20:00:01	0	0.00	0.00	0.00
2021-03-21 21:00:01	0	0.00	0.00	0.00
2021-03-21 22:00:01	0	0.00	0.00	0.00
2021-03-21 23:00:01	0	0.00	0.00	0.00
2021-03-22 00:00:01	0	0.00	0.00	0.00
2021-03-22 01:00:01	0	0.00	0.00	0.00
2021-03-22 02:00:01	0	0.00	0.00	0.00
2021-03-22 03:00:01	0	0.00	0.00	0.00
2021-03-22 04:00:01	0	0.00	0.00	0.00
2021-03-22 05:00:01	0	0.00	0.00	0.00
2021-03-22 06:00:01	0	0.00	0.00	0.00
2021-03-22 07:00:01	0	0.00	0.00	0.00
2021-03-22 08:00:01	0	0.00	0.00	0.00
2021-03-22 09:00:01	0.01527778	0.00	0.00	0.00
2021-03-22 10:00:01	0	0.00	0.00	0.00
2021-03-22 11:00:01	0	0.00	0.00	0.00
2021-03-22 12:00:01	0	0.00	0.00	0.00
2021-03-22 13:00:01	0	0.00	0.00	0.00
2021-03-22 14:00:01	0	0.00	0.00	0.00
2021-03-22 15:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-22 16:00:01	0	0.00	0.00	0.00
2021-03-22 17:00:01	0	0.00	0.00	0.00
2021-03-22 18:00:01	0	0.00	0.00	0.00
2021-03-22 19:00:01	0	0.00	0.00	0.00
2021-03-22 20:00:01	0	0.00	0.00	0.00
2021-03-22 21:00:01	0	0.00	0.00	0.00
2021-03-22 22:00:01	0	0.00	0.00	0.00
2021-03-22 23:00:01	0	0.00	0.00	0.00
2021-03-23 00:00:01	0	0.00	0.00	0.00
2021-03-23 01:00:01	0	0.00	0.00	0.00
2021-03-23 02:00:01	0	0.00	0.00	0.00
2021-03-23 03:00:01	0	0.00	0.00	0.00
2021-03-23 04:00:01	0	0.00	0.00	0.00
2021-03-23 05:00:01	0	0.00	0.00	0.00
2021-03-23 06:00:01	0	0.00	0.00	0.00
2021-03-23 07:00:01	0	0.00	0.00	0.00
2021-03-23 08:00:01	0	0.00	0.00	0.00
2021-03-23 09:00:01	0	0.00	0.00	0.00
2021-03-23 10:00:01	0	0.00	0.00	0.00
2021-03-23 11:00:01	0	0.00	0.00	0.00
2021-03-23 12:00:01	0	0.00	0.00	0.00
2021-03-23 13:00:01	0	0.00	0.00	0.00
2021-03-23 14:00:01	0	0.00	0.00	0.00
2021-03-23 15:00:01	0	0.00	0.00	0.00
2021-03-23 16:00:01	0	0.00	0.00	0.00
2021-03-23 17:00:01	0	0.00	0.00	0.00
2021-03-23 18:00:01	0	0.00	0.00	0.00
2021-03-23 19:00:01	0	0.00	0.00	0.00
2021-03-23 20:00:01	0	0.00	0.00	0.00
2021-03-23 21:00:01	0	0.00	0.00	0.00
2021-03-23 22:00:01	0	0.00	0.00	0.00
2021-03-23 23:00:01	0	0.00	0.00	0.00
2021-03-24 00:00:01	0	0.00	0.00	0.00
2021-03-24 01:00:01	0	0.00	0.00	0.00
2021-03-24 02:00:01	0.158055556	0.00	0.00	0.00
2021-03-24 03:00:01	1	211.64	0.15	33.81
2021-03-24 04:00:01	1	246.07	0.14	13.58
2021-03-24 05:00:01	1	223.98	0.08	12.00
2021-03-24 06:00:01	1	32.52	0.06	11.06
2021-03-24 07:00:01	1	19.51	0.06	10.25
2021-03-24 08:00:01	1	19.91	0.10	7.52
2021-03-24 09:00:01	1	26.10	1.03	9.97
2021-03-24 10:00:01	1	43.20	0.73	12.03
2021-03-24 11:00:01	1	28.41	0.34	6.63
2021-03-24 12:00:01	1	9.74	0.79	7.17
2021-03-24 13:00:01	1	14.88	0.11	5.28

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-24 14:00:01	1	15.41	0.09	4.97
2021-03-24 15:00:01	1	16.87	0.07	5.04
2021-03-24 16:00:01	1	15.63	0.10	5.04
2021-03-24 17:00:01	1	17.37	0.06	5.01
2021-03-24 18:00:01	1	17.09	0.05	5.05
2021-03-24 19:00:01	1	16.75	0.05	5.04
2021-03-24 20:00:01	1	16.12	0.05	4.93
2021-03-24 21:00:01	1	64.46	0.06	16.04
2021-03-24 22:00:01	1	16.54	0.04	4.92
2021-03-24 23:00:01	1	16.61	0.04	4.91
2021-03-25 00:00:01	1	16.43	0.04	4.86
2021-03-25 01:00:01	1	17.10	0.04	4.31
2021-03-25 02:00:01	1	16.52	0.04	4.38
2021-03-25 03:00:01	1	16.45	0.04	4.40
2021-03-25 04:00:01	1	16.56	0.04	4.40
2021-03-25 05:00:01	1	16.75	0.03	4.41
2021-03-25 06:00:01	1	16.43	0.03	4.40
2021-03-25 07:00:01	1	16.66	0.04	4.40
2021-03-25 08:00:01	1	17.47	0.05	4.36
2021-03-25 09:00:01	1	18.79	0.07	4.23
2021-03-25 10:00:01	1	16.98	0.06	4.20
2021-03-25 11:00:01	1	21.99	0.05	4.17
2021-03-25 12:00:01	1	24.62	0.06	4.01
2021-03-25 13:00:01	1	27.13	0.06	4.00
2021-03-25 14:00:01	1	17.97	0.06	4.02
2021-03-25 15:00:01	1	15.94	0.05	4.01
2021-03-25 16:00:01	1	16.07	0.08	4.01
2021-03-25 17:00:01	1	15.99	0.05	4.00
2021-03-25 18:00:01	1	15.86	0.05	4.00
2021-03-25 19:00:01	1	15.87	0.04	4.09
2021-03-25 20:00:01	1	15.27	0.03	4.12
2021-03-25 21:00:01	1	64.40	0.05	15.05
2021-03-25 22:00:01	1	16.24	0.04	4.20
2021-03-25 23:00:01	1	16.25	0.03	4.20
2021-03-26 00:00:01	1	16.61	0.03	4.18
2021-03-26 01:00:01	1	16.28	0.03	4.18
2021-03-26 02:00:01	1	16.08	0.03	4.18
2021-03-26 03:00:01	1	16.75	0.03	4.18
2021-03-26 04:00:01	1	16.43	0.03	4.18
2021-03-26 05:00:01	1	16.31	0.03	4.20
2021-03-26 06:00:01	1	16.16	0.03	4.17
2021-03-26 07:00:01	1	16.17	0.04	4.19
2021-03-26 08:00:01	1	16.23	0.05	4.13
2021-03-26 09:00:01	1	16.10	0.06	4.06
2021-03-26 10:00:01	1	48.86	0.05	3.61
2021-03-26 11:00:01	1	85.49	0.05	46.12

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-26 12:00:01	1	16.13	0.06	4.73
2021-03-26 13:00:01	1	17.70	0.05	4.43
2021-03-26 14:00:01	1	16.68	0.05	4.32
2021-03-26 15:00:01	1	17.31	0.04	4.27
2021-03-26 16:00:01	1	17.43	0.07	4.32
2021-03-26 17:00:01	1	17.65	0.04	4.37
2021-03-26 18:00:01	1	17.26	0.04	4.43
2021-03-26 19:00:01	1	17.47	0.04	4.52
2021-03-26 20:00:01	1	18.87	0.04	4.54
2021-03-26 21:00:01	1	69.48	0.06	16.65
2021-03-26 22:00:01	1	15.58	0.04	4.05
2021-03-26 23:00:01	1	15.84	0.04	4.10
2021-03-27 00:00:01	1	15.89	0.04	4.10
2021-03-27 01:00:01	1	15.77	0.04	4.09
2021-03-27 02:00:01	1	15.13	0.04	4.13
2021-03-27 03:00:01	1	16.22	0.03	4.28
2021-03-27 04:00:01	1	15.83	0.03	4.26
2021-03-27 05:00:01	1	15.60	0.03	4.15
2021-03-27 06:00:01	1	15.68	0.04	4.13
2021-03-27 07:00:01	1	15.37	0.04	4.18
2021-03-27 08:00:01	1	17.40	0.05	4.16
2021-03-27 09:00:01	1	16.37	0.07	4.08
2021-03-27 10:00:01	1	15.36	0.06	4.21
2021-03-27 11:00:01	1	15.81	0.08	4.11
2021-03-27 12:00:01	1	15.43	0.06	4.03
2021-03-27 13:00:01	1	16.43	0.05	3.93
2021-03-27 14:00:01	1	17.00	0.06	3.96
2021-03-27 15:00:01	1	15.93	0.06	4.20
2021-03-27 16:00:01	1	16.50	0.09	3.96
2021-03-27 17:00:01	1	16.79	0.05	4.08
2021-03-27 18:00:01	1	15.81	0.05	4.26
2021-03-27 19:00:01	1	15.55	0.05	4.04
2021-03-27 20:00:01	1	16.12	0.05	4.01
2021-03-27 21:00:01	1	67.84	0.07	14.90
2021-03-27 22:00:01	1	16.44	0.05	4.04
2021-03-27 23:00:01	1	16.25	0.05	4.13
2021-03-28 00:00:01	1	16.15	0.05	4.32
2021-03-28 01:00:01	1	16.29	0.05	4.40
2021-03-28 02:00:01	1	15.86	0.05	4.38
2021-03-28 03:00:01	1	16.17	0.05	4.63
2021-03-28 04:00:01	1	16.22	0.05	4.57
2021-03-28 05:00:01	1	16.71	0.09	4.92
2021-03-28 06:00:01	1	15.57	0.08	5.16
2021-03-28 07:00:01	1	15.34	0.14	5.74
2021-03-28 08:00:01	1	16.25	0.08	5.69
2021-03-28 09:00:01	1	16.76	0.19	6.20

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-28 10:00:01	1	18.05	0.20	7.03
2021-03-28 11:00:01	1	20.49	0.29	8.07
2021-03-28 12:00:01	1	23.70	0.25	8.65
2021-03-28 13:00:01	1	24.09	0.34	9.18
2021-03-28 14:00:01	1	24.55	0.29	8.76
2021-03-28 15:00:01	1	24.17	0.32	9.52
2021-03-28 16:00:01	1	24.25	0.29	8.83
2021-03-28 17:00:01	1	23.72	0.24	8.82
2021-03-28 18:00:01	1	23.05	0.30	8.53
2021-03-28 19:00:01	1	21.41	0.16	7.96
2021-03-28 20:00:01	1	21.61	0.12	6.84
2021-03-28 21:00:01	1	69.96	0.22	18.09
2021-03-28 22:00:01	1	21.82	0.11	6.16
2021-03-28 23:00:01	1	19.06	0.27	7.23
2021-03-29 00:00:01	1	18.00	0.46	8.15
2021-03-29 01:00:01	1	19.84	0.37	7.96
2021-03-29 02:00:01	1	17.40	0.48	8.26
2021-03-29 03:00:01	1	18.07	0.26	7.12
2021-03-29 04:00:01	1	17.89	0.18	6.72
2021-03-29 05:00:01	1	17.73	0.11	6.12
2021-03-29 06:00:01	1	17.79	0.12	5.71
2021-03-29 07:00:01	1	18.08	0.15	5.66
2021-03-29 08:00:01	1	20.04	0.15	5.74
2021-03-29 09:00:01	1	17.98	0.31	6.73
2021-03-29 10:00:01	1	19.89	0.23	7.00
2021-03-29 11:00:01	1	21.84	0.24	7.67
2021-03-29 12:00:01	1	22.53	0.34	8.82
2021-03-29 13:00:01	1	24.15	0.29	8.77
2021-03-29 14:00:01	1	24.32	0.33	9.20
2021-03-29 15:00:01	1	24.52	0.37	9.15
2021-03-29 16:00:01	1	24.44	0.29	9.02
2021-03-29 17:00:01	1	24.25	0.30	8.90
2021-03-29 18:00:01	1	23.82	0.31	8.51
2021-03-29 19:00:01	1	20.70	0.76	9.27
2021-03-29 20:00:01	1	25.70	0.12	5.81
2021-03-29 21:00:01	1	74.92	0.12	16.17
2021-03-29 22:00:01	1	20.38	0.11	4.92
2021-03-29 23:00:01	1	17.68	0.09	4.74
2021-03-30 00:00:01	1	18.60	0.06	4.37
2021-03-30 01:00:01	1	18.15	0.06	4.26
2021-03-30 02:00:01	1	18.84	0.06	4.09
2021-03-30 03:00:01	1	19.06	0.06	4.03
2021-03-30 04:00:01	1	18.71	0.05	3.99
2021-03-30 05:00:01	1	18.62	0.05	3.95
2021-03-30 06:00:01	1	18.56	0.06	3.90
2021-03-30 07:00:01	1	18.73	0.06	3.84

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-03-30 08:00:01	1	20.19	0.06	3.84
2021-03-30 09:00:01	1	18.47	0.08	3.97
2021-03-30 10:00:01	1	19.37	0.07	4.18
2021-03-30 11:00:01	1	19.40	0.07	4.38
2021-03-30 12:00:01	1	18.68	0.07	4.43
2021-03-30 13:00:01	1	19.20	0.05	4.21
2021-03-30 14:00:01	1	19.78	0.06	4.18
2021-03-30 15:00:01	1	19.07	0.10	4.18
2021-03-30 16:00:01	1	18.97	0.05	3.81
2021-03-30 17:00:01	1	19.31	0.05	3.66
2021-03-30 18:00:01	1	18.80	0.05	3.57
2021-03-30 19:00:01	1	18.46	0.05	3.48
2021-03-30 20:00:01	1	20.09	0.05	3.56
2021-03-30 21:00:01	1	68.79	0.08	14.83
2021-03-30 22:00:01	1	18.61	0.06	3.66
2021-03-30 23:00:01	1	18.55	0.06	3.75
2021-03-31 00:00:01	1	18.74	0.06	3.79
2021-03-31 01:00:01	1	18.35	0.06	3.79
2021-03-31 02:00:01	1	18.30	0.06	3.79
2021-03-31 03:00:01	1	18.67	0.06	3.81
2021-03-31 04:00:01	1	18.20	0.07	3.79
2021-03-31 05:00:01	1	18.33	0.07	3.81
2021-03-31 06:00:01	1	18.39	0.07	3.80
2021-03-31 07:00:01	1	18.45	0.07	3.81
2021-03-31 08:00:01	1	18.81	0.07	3.78
2021-03-31 09:00:01	1	19.29	0.07	3.75
2021-03-31 10:00:01	1	18.40	0.04	3.58
2021-03-31 11:00:01	1	18.61	0.04	3.52
2021-03-31 12:00:01	1	18.46	0.04	3.53
2021-03-31 13:00:01	1	18.63	0.04	3.48
2021-03-31 14:00:01	1	18.63	0.03	3.46
2021-03-31 15:00:01	1	18.86	0.08	3.44
2021-03-31 16:00:01	1	17.87	0.03	4.19
2021-03-31 17:00:01	1	18.85	0.03	5.49
2021-03-31 18:00:01	1	19.24	0.03	7.31
2021-03-31 19:00:01	1	18.96	0.03	8.83
2021-03-31 20:00:01	1	20.35	0.04	9.55
2021-03-31 21:00:01	1	72.48	0.06	21.26
2021-03-31 22:00:01	1	18.99	0.04	10.23
2021-03-31 23:00:01	1	18.65	0.04	10.17
2021-04-01 00:00:01	1	19.07	0.05	10.14
2021-04-01 01:00:01	1	20.47	0.05	10.11
2021-04-01 02:00:01	1	19.73	0.05	10.42
2021-04-01 03:00:01	1	19.34	0.05	10.28
2021-04-01 04:00:01	1	19.26	0.05	10.26
2021-04-01 05:00:01	1	19.19	0.05	10.24

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-01 06:00:01	1	20.05	0.07	10.09
2021-04-01 07:00:01	1	19.61	0.04	10.19
2021-04-01 08:00:01	1	19.46	0.05	10.01
2021-04-01 09:00:01	1	19.75	0.07	9.65
2021-04-01 10:00:01	1	20.87	0.06	9.59
2021-04-01 11:00:01	1	27.53	0.04	9.42
2021-04-01 12:00:01	1	25.53	0.04	9.39
2021-04-01 13:00:01	1	25.30	0.03	9.45
2021-04-01 14:00:01	1	25.54	0.04	9.38
2021-04-01 15:00:01	1	20.77	0.09	9.79
2021-04-01 16:00:01	1	18.91	0.06	10.12
2021-04-01 17:00:01	1	19.20	0.07	10.32
2021-04-01 18:00:01	1	18.66	0.06	10.34
2021-04-01 19:00:01	1	18.54	0.05	10.30
2021-04-01 20:00:01	1	17.50	0.06	10.36
2021-04-01 21:00:01	1	70.28	0.08	21.45
2021-04-01 22:00:01	1	18.60	0.06	10.08
2021-04-01 23:00:01	1	18.39	0.06	10.29
2021-04-02 00:00:01	1	17.96	0.06	10.18
2021-04-02 01:00:01	1	17.76	0.09	10.22
2021-04-02 02:00:01	1	18.19	0.08	10.12
2021-04-02 03:00:01	1	14.15	0.08	7.44
2021-04-02 04:00:01	1	17.56	0.08	5.72
2021-04-02 05:00:01	1	18.88	0.09	7.78
2021-04-02 06:00:01	1	17.62	0.09	9.07
2021-04-02 07:00:01	1	17.53	0.10	9.35
2021-04-02 08:00:01	1	17.22	0.10	9.18
2021-04-02 09:00:01	1	17.80	0.11	9.05
2021-04-02 10:00:01	1	17.78	0.07	8.97
2021-04-02 11:00:01	1	17.77	0.06	8.83
2021-04-02 12:00:01	1	18.34	0.06	8.63
2021-04-02 13:00:01	1	18.38	0.05	8.61
2021-04-02 14:00:01	1	18.45	0.05	8.49
2021-04-02 15:00:01	1	18.34	0.08	8.38
2021-04-02 16:00:01	1	18.45	0.04	8.35
2021-04-02 17:00:01	1	18.24	0.03	8.48
2021-04-02 18:00:01	1	17.91	0.04	8.59
2021-04-02 19:00:01	1	17.98	0.04	8.67
2021-04-02 20:00:01	1	18.93	0.05	8.88
2021-04-02 21:00:01	1	69.30	0.08	20.21
2021-04-02 22:00:01	1	17.45	0.06	8.99
2021-04-02 23:00:01	1	17.52	0.05	9.06
2021-04-03 00:00:01	1	17.65	0.05	9.06
2021-04-03 01:00:01	1	17.63	0.05	9.20
2021-04-03 02:00:01	1	17.25	0.04	9.19
2021-04-03 03:00:01	1	17.20	0.04	9.13

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-03 04:00:01	1	17.23	0.10	9.06
2021-04-03 05:00:01	1	17.47	0.08	9.16
2021-04-03 06:00:01	1	17.61	0.05	9.17
2021-04-03 07:00:01	1	17.47	0.08	9.29
2021-04-03 08:00:01	1	17.64	0.10	9.16
2021-04-03 09:00:01	1	17.42	0.10	8.92
2021-04-03 10:00:01	1	17.97	0.06	8.65
2021-04-03 11:00:01	1	18.01	0.04	8.57
2021-04-03 12:00:01	1	18.43	0.04	8.54
2021-04-03 13:00:01	1	18.24	0.04	8.42
2021-04-03 14:00:01	1	18.22	0.04	8.33
2021-04-03 15:00:01	1	18.41	0.08	8.24
2021-04-03 16:00:01	1	18.65	0.04	8.26
2021-04-03 17:00:01	1	18.48	0.04	8.39
2021-04-03 18:00:01	1	18.18	0.04	8.46
2021-04-03 19:00:01	1	18.21	0.05	8.60
2021-04-03 20:00:01	1	17.51	0.05	8.71
2021-04-03 21:00:01	1	69.00	0.08	20.42
2021-04-03 22:00:01	1	17.67	0.05	9.10
2021-04-03 23:00:01	1	17.67	0.05	9.19
2021-04-04 00:00:01	1	17.51	0.05	9.37
2021-04-04 01:00:01	1	17.44	0.04	9.24
2021-04-04 02:00:01	1	17.31	0.05	9.15
2021-04-04 03:00:01	1	17.38	0.05	9.18
2021-04-04 04:00:01	1	17.33	0.05	9.10
2021-04-04 05:00:01	1	17.92	0.04	9.24
2021-04-04 06:00:01	1	16.97	0.03	9.19
2021-04-04 07:00:01	1	17.63	0.05	9.18
2021-04-04 08:00:01	1	17.15	0.06	9.10
2021-04-04 09:00:01	1	17.47	0.06	8.91
2021-04-04 10:00:01	1	18.12	0.04	8.74
2021-04-04 11:00:01	1	18.17	0.03	8.70
2021-04-04 12:00:01	1	18.42	0.03	8.60
2021-04-04 13:00:01	1	18.58	0.04	8.62
2021-04-04 14:00:01	1	18.45	0.04	8.71
2021-04-04 15:00:01	1	18.77	0.08	8.74
2021-04-04 16:00:01	1	19.09	0.04	8.82
2021-04-04 17:00:01	1	18.67	0.04	8.90
2021-04-04 18:00:01	1	18.47	0.04	8.88
2021-04-04 19:00:01	1	18.54	0.05	8.98
2021-04-04 20:00:01	1	18.68	0.05	8.98
2021-04-04 21:00:01	1	70.77	0.07	20.38
2021-04-04 22:00:01	1	18.07	0.05	9.03
2021-04-04 23:00:01	1	18.05	0.05	9.07
2021-04-05 00:00:01	1	17.81	0.05	9.19
2021-04-05 01:00:01	1	17.54	0.04	9.12

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-05 02:00:01	1	17.62	0.04	9.21
2021-04-05 03:00:01	1	17.50	0.04	9.04
2021-04-05 04:00:01	1	17.56	0.03	8.94
2021-04-05 05:00:01	1	18.07	0.03	9.03
2021-04-05 06:00:01	1	17.60	0.03	8.96
2021-04-05 07:00:01	1	17.55	0.03	8.92
2021-04-05 08:00:01	1	17.58	0.04	8.88
2021-04-05 09:00:01	1	17.66	0.04	8.80
2021-04-05 10:00:01	1	17.76	0.03	8.78
2021-04-05 11:00:01	1	17.77	0.02	8.54
2021-04-05 12:00:01	1	18.27	0.03	8.17
2021-04-05 13:00:01	1	18.54	0.02	8.19
2021-04-05 14:00:01	1	18.87	0.03	8.28
2021-04-05 15:00:01	1	18.44	0.08	8.64
2021-04-05 16:00:01	1	18.47	0.04	8.65
2021-04-05 17:00:01	1	18.43	0.04	8.85
2021-04-05 18:00:01	1	18.03	0.05	8.98
2021-04-05 19:00:01	1	17.82	0.05	9.05
2021-04-05 20:00:01	1	17.94	0.05	9.05
2021-04-05 21:00:01	1	69.21	0.08	20.30
2021-04-05 22:00:01	1	17.52	0.05	9.19
2021-04-05 23:00:01	1	17.52	0.05	9.20
2021-04-06 00:00:01	1	17.48	0.06	9.20
2021-04-06 01:00:01	1	17.42	0.06	9.22
2021-04-06 02:00:01	1	17.39	0.05	9.33
2021-04-06 03:00:01	1	17.64	0.05	9.30
2021-04-06 04:00:01	1	17.49	0.05	9.31
2021-04-06 05:00:01	1	17.02	0.04	9.24
2021-04-06 06:00:01	1	17.51	0.04	9.22
2021-04-06 07:00:01	1	17.29	0.04	9.24
2021-04-06 08:00:01	1	17.75	0.05	9.10
2021-04-06 09:00:01	1	17.40	0.06	8.98
2021-04-06 10:00:01	1	17.64	0.05	8.92
2021-04-06 11:00:01	1	17.62	0.03	8.61
2021-04-06 12:00:01	1	18.27	0.03	8.33
2021-04-06 13:00:01	1	18.12	0.03	8.26
2021-04-06 14:00:01	1	18.15	0.03	8.15
2021-04-06 15:00:01	1	18.35	0.08	8.19
2021-04-06 16:00:01	1	18.29	0.03	8.08
2021-04-06 17:00:01	1	18.14	0.03	8.15
2021-04-06 18:00:01	1	18.20	0.03	8.28
2021-04-06 19:00:01	1	18.03	0.04	8.59
2021-04-06 20:00:01	1	18.15	0.04	8.73
2021-04-06 21:00:01	1	69.12	0.06	20.23
2021-04-06 22:00:01	1	17.74	0.04	8.89
2021-04-06 23:00:01	1	17.57	0.04	8.94

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-07 00:00:01	1	17.65	0.04	8.99
2021-04-07 01:00:01	1	17.51	0.04	9.12
2021-04-07 02:00:01	1	17.51	0.04	9.14
2021-04-07 03:00:01	1	17.47	0.05	9.21
2021-04-07 04:00:01	1	17.39	0.07	9.21
2021-04-07 05:00:01	1	17.41	0.08	9.23
2021-04-07 06:00:01	1	17.28	0.08	9.12
2021-04-07 07:00:01	1	17.37	0.08	9.10
2021-04-07 08:00:01	1	17.95	0.06	9.11
2021-04-07 09:00:01	1	17.78	0.10	8.94
2021-04-07 10:00:01	1	17.94	0.06	8.93
2021-04-07 11:00:01	1	18.01	0.05	8.70
2021-04-07 12:00:01	1	18.32	0.04	8.57
2021-04-07 13:00:01	1	18.44	0.04	8.49
2021-04-07 14:00:01	1	18.73	0.05	8.64
2021-04-07 15:00:01	1	17.95	0.09	8.60
2021-04-07 16:00:01	1	18.39	0.04	8.51
2021-04-07 17:00:01	1	18.44	0.04	8.59
2021-04-07 18:00:01	1	18.65	0.05	8.66
2021-04-07 19:00:01	1	17.87	0.06	8.87
2021-04-07 20:00:01	1	17.97	0.06	8.86
2021-04-07 21:00:01	1	69.13	0.07	20.37
2021-04-07 22:00:01	1	17.68	0.04	9.03
2021-04-07 23:00:01	1	17.48	0.05	9.01
2021-04-08 00:00:01	1	17.45	0.05	9.05
2021-04-08 01:00:01	1	17.51	0.05	9.12
2021-04-08 02:00:01	1	17.51	0.05	9.20
2021-04-08 03:00:01	1	17.46	0.06	9.20
2021-04-08 04:00:01	1	17.48	0.08	9.22
2021-04-08 05:00:01	1	17.36	0.08	9.29
2021-04-08 06:00:01	1	17.17	0.08	9.25
2021-04-08 07:00:01	1	17.31	0.08	9.31
2021-04-08 08:00:01	1	17.80	0.06	9.16
2021-04-08 09:00:01	1	17.33	0.08	9.06
2021-04-08 10:00:01	1	17.99	0.06	8.95
2021-04-08 11:00:01	1	18.07	0.06	9.00
2021-04-08 12:00:01	1	18.02	0.06	9.06
2021-04-08 13:00:01	1	18.18	0.05	9.08
2021-04-08 14:00:01	1	17.99	0.05	9.20
2021-04-08 15:00:01	1	18.19	0.09	9.51
2021-04-08 16:00:01	1	17.95	0.05	9.47
2021-04-08 17:00:01	1	17.73	0.06	9.54
2021-04-08 18:00:01	1	17.95	0.05	9.49
2021-04-08 19:00:01	1	17.67	0.05	9.46
2021-04-08 20:00:01	1	16.33	0.02	9.50
2021-04-08 21:00:01	1	68.60	0.04	20.31

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-08 22:00:01	1	17.33	0.03	9.36
2021-04-08 23:00:01	1	17.33	0.03	9.31
2021-04-09 00:00:01	1	17.00	0.03	9.36
2021-04-09 01:00:01	1	17.21	0.02	9.41
2021-04-09 02:00:01	1	17.00	0.03	9.40
2021-04-09 03:00:01	1	17.11	0.02	9.40
2021-04-09 04:00:01	1	17.32	0.03	9.26
2021-04-09 05:00:01	1	17.33	0.04	9.32
2021-04-09 06:00:01	1	31.30	0.03	9.29
2021-04-09 07:00:01	1	181.99	0.04	9.40
2021-04-09 08:00:01	1	149.09	0.02	9.32
2021-04-09 09:00:01	1	20.33	0.04	9.11
2021-04-09 10:00:01	1	17.81	0.05	8.98
2021-04-09 11:00:01	1	17.96	0.05	8.92
2021-04-09 12:00:01	1	18.42	0.05	8.83
2021-04-09 13:00:01	1	17.47	0.05	8.22
2021-04-09 14:00:01	1	17.72	0.05	8.13
2021-04-09 15:00:01	1	17.69	0.09	8.21
2021-04-09 16:00:01	1	17.60	0.05	8.28
2021-04-09 17:00:01	1	17.64	0.05	8.29
2021-04-09 18:00:01	1	17.62	0.05	8.33
2021-04-09 19:00:01	1	17.45	0.05	8.33
2021-04-09 20:00:01	1	17.45	0.04	8.26
2021-04-09 21:00:01	1	67.57	0.05	18.57
2021-04-09 22:00:01	1	17.19	0.04	6.98
2021-04-09 23:00:01	1	17.27	0.03	6.59
2021-04-10 00:00:01	1	17.22	0.03	6.59
2021-04-10 01:00:01	1	17.49	0.03	6.59
2021-04-10 02:00:01	1	17.38	0.03	6.59
2021-04-10 03:00:01	1	17.40	0.03	6.59
2021-04-10 04:00:01	1	17.50	0.03	6.60
2021-04-10 05:00:01	1	17.16	0.03	6.60
2021-04-10 06:00:01	1	17.32	0.03	6.59
2021-04-10 07:00:01	1	17.31	0.03	6.60
2021-04-10 08:00:01	1	17.67	0.04	6.60
2021-04-10 09:00:01	1	17.12	0.05	6.52
2021-04-10 10:00:01	1	17.26	0.04	6.47
2021-04-10 11:00:01	1	17.52	0.04	6.39
2021-04-10 12:00:01	1	17.41	0.04	6.39
2021-04-10 13:00:01	1	17.45	0.04	6.33
2021-04-10 14:00:01	1	17.61	0.03	6.40
2021-04-10 15:00:01	1	17.12	0.08	6.38
2021-04-10 16:00:01	1	17.29	0.04	6.38
2021-04-10 17:00:01	1	17.07	0.04	6.37
2021-04-10 18:00:01	1	17.20	0.04	6.38
2021-04-10 19:00:01	1	17.27	0.03	6.57

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-10 20:00:01	1	16.83	0.03	6.59
2021-04-10 21:00:01	1	66.91	0.05	17.67
2021-04-10 22:00:01	1	17.48	0.04	6.58
2021-04-10 23:00:01	1	17.29	0.04	6.58
2021-04-11 00:00:01	1	17.27	0.04	6.58
2021-04-11 01:00:01	1	17.73	0.04	6.59
2021-04-11 02:00:01	1	16.54	0.04	6.58
2021-04-11 03:00:01	1	16.56	0.04	6.58
2021-04-11 04:00:01	1	16.54	0.04	6.58
2021-04-11 05:00:01	1	16.43	0.04	6.62
2021-04-11 06:00:01	1	16.53	0.04	6.59
2021-04-11 07:00:01	1	16.63	0.04	6.59
2021-04-11 08:00:01	1	16.97	0.05	6.59
2021-04-11 09:00:01	1	16.53	0.05	6.45
2021-04-11 10:00:01	1	16.62	0.05	6.39
2021-04-11 11:00:01	1	16.77	0.05	6.40
2021-04-11 12:00:01	1	16.71	0.05	6.25
2021-04-11 13:00:01	1	16.81	0.05	6.28
2021-04-11 14:00:01	1	16.86	0.05	6.20
2021-04-11 15:00:01	1	16.72	0.09	6.38
2021-04-11 16:00:01	1	17.00	0.05	6.38
2021-04-11 17:00:01	1	16.80	0.05	6.40
2021-04-11 18:00:01	1	16.41	0.05	6.48
2021-04-11 19:00:01	1	16.45	0.05	6.53
2021-04-11 20:00:01	1	16.44	0.05	6.57
2021-04-11 21:00:01	1	67.87	0.06	17.68
2021-04-11 22:00:01	1	16.57	0.05	6.63
2021-04-11 23:00:01	1	16.51	0.05	6.61
2021-04-12 00:00:01	1	16.63	0.05	6.61
2021-04-12 01:00:01	1	16.60	0.05	6.60
2021-04-12 02:00:01	1	16.61	0.05	6.60
2021-04-12 03:00:01	1	16.57	0.05	6.60
2021-04-12 04:00:01	1	16.68	0.05	6.60
2021-04-12 05:00:01	1	16.42	0.04	6.61
2021-04-12 06:00:01	1	16.49	0.04	6.59
2021-04-12 07:00:01	1	16.62	0.04	6.59
2021-04-12 08:00:01	1	16.58	0.04	6.60
2021-04-12 09:00:01	1	16.75	0.06	6.57
2021-04-12 10:00:01	1	16.59	0.04	6.61
2021-04-12 11:00:01	1	16.90	0.05	6.60
2021-04-12 12:00:01	1	16.88	0.05	6.66
2021-04-12 13:00:01	1	16.68	0.04	6.70
2021-04-12 14:00:01	1	16.59	0.04	6.59
2021-04-12 15:00:01	1	16.61	0.09	6.59
2021-04-12 16:00:01	1	16.65	0.05	6.60
2021-04-12 17:00:01	1	16.77	0.04	6.56

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-12 18:00:01	1	16.62	0.04	6.60
2021-04-12 19:00:01	1	16.56	0.04	6.60
2021-04-12 20:00:01	1	16.74	0.03	6.75
2021-04-12 21:00:01	1	66.36	0.04	17.97
2021-04-12 22:00:01	1	16.66	0.03	6.78
2021-04-12 23:00:01	1	16.49	0.03	6.84
2021-04-13 00:00:01	1	16.38	0.02	7.06
2021-04-13 01:00:01	1	16.56	0.02	6.95
2021-04-13 02:00:01	1	16.57	0.03	6.89
2021-04-13 03:00:01	1	16.88	0.03	6.80
2021-04-13 04:00:01	1	16.38	0.03	6.78
2021-04-13 05:00:01	1	16.49	0.03	6.94
2021-04-13 06:00:01	1	16.33	0.03	6.93
2021-04-13 07:00:01	1	16.54	0.04	6.90
2021-04-13 08:00:01	1	16.45	0.05	6.88
2021-04-13 09:00:01	1	16.43	0.06	6.71
2021-04-13 10:00:01	1	16.63	0.05	6.69
2021-04-13 11:00:01	1	16.72	0.05	6.68
2021-04-13 12:00:01	1	16.47	0.05	6.75
2021-04-13 13:00:01	1	16.44	0.05	6.66
2021-04-13 14:00:01	1	16.88	0.06	6.53
2021-04-13 15:00:01	1	16.94	0.10	6.48
2021-04-13 16:00:01	1	16.94	0.05	6.59
2021-04-13 17:00:01	1	16.64	0.05	6.62
2021-04-13 18:00:01	1	16.50	0.05	6.69
2021-04-13 19:00:01	1	16.37	0.05	6.79
2021-04-13 20:00:01	1	15.90	0.05	6.81
2021-04-13 21:00:01	1	66.66	0.06	18.13
2021-04-13 22:00:01	1	16.36	0.04	7.00
2021-04-13 23:00:01	1	16.48	0.05	6.99
2021-04-14 00:00:01	1	16.51	0.06	6.99
2021-04-14 01:00:01	1	16.50	0.06	6.99
2021-04-14 02:00:01	1	16.46	0.05	7.00
2021-04-14 03:00:01	1	16.59	0.04	6.99
2021-04-14 04:00:01	1	16.49	0.05	6.99
2021-04-14 05:00:01	1	16.33	0.06	7.01
2021-04-14 06:00:01	1	16.38	0.06	6.98
2021-04-14 07:00:01	1	16.46	0.06	6.99
2021-04-14 08:00:01	1	16.55	0.05	6.99
2021-04-14 09:00:01	1	16.69	0.06	6.92
2021-04-14 10:00:01	1	16.54	0.05	6.86
2021-04-14 11:00:01	1	16.70	0.06	6.79
2021-04-14 12:00:01	1	16.62	0.05	6.79
2021-04-14 13:00:01	1	16.73	0.05	6.79
2021-04-14 14:00:01	1	16.66	0.05	6.75
2021-04-14 15:00:01	1	16.05	0.07	7.10

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-14 16:00:01	1	15.57	0.03	7.13
2021-04-14 17:00:01	1	15.65	0.05	7.02
2021-04-14 18:00:01	1	15.37	0.07	7.01
2021-04-14 19:00:01	1	15.28	0.09	7.01
2021-04-14 20:00:01	1	16.25	0.09	7.05
2021-04-14 21:00:01	1	65.69	0.10	18.06
2021-04-14 22:00:01	1	15.35	0.05	7.06
2021-04-14 23:00:01	1	15.37	0.05	7.06
2021-04-15 00:00:01	1	16.17	0.07	7.00
2021-04-15 01:00:01	1	15.33	0.05	7.03
2021-04-15 02:00:01	1	15.24	0.05	7.03
2021-04-15 03:00:01	1	15.34	0.05	7.03
2021-04-15 04:00:01	1	15.49	0.06	7.06
2021-04-15 05:00:01	1	15.21	0.06	7.08
2021-04-15 06:00:01	1	15.52	0.06	6.61
2021-04-15 07:00:01	1	15.39	0.04	6.65
2021-04-15 08:00:01	1	15.47	0.05	6.02
2021-04-15 09:00:01	1	16.00	0.06	5.68
2021-04-15 10:00:01	1	15.52	0.04	5.40
2021-04-15 11:00:01	1	15.54	0.04	5.35
2021-04-15 12:00:01	1	15.76	0.04	5.33
2021-04-15 13:00:01	1	15.59	0.05	5.19
2021-04-15 14:00:01	1	15.66	0.06	5.07
2021-04-15 15:00:01	1	15.71	0.09	4.94
2021-04-15 16:00:01	1	15.80	0.05	4.94
2021-04-15 17:00:01	1	15.68	0.04	4.92
2021-04-15 18:00:01	1	15.71	0.05	4.92
2021-04-15 19:00:01	1	15.57	0.05	5.06
2021-04-15 20:00:01	1	15.49	0.05	5.13
2021-04-15 21:00:01	1	66.48	0.10	16.59
2021-04-15 22:00:01	1	15.51	0.08	5.28
2021-04-15 23:00:01	1	15.52	0.09	5.14
2021-04-16 00:00:01	1	15.64	0.08	5.15
2021-04-16 01:00:01	1	15.59	0.06	5.14
2021-04-16 02:00:01	1	15.89	0.05	5.15
2021-04-16 03:00:01	1	16.31	0.04	5.16
2021-04-16 04:00:01	1	15.64	0.04	5.16
2021-04-16 05:00:01	1	15.15	0.03	5.25
2021-04-16 06:00:01	1	15.46	0.03	5.34
2021-04-16 07:00:01	1	15.70	0.02	5.37
2021-04-16 08:00:01	1	15.78	0.02	5.36
2021-04-16 09:00:01	1	15.77	0.04	5.30
2021-04-16 10:00:01	1	16.07	0.04	5.32
2021-04-16 11:00:01	1	16.03	0.04	5.16
2021-04-16 12:00:01	1	15.99	0.04	5.17
2021-04-16 13:00:01	1	16.18	0.03	5.09

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-16 14:00:01	1	15.94	0.04	4.95
2021-04-16 15:00:01	1	15.75	0.08	4.94
2021-04-16 16:00:01	1	15.87	0.04	4.81
2021-04-16 17:00:01	1	15.62	0.04	4.88
2021-04-16 18:00:01	1	15.35	0.04	5.55
2021-04-16 19:00:01	1	15.68	0.03	5.81
2021-04-16 20:00:01	1	16.27	0.04	5.99
2021-04-16 21:00:01	1	67.88	0.07	17.17
2021-04-16 22:00:01	1	15.35	0.05	6.03
2021-04-16 23:00:01	1	15.37	0.04	6.21
2021-04-17 00:00:01	1	15.49	0.03	6.21
2021-04-17 01:00:01	1	15.29	0.03	6.20
2021-04-17 02:00:01	1	15.70	0.07	6.05
2021-04-17 03:00:01	1	16.07	0.12	6.04
2021-04-17 04:00:01	1	15.88	0.06	6.03
2021-04-17 05:00:01	1	15.43	0.07	6.07
2021-04-17 06:00:01	1	15.03	0.09	6.26
2021-04-17 07:00:01	1	15.50	0.12	6.22
2021-04-17 08:00:01	1	15.85	0.08	6.21
2021-04-17 09:00:01	1	15.80	0.08	6.03
2021-04-17 10:00:01	1	15.74	0.06	5.92
2021-04-17 11:00:01	1	15.86	0.03	5.78
2021-04-17 12:00:01	1	15.96	0.03	5.79
2021-04-17 13:00:01	1	15.73	0.02	5.75
2021-04-17 14:00:01	1	15.84	0.04	5.62
2021-04-17 15:00:01	1	15.70	0.08	5.62
2021-04-17 16:00:01	1	15.76	0.04	5.63
2021-04-17 17:00:01	1	15.70	0.04	5.70
2021-04-17 18:00:01	1	15.65	0.04	5.76
2021-04-17 19:00:01	1	15.59	0.04	5.79
2021-04-17 20:00:01	1	15.90	0.04	5.99
2021-04-17 21:00:01	1	67.11	0.06	17.00
2021-04-17 22:00:01	1	15.73	0.05	6.17
2021-04-17 23:00:01	1	15.78	0.04	6.16
2021-04-18 00:00:01	1	15.61	0.04	6.17
2021-04-18 01:00:01	1	15.51	0.04	6.17
2021-04-18 02:00:01	1	16.07	0.03	6.13
2021-04-18 03:00:01	1	15.61	0.03	5.99
2021-04-18 04:00:01	1	15.64	0.03	6.00
2021-04-18 05:00:01	1	15.93	0.03	6.12
2021-04-18 06:00:01	1	15.65	0.03	6.19
2021-04-18 07:00:01	1	15.69	0.04	6.21
2021-04-18 08:00:01	1	15.85	0.06	6.19
2021-04-18 09:00:01	1	15.26	0.07	6.11
2021-04-18 10:00:01	1	15.20	0.04	5.99
2021-04-18 11:00:01	1	15.67	0.02	6.05

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-18 12:00:01	1	16.05	0.02	6.11
2021-04-18 13:00:01	1	15.90	0.02	6.08
2021-04-18 14:00:01	1	16.01	0.03	6.07
2021-04-18 15:00:01	1	16.68	0.08	6.80
2021-04-18 16:00:01	1	15.93	0.04	7.48
2021-04-18 17:00:01	1	15.67	0.04	7.54
2021-04-18 18:00:01	1	15.53	0.03	7.55
2021-04-18 19:00:01	1	15.47	0.03	7.70
2021-04-18 20:00:01	1	15.27	0.03	7.76
2021-04-18 21:00:01	1	66.74	0.04	18.72
2021-04-18 22:00:01	1	15.62	0.04	7.84
2021-04-18 23:00:01	1	15.55	0.03	7.89
2021-04-19 00:00:01	1	15.51	0.04	7.92
2021-04-19 01:00:01	1	15.56	0.04	8.10
2021-04-19 02:00:01	1	15.45	0.04	8.07
2021-04-19 03:00:01	1	15.42	0.04	8.08
2021-04-19 04:00:01	1	15.59	0.04	8.09
2021-04-19 05:00:01	1	15.33	0.04	8.09
2021-04-19 06:00:01	1	15.38	0.05	8.07
2021-04-19 07:00:01	1	15.40	0.05	8.07
2021-04-19 08:00:01	1	15.84	0.06	8.07
2021-04-19 09:00:01	1	15.50	0.09	8.03
2021-04-19 10:00:01	1	15.49	0.08	8.01
2021-04-19 11:00:01	1	101.08	0.08	45.66
2021-04-19 12:00:01	1	16.70	0.07	8.50
2021-04-19 13:00:01	1	16.88	0.05	8.31
2021-04-19 14:00:01	1	16.95	0.04	8.05
2021-04-19 15:00:01	1	17.18	0.09	8.09
2021-04-19 16:00:01	1	17.52	0.05	8.25
2021-04-19 17:00:01	1	16.93	0.05	8.39
2021-04-19 18:00:01	1	16.66	0.04	8.51
2021-04-19 19:00:01	1	16.70	0.04	8.55
2021-04-19 20:00:01	1	16.91	0.04	8.56
2021-04-19 21:00:01	1	69.83	0.04	20.71
2021-04-19 22:00:01	1	15.53	0.03	7.75
2021-04-19 23:00:01	1	15.74	0.03	7.77
2021-04-20 00:00:01	1	15.62	0.03	7.88
2021-04-20 01:00:01	1	15.55	0.03	7.94
2021-04-20 02:00:01	1	15.76	0.02	7.94
2021-04-20 03:00:01	1	15.60	0.02	7.98
2021-04-20 04:00:01	1	16.34	0.02	8.19
2021-04-20 05:00:01	1	15.74	0.01	8.37
2021-04-20 06:00:01	1	15.63	0.01	8.42
2021-04-20 07:00:01	1	16.19	0.01	8.33
2021-04-20 08:00:01	1	15.27	0.03	8.32
2021-04-20 09:00:01	1	15.27	0.05	8.13

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-20 10:00:01	1	15.51	0.05	8.11
2021-04-20 11:00:01	1	15.67	0.04	7.91
2021-04-20 12:00:01	1	15.38	0.04	7.87
2021-04-20 13:00:01	1	15.52	0.04	7.79
2021-04-20 14:00:01	1	15.76	0.04	7.62
2021-04-20 15:00:01	1	15.77	0.08	7.60
2021-04-20 16:00:01	1	15.77	0.03	7.69
2021-04-20 17:00:01	1	15.68	0.04	7.76
2021-04-20 18:00:01	1	15.52	0.04	7.90
2021-04-20 19:00:01	1	15.37	0.03	7.95
2021-04-20 20:00:01	1	15.43	0.02	7.99
2021-04-20 21:00:01	1	66.80	0.03	18.96
2021-04-20 22:00:01	1	15.62	0.03	8.11
2021-04-20 23:00:01	1	15.43	0.02	8.21
2021-04-21 00:00:01	1	15.49	0.01	8.18
2021-04-21 01:00:01	1	15.51	0.01	8.26
2021-04-21 02:00:01	1	15.45	0.02	8.35
2021-04-21 03:00:01	1	15.54	0.02	8.35
2021-04-21 04:00:01	1	15.60	0.03	8.43
2021-04-21 05:00:01	1	15.41	0.03	8.54
2021-04-21 06:00:01	1	15.53	0.06	8.52
2021-04-21 07:00:01	1	15.50	0.06	8.53
2021-04-21 08:00:01	1	15.60	0.04	8.36
2021-04-21 09:00:01	1	15.81	0.06	8.19
2021-04-21 10:00:01	1	15.46	0.06	8.11
2021-04-21 11:00:01	1	15.48	0.06	7.97
2021-04-21 12:00:01	1	15.56	0.05	7.80
2021-04-21 13:00:01	1	15.72	0.03	7.63
2021-04-21 14:00:01	1	16.08	0.03	7.54
2021-04-21 15:00:01	1	15.85	0.08	7.48
2021-04-21 16:00:01	1	15.90	0.03	7.32
2021-04-21 17:00:01	1	16.62	0.03	7.28
2021-04-21 18:00:01	1	16.17	0.03	7.61
2021-04-21 19:00:01	1	15.27	0.03	7.83
2021-04-21 20:00:01	1	14.98	0.03	7.96
2021-04-21 21:00:01	1	68.03	0.05	19.04
2021-04-21 22:00:01	1	16.28	0.03	8.05
2021-04-21 23:00:01	1	15.04	0.03	8.13
2021-04-22 00:00:01	1	15.24	0.03	8.15
2021-04-22 01:00:01	1	15.73	0.03	8.16
2021-04-22 02:00:01	1	16.32	0.04	8.15
2021-04-22 03:00:01	1	15.94	0.05	8.17
2021-04-22 04:00:01	1	15.85	0.06	8.19
2021-04-22 05:00:01	1	15.73	0.06	8.24
2021-04-22 06:00:01	1	15.86	0.04	8.19
2021-04-22 07:00:01	1	15.42	0.03	8.23

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-22 08:00:01	1	14.77	0.02	8.20
2021-04-22 09:00:01	1	15.58	0.02	8.07
2021-04-22 10:00:01	1	16.19	0.02	7.94
2021-04-22 11:00:01	1	16.40	0.01	7.80
2021-04-22 12:00:01	1	15.27	0.01	7.82
2021-04-22 13:00:01	1	15.46	0.01	7.72
2021-04-22 14:00:01	1	15.81	0.03	7.53
2021-04-22 15:00:01	1	16.51	0.07	7.21
2021-04-22 16:00:01	1	16.47	0.03	7.33
2021-04-22 17:00:01	1	16.20	0.03	7.51
2021-04-22 18:00:01	1	16.09	0.03	7.72
2021-04-22 19:00:01	1	15.46	0.04	7.82
2021-04-22 20:00:01	1	17.38	0.03	8.04
2021-04-22 21:00:01	1	67.58	0.05	19.55
2021-04-22 22:00:01	1	15.07	0.03	8.60
2021-04-22 23:00:01	1	16.07	0.03	8.59
2021-04-23 00:00:01	1	15.42	0.03	8.63
2021-04-23 01:00:01	1	15.07	0.05	8.57
2021-04-23 02:00:01	1	16.24	0.05	8.50
2021-04-23 03:00:01	1	16.41	0.04	8.50
2021-04-23 04:00:01	1	16.29	0.04	8.64
2021-04-23 05:00:01	1	15.89	0.04	8.88
2021-04-23 06:00:01	1	15.90	0.03	8.85
2021-04-23 07:00:01	1	16.10	0.01	8.73
2021-04-23 08:00:01	1	16.39	0.02	8.69
2021-04-23 09:00:01	1	15.87	0.02	8.63
2021-04-23 10:00:01	1	16.33	0.02	8.79
2021-04-23 11:00:01	1	16.32	0.01	8.92
2021-04-23 12:00:01	1	15.83	0.02	8.97
2021-04-23 13:00:01	1	15.47	0.03	8.41
2021-04-23 14:00:01	1	15.51	0.03	8.05
2021-04-23 15:00:01	1	15.75	0.07	8.04
2021-04-23 16:00:01	1	15.95	0.04	7.92
2021-04-23 17:00:01	1	15.66	0.04	8.01
2021-04-23 18:00:01	1	15.52	0.03	8.14
2021-04-23 19:00:01	1	15.92	0.04	8.37
2021-04-23 20:00:01	1	17.55	0.04	8.49
2021-04-23 21:00:01	1	66.19	0.06	19.67
2021-04-23 22:00:01	1	15.11	0.05	8.83
2021-04-23 23:00:01	1	15.96	0.04	8.90
2021-04-24 00:00:01	1	15.78	0.04	8.83
2021-04-24 01:00:01	1	15.03	0.06	8.86
2021-04-24 02:00:01	1	15.95	0.06	8.43
2021-04-24 03:00:01	1	15.25	0.04	8.53
2021-04-24 04:00:01	1	14.94	0.05	8.52
2021-04-24 05:00:01	1	16.28	0.05	8.55

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-24 06:00:01	1	15.59	0.04	8.43
2021-04-24 07:00:01	1	14.90	0.03	8.56
2021-04-24 08:00:01	1	16.24	0.02	8.47
2021-04-24 09:00:01	1	15.99	0.04	8.23
2021-04-24 10:00:01	1	15.20	0.04	8.32
2021-04-24 11:00:01	1	15.59	0.03	8.04
2021-04-24 12:00:01	1	15.68	0.03	7.97
2021-04-24 13:00:01	1	15.89	0.04	7.82
2021-04-24 14:00:01	1	15.93	0.04	7.64
2021-04-24 15:00:01	1	16.02	0.07	7.52
2021-04-24 16:00:01	1	16.07	0.04	7.47
2021-04-24 17:00:01	1	16.04	0.03	7.66
2021-04-24 18:00:01	1	15.65	0.03	7.78
2021-04-24 19:00:01	1	16.11	0.04	7.89
2021-04-24 20:00:01	1	14.76	0.04	8.21
2021-04-24 21:00:01	1	66.03	0.06	19.17
2021-04-24 22:00:01	1	16.58	0.05	8.23
2021-04-24 23:00:01	1	15.86	0.05	8.56
2021-04-25 00:00:01	1	14.86	0.04	8.64
2021-04-25 01:00:01	1	14.95	0.03	8.44
2021-04-25 02:00:01	1	15.96	0.08	8.32
2021-04-25 03:00:01	1	16.15	0.07	8.24
2021-04-25 04:00:01	1	15.98	0.04	8.32
2021-04-25 05:00:01	1	15.81	0.05	8.45
2021-04-25 06:00:01	1	15.99	0.06	8.52
2021-04-25 07:00:01	1	15.99	0.06	8.65
2021-04-25 08:00:01	1	15.94	0.05	8.70
2021-04-25 09:00:01	1	14.55	0.05	8.49
2021-04-25 10:00:01	1	15.28	0.03	8.34
2021-04-25 11:00:01	1	15.60	0.03	8.19
2021-04-25 12:00:01	1	15.71	0.03	8.10
2021-04-25 13:00:01	1	16.01	0.03	8.06
2021-04-25 14:00:01	1	15.69	0.04	7.99
2021-04-25 15:00:01	1	15.81	0.08	7.97
2021-04-25 16:00:01	1	15.61	0.04	7.86
2021-04-25 17:00:01	1	15.57	0.03	7.88
2021-04-25 18:00:01	1	15.35	0.03	7.94
2021-04-25 19:00:01	1	15.64	0.03	8.11
2021-04-25 20:00:01	1	18.38	0.04	8.24
2021-04-25 21:00:01	1	65.52	0.06	19.21
2021-04-25 22:00:01	1	15.38	0.04	7.78
2021-04-25 23:00:01	1	15.49	0.04	7.85
2021-04-26 00:00:01	1	15.51	0.04	7.85
2021-04-26 01:00:01	1	15.57	0.04	7.82
2021-04-26 02:00:01	1	15.58	0.05	7.84
2021-04-26 03:00:01	1	15.40	0.03	7.84

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-26 04:00:01	1	15.41	0.04	7.86
2021-04-26 05:00:01	1	15.33	0.03	7.88
2021-04-26 06:00:01	1	15.94	0.02	7.91
2021-04-26 07:00:01	1	15.93	0.03	7.74
2021-04-26 08:00:01	1	14.88	0.05	7.89
2021-04-26 09:00:01	1	15.13	0.07	7.84
2021-04-26 10:00:01	1	15.34	0.06	7.69
2021-04-26 11:00:01	1	15.60	0.04	7.41
2021-04-26 12:00:01	1	15.71	0.02	7.37
2021-04-26 13:00:01	1	16.06	0.03	7.25
2021-04-26 14:00:01	1	15.95	0.02	7.08
2021-04-26 15:00:01	1	15.84	0.07	6.99
2021-04-26 16:00:01	1	16.10	0.03	7.01
2021-04-26 17:00:01	1	15.93	0.03	7.12
2021-04-26 18:00:01	1	15.63	0.03	7.28
2021-04-26 19:00:01	1	15.72	0.03	7.35
2021-04-26 20:00:01	1	17.63	0.03	7.46
2021-04-26 21:00:01	1	66.83	0.04	18.50
2021-04-26 22:00:01	1	16.01	0.03	7.63
2021-04-26 23:00:01	1	15.26	0.03	7.82
2021-04-27 00:00:01	1	15.44	0.03	7.73
2021-04-27 01:00:01	1	16.02	0.03	7.69
2021-04-27 02:00:01	1	15.68	0.10	7.71
2021-04-27 03:00:01	1	15.70	0.07	7.71
2021-04-27 04:00:01	1	15.75	0.07	7.84
2021-04-27 05:00:01	1	15.60	0.08	7.95
2021-04-27 06:00:01	1	15.81	0.06	7.81
2021-04-27 07:00:01	1	15.74	0.04	7.75
2021-04-27 08:00:01	1	15.81	0.02	7.76
2021-04-27 09:00:01	1	15.41	0.04	7.69
2021-04-27 10:00:01	1	15.81	0.06	7.64
2021-04-27 11:00:01	1	15.79	0.06	7.33
2021-04-27 12:00:01	1	16.23	0.04	7.18
2021-04-27 13:00:01	1	16.00	0.04	7.02
2021-04-27 14:00:01	1	15.52	0.04	7.03
2021-04-27 15:00:01	1	15.72	0.07	6.92
2021-04-27 16:00:01	1	15.79	0.03	6.88
2021-04-27 17:00:01	1	16.03	0.02	7.21
2021-04-27 18:00:01	1	16.67	0.03	7.30
2021-04-27 19:00:01	1	16.12	0.03	7.61
2021-04-27 20:00:01	1	16.59	0.03	7.87
2021-04-27 21:00:01	1	67.45	0.04	18.95
2021-04-27 22:00:01	1	16.02	0.03	7.91
2021-04-27 23:00:01	1	15.72	0.02	8.08
2021-04-28 00:00:01	1	15.72	0.01	8.01
2021-04-28 01:00:01	1	15.83	0.02	7.91

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-28 02:00:01	1	15.84	0.02	8.00
2021-04-28 03:00:01	1	15.73	0.01	8.03
2021-04-28 04:00:01	1	15.71	0.03	7.96
2021-04-28 05:00:01	1	15.75	0.04	8.06
2021-04-28 06:00:01	1	15.63	0.06	8.07
2021-04-28 07:00:01	1	15.65	0.03	8.06
2021-04-28 08:00:01	1	15.99	0.04	8.08
2021-04-28 09:00:01	1	15.74	0.06	7.91
2021-04-28 10:00:01	1	15.98	0.05	7.86
2021-04-28 11:00:01	1	16.00	0.05	7.80
2021-04-28 12:00:01	1	16.21	0.05	7.63
2021-04-28 13:00:01	1	15.40	0.04	7.49
2021-04-28 14:00:01	1	15.48	0.03	7.31
2021-04-28 15:00:01	1	15.85	0.08	7.20
2021-04-28 16:00:01	1	16.03	0.07	7.23
2021-04-28 17:00:01	1	16.10	0.05	7.27
2021-04-28 18:00:01	1	15.84	0.04	7.54
2021-04-28 19:00:01	1	15.71	0.04	7.82
2021-04-28 20:00:01	1	16.11	0.04	7.98
2021-04-28 21:00:01	1	66.95	0.06	19.09
2021-04-28 22:00:01	1	15.28	0.04	8.27
2021-04-28 23:00:01	1	15.42	0.03	8.27
2021-04-29 00:00:01	1	15.09	0.02	8.34
2021-04-29 01:00:01	1	15.17	0.02	8.39
2021-04-29 02:00:01	1	15.50	0.02	8.38
2021-04-29 03:00:01	1	14.80	0.00	8.34
2021-04-29 04:00:01	1	15.25	0.00	8.02
2021-04-29 05:00:01	1	15.77	0.00	8.16
2021-04-29 06:00:01	1	15.34	0.00	8.16
2021-04-29 07:00:01	1	15.82	0.00	8.14
2021-04-29 08:00:01	1	15.80	0.02	8.17
2021-04-29 09:00:01	1	15.54	0.03	7.95
2021-04-29 10:00:01	1	15.86	0.04	7.96
2021-04-29 11:00:01	1	15.89	0.04	7.85
2021-04-29 12:00:01	1	15.82	0.04	7.77
2021-04-29 13:00:01	1	15.70	0.03	7.78
2021-04-29 14:00:01	1	15.81	0.03	7.71
2021-04-29 15:00:01	1	15.78	0.07	7.66
2021-04-29 16:00:01	1	15.70	0.03	7.54
2021-04-29 17:00:01	1	15.67	0.02	7.52
2021-04-29 18:00:01	1	15.46	0.02	7.54
2021-04-29 19:00:01	1	15.57	0.03	7.80
2021-04-29 20:00:01	1	16.76	0.03	8.11
2021-04-29 21:00:01	1	65.24	0.04	19.22
2021-04-29 22:00:01	1	15.59	0.03	8.24
2021-04-29 23:00:01	1	15.24	0.02	8.29

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-04-30 00:00:01	1	15.33	0.02	8.24
2021-04-30 01:00:01	1	15.23	0.02	8.24
2021-04-30 02:00:01	1	15.31	0.01	8.12
2021-04-30 03:00:01	1	15.35	0.01	8.11
2021-04-30 04:00:01	1	15.38	0.01	8.08
2021-04-30 05:00:01	1	15.49	0.01	8.05
2021-04-30 06:00:01	1	15.53	0.01	7.98
2021-04-30 07:00:01	1	15.72	0.01	8.07
2021-04-30 08:00:01	1	15.77	0.02	8.18
2021-04-30 09:00:01	1	15.75	0.03	7.90
2021-04-30 10:00:01	1	15.75	0.03	7.85
2021-04-30 11:00:01	1	14.99	0.04	7.74
2021-04-30 12:00:01	1	15.82	0.02	7.49
2021-04-30 13:00:01	1	16.18	0.01	7.44
2021-04-30 14:00:01	1	16.22	0.02	7.39
2021-04-30 15:00:01	1	16.33	0.06	7.44
2021-04-30 16:00:01	1	16.10	0.02	7.60
2021-04-30 17:00:01	1	16.91	0.04	8.13
2021-04-30 18:00:01	1	16.13	0.04	8.02
2021-04-30 19:00:01	1	15.86	0.04	8.11
2021-04-30 20:00:01	1	15.55	0.04	8.16
2021-04-30 21:00:01	1	66.41	0.07	19.05
2021-04-30 22:00:01	1	15.53	0.05	8.23
2021-04-30 23:00:01	1	15.49	0.04	8.27
2021-05-01 00:00:01	1	15.69	0.04	8.48
2021-05-01 01:00:01	1	15.37	0.04	8.72
2021-05-01 02:00:01	1	15.46	0.04	8.53
2021-05-01 03:00:01	1	15.45	0.04	8.48
2021-05-01 04:00:01	1	15.01	0.03	8.43
2021-05-01 05:00:01	1	15.13	0.03	8.39
2021-05-01 06:00:01	1	15.08	0.02	8.18
2021-05-01 07:00:01	1	15.14	0.02	8.23
2021-05-01 08:00:01	1	15.70	0.02	8.20
2021-05-01 09:00:01	1	15.78	0.04	8.17
2021-05-01 10:00:01	1	15.55	0.04	8.12
2021-05-01 11:00:01	1	15.52	0.03	7.93
2021-05-01 12:00:01	1	15.73	0.03	7.78
2021-05-01 13:00:01	1	15.89	0.03	7.73
2021-05-01 14:00:01	1	15.76	0.03	7.53
2021-05-01 15:00:01	1	15.94	0.03	7.40
2021-05-01 16:00:01	1	15.94	0.03	7.40
2021-05-01 17:00:01	1	15.79	0.07	7.44
2021-05-01 18:00:01	1	15.69	0.04	7.57
2021-05-01 19:00:01	1	15.65	0.04	7.80
2021-05-01 20:00:01	1	18.62	0.04	8.01
2021-05-01 21:00:01	1	65.76	0.04	19.32

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-01 22:00:01	1	15.21	0.03	8.17
2021-05-01 23:00:01	1	15.58	0.03	8.22
2021-05-02 00:00:01	1	15.37	0.03	8.21
2021-05-02 01:00:01	1	15.23	0.03	8.30
2021-05-02 02:00:01	1	15.21	0.03	8.37
2021-05-02 03:00:01	1	15.05	0.03	8.38
2021-05-02 04:00:01	1	15.21	0.03	8.48
2021-05-02 05:00:01	1	15.04	0.03	8.48
2021-05-02 06:00:01	1	15.23	0.03	8.51
2021-05-02 07:00:01	1	15.39	0.03	8.56
2021-05-02 08:00:01	1	15.20	0.04	8.59
2021-05-02 09:00:01	1	15.29	0.05	8.35
2021-05-02 10:00:01	1	15.18	0.06	8.09
2021-05-02 11:00:01	1	15.58	0.06	7.95
2021-05-02 12:00:01	1	15.68	0.04	7.80
2021-05-02 13:00:01	1	15.95	0.04	7.72
2021-05-02 14:00:01	1	15.94	0.04	7.70
2021-05-02 15:00:01	1	15.74	0.05	7.72
2021-05-02 16:00:01	1	15.92	0.04	7.84
2021-05-02 17:00:01	1	15.53	0.08	7.91
2021-05-02 18:00:01	1	15.39	0.03	8.06
2021-05-02 19:00:01	1	15.41	0.03	8.10
2021-05-02 20:00:01	1	16.50	0.02	8.24
2021-05-02 21:00:01	1	66.16	0.03	19.50
2021-05-02 22:00:01	1	14.83	0.02	8.65
2021-05-02 23:00:01	1	15.06	0.02	8.06
2021-05-03 00:00:01	1	15.39	0.02	7.97
2021-05-03 01:00:01	1	15.48	0.02	8.05
2021-05-03 02:00:01	1	15.51	0.01	8.11
2021-05-03 03:00:01	1	16.24	0.01	8.02
2021-05-03 04:00:01	1	15.19	0.01	8.14
2021-05-03 05:00:01	1	15.16	0.01	8.17
2021-05-03 06:00:01	1	15.86	0.01	8.12
2021-05-03 07:00:01	1	15.58	0.01	8.26
2021-05-03 08:00:01	1	15.28	0.02	8.29
2021-05-03 09:00:01	1	15.41	0.02	8.08
2021-05-03 10:00:01	1	15.67	0.02	8.08
2021-05-03 11:00:01	1	15.65	0.02	7.92
2021-05-03 12:00:01	1	15.59	0.01	7.84
2021-05-03 13:00:01	1	15.56	0.01	7.81
2021-05-03 14:00:01	1	15.47	0.00	7.83
2021-05-03 15:00:01	1	15.62	0.01	7.88
2021-05-03 16:00:01	1	15.71	0.02	7.89
2021-05-03 17:00:01	1	15.98	0.06	7.93
2021-05-03 18:00:01	1	15.61	0.02	8.04
2021-05-03 19:00:01	1	15.43	0.02	8.22

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-03 20:00:01	1	15.21	0.02	8.21
2021-05-03 21:00:01	1	65.68	0.03	19.24
2021-05-03 22:00:01	1	15.26	0.02	8.24
2021-05-03 23:00:01	1	15.26	0.02	8.28
2021-05-04 00:00:01	1	15.38	0.03	8.36
2021-05-04 01:00:01	1	15.39	0.03	8.29
2021-05-04 02:00:01	1	15.92	0.03	8.31
2021-05-04 03:00:01	1	15.34	0.03	8.35
2021-05-04 04:00:01	1	15.31	0.03	8.35
2021-05-04 05:00:01	1	15.48	0.02	8.50
2021-05-04 06:00:01	1	15.40	0.01	8.47
2021-05-04 07:00:01	1	15.32	0.02	8.56
2021-05-04 08:00:01	1	15.37	0.02	8.52
2021-05-04 09:00:01	1	15.24	0.02	8.34
2021-05-04 10:00:01	1	16.49	0.02	8.39
2021-05-04 11:00:01	1	19.71	0.02	8.25
2021-05-04 12:00:01	1	18.13	0.02	8.26
2021-05-04 13:00:01	1	15.33	0.02	8.58
2021-05-04 14:00:01	1	15.43	0.01	8.56
2021-05-04 15:00:01	1	15.40	0.02	8.52
2021-05-04 16:00:01	1	15.23	0.02	8.50
2021-05-04 17:00:01	1	15.22	0.06	8.46
2021-05-04 18:00:01	1	15.28	0.01	8.45
2021-05-04 19:00:01	1	15.38	0.02	8.45
2021-05-04 20:00:01	1	15.54	0.02	8.49
2021-05-04 21:00:01	1	65.67	0.02	19.68
2021-05-04 22:00:01	1	15.15	0.01	8.76
2021-05-04 23:00:01	1	15.50	0.01	9.22
2021-05-05 00:00:01	1	15.73	0.02	8.96
2021-05-05 01:00:01	1	15.59	0.00	8.80
2021-05-05 02:00:01	1	15.63	0.00	8.74
2021-05-05 03:00:01	1	15.41	0.01	8.75
2021-05-05 04:00:01	1	15.38	0.00	8.75
2021-05-05 05:00:01	1	15.53	0.01	8.77
2021-05-05 06:00:01	1	15.34	0.01	8.75
2021-05-05 07:00:01	1	15.02	0.01	8.76
2021-05-05 08:00:01	1	16.77	0.01	8.84
2021-05-05 09:00:01	1	15.26	0.01	8.81
2021-05-05 10:00:01	1	15.32	0.01	8.87
2021-05-05 11:00:01	1	15.49	0.00	8.83
2021-05-05 12:00:01	1	15.49	0.00	8.75
2021-05-05 13:00:01	1	15.47	0.00	8.63
2021-05-05 14:00:01	1	15.34	0.00	8.56
2021-05-05 15:00:01	1	14.92	0.00	8.15
2021-05-05 16:00:01	1	15.34	0.00	7.24
2021-05-05 17:00:01	1	15.95	0.05	6.78

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-05 18:00:01	1	15.56	0.00	6.51
2021-05-05 19:00:01	1	14.42	0.01	6.34
2021-05-05 20:00:01	1	14.70	0.01	5.57
2021-05-05 21:00:01	1	66.15	0.01	15.90
2021-05-05 22:00:01	1	16.00	0.01	5.06
2021-05-05 23:00:01	1	16.01	0.01	4.82
2021-05-06 00:00:01	1	15.76	0.01	4.81
2021-05-06 01:00:01	1	15.90	0.01	4.81
2021-05-06 02:00:01	1	15.75	0.01	4.81
2021-05-06 03:00:01	1	15.79	0.01	4.81
2021-05-06 04:00:01	1	15.83	0.01	4.82
2021-05-06 05:00:01	1	15.84	0.01	4.84
2021-05-06 06:00:01	1	15.78	0.01	4.81
2021-05-06 07:00:01	1	16.02	0.01	4.95
2021-05-06 08:00:01	1	15.50	0.00	4.97
2021-05-06 09:00:01	1	15.91	0.00	4.82
2021-05-06 10:00:01	1	16.11	0.02	4.81
2021-05-06 11:00:01	1	17.65	0.02	4.40
2021-05-06 12:00:01	1	16.37	0.03	4.67
2021-05-06 13:00:01	1	15.84	0.02	4.65
2021-05-06 14:00:01	1	15.73	0.02	4.62
2021-05-06 15:00:01	1	15.85	0.02	4.58
2021-05-06 16:00:01	1	15.41	0.02	4.58
2021-05-06 17:00:01	1	15.63	0.06	4.55
2021-05-06 18:00:01	1	15.49	0.02	4.64
2021-05-06 19:00:01	1	15.60	0.01	4.64
2021-05-06 20:00:01	1	15.53	0.01	4.74
2021-05-06 21:00:01	1	65.71	0.01	15.56
2021-05-06 22:00:01	1	15.69	0.01	4.77
2021-05-06 23:00:01	1	15.52	0.01	4.87
2021-05-07 00:00:01	1	15.55	0.01	5.00
2021-05-07 01:00:01	1	15.67	0.01	4.83
2021-05-07 02:00:01	1	15.57	0.01	4.85
2021-05-07 03:00:01	1	15.83	0.01	4.84
2021-05-07 04:00:01	1	15.57	0.00	4.85
2021-05-07 05:00:01	1	15.55	0.01	4.79
2021-05-07 06:00:01	1	15.70	0.01	4.65
2021-05-07 07:00:01	1	15.76	0.01	4.65
2021-05-07 08:00:01	1	15.45	0.01	4.71
2021-05-07 09:00:01	1	15.36	0.02	4.50
2021-05-07 10:00:01	1	12.89	0.05	3.49
2021-05-07 11:00:01	1	67.38	0.05	3.81
2021-05-07 12:00:01	1	15.46	0.03	4.46
2021-05-07 13:00:01	1	15.48	0.02	4.52
2021-05-07 14:00:01	1	15.44	0.02	4.42
2021-05-07 15:00:01	1	15.55	0.03	4.45

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-07 16:00:01	1	15.53	0.03	4.44
2021-05-07 17:00:01	1	15.41	0.06	4.47
2021-05-07 18:00:01	1	15.50	0.02	4.47
2021-05-07 19:00:01	1	15.55	0.01	4.47
2021-05-07 20:00:01	1	15.26	0.01	4.60
2021-05-07 21:00:01	1	65.13	0.01	15.69
2021-05-07 22:00:01	1	15.84	0.01	4.66
2021-05-07 23:00:01	1	15.77	0.01	4.65
2021-05-08 00:00:01	1	15.84	0.01	4.65
2021-05-08 01:00:01	1	15.79	0.01	4.65
2021-05-08 02:00:01	1	15.87	0.00	4.64
2021-05-08 03:00:01	1	15.81	0.01	4.67
2021-05-08 04:00:01	1	15.68	0.01	4.68
2021-05-08 05:00:01	1	15.97	0.01	4.83
2021-05-08 06:00:01	1	15.87	0.01	4.73
2021-05-08 07:00:01	1	16.01	0.02	4.86
2021-05-08 08:00:01	1	16.21	0.01	4.86
2021-05-08 09:00:01	1	15.81	0.02	4.78
2021-05-08 10:00:01	1	15.80	0.02	4.70
2021-05-08 11:00:01	1	15.66	0.01	4.62
2021-05-08 12:00:01	1	15.79	0.01	4.48
2021-05-08 13:00:01	1	15.67	0.00	4.50
2021-05-08 14:00:01	1	15.79	0.00	4.46
2021-05-08 15:00:01	1	15.69	0.01	4.47
2021-05-08 16:00:01	1	15.83	0.02	4.44
2021-05-08 17:00:01	1	15.64	0.06	4.47
2021-05-08 18:00:01	1	15.61	0.02	4.47
2021-05-08 19:00:01	1	16.04	0.02	4.55
2021-05-08 20:00:01	1	15.45	0.02	4.67
2021-05-08 21:00:01	1	66.52	0.02	15.72
2021-05-08 22:00:01	1	16.00	0.02	4.86
2021-05-08 23:00:01	1	15.72	0.01	4.86
2021-05-09 00:00:01	1	15.66	0.01	4.86
2021-05-09 01:00:01	1	15.78	0.01	4.87
2021-05-09 02:00:01	1	15.59	0.01	4.73
2021-05-09 03:00:01	1	15.94	0.00	4.79
2021-05-09 04:00:01	1	15.79	0.01	4.87
2021-05-09 05:00:01	1	15.86	0.01	4.89
2021-05-09 06:00:01	1	15.94	0.01	4.87
2021-05-09 07:00:01	1	15.88	0.01	4.87
2021-05-09 08:00:01	1	16.04	0.01	4.75
2021-05-09 09:00:01	1	16.02	0.01	4.64
2021-05-09 10:00:01	1	16.17	0.01	4.66
2021-05-09 11:00:01	1	15.87	0.01	4.49
2021-05-09 12:00:01	1	15.74	0.00	4.49
2021-05-09 13:00:01	1	16.04	0.00	4.50

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-09 14:00:01	1	15.64	0.00	4.45
2021-05-09 15:00:01	1	15.58	0.01	4.47
2021-05-09 16:00:01	1	15.74	0.02	4.43
2021-05-09 17:00:01	1	15.79	0.06	4.45
2021-05-09 18:00:01	1	15.51	0.02	4.50
2021-05-09 19:00:01	1	15.60	0.03	4.65
2021-05-09 20:00:01	1	15.27	0.03	4.65
2021-05-09 21:00:01	1	64.98	0.04	15.68
2021-05-09 22:00:01	1	15.88	0.03	4.72
2021-05-09 23:00:01	1	15.65	0.02	4.66
2021-05-10 00:00:01	1	15.21	0.02	4.65
2021-05-10 01:00:01	1	15.78	0.02	4.67
2021-05-10 02:00:01	1	15.71	0.02	4.66
2021-05-10 03:00:01	1	15.61	0.01	4.69
2021-05-10 04:00:01	1	15.71	0.01	4.70
2021-05-10 05:00:01	1	15.79	0.01	4.71
2021-05-10 06:00:01	1	15.83	0.00	4.69
2021-05-10 07:00:01	1	15.98	0.00	4.69
2021-05-10 08:00:01	1	16.02	0.00	4.69
2021-05-10 09:00:01	1	15.89	0.00	4.65
2021-05-10 10:00:01	1	15.73	0.00	4.70
2021-05-10 11:00:01	1	15.75	0.00	4.56
2021-05-10 12:00:01	1	15.93	0.00	4.48
2021-05-10 13:00:01	1	15.89	0.00	4.47
2021-05-10 14:00:01	1	15.80	0.00	4.47
2021-05-10 15:00:01	1	15.71	0.00	4.48
2021-05-10 16:00:01	1	15.69	0.01	4.48
2021-05-10 17:00:01	1	15.82	0.06	4.49
2021-05-10 18:00:01	1	15.66	0.02	4.49
2021-05-10 19:00:01	1	15.83	0.02	4.67
2021-05-10 20:00:01	1	16.54	0.02	4.70
2021-05-10 21:00:01	1	65.94	0.03	16.01
2021-05-10 22:00:01	1	15.69	0.02	4.83
2021-05-10 23:00:01	1	15.22	0.02	4.63
2021-05-11 00:00:01	1	15.59	0.02	4.53
2021-05-11 01:00:01	1	16.32	0.01	4.55
2021-05-11 02:00:01	1	16.64	0.01	4.53
2021-05-11 03:00:01	1	15.69	0.01	4.61
2021-05-11 04:00:01	1	15.09	0.01	4.70
2021-05-11 05:00:01	1	15.58	0.01	4.72
2021-05-11 06:00:01	1	15.80	0.01	4.69
2021-05-11 07:00:01	1	15.93	0.00	4.73
2021-05-11 08:00:01	1	15.35	0.00	4.88
2021-05-11 09:00:01	1	15.47	0.00	5.22
2021-05-11 10:00:01	1	15.92	0.00	5.42
2021-05-11 11:00:01	1	15.82	0.00	5.60

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-11 12:00:01	1	15.85	0.00	5.76
2021-05-11 13:00:01	1	16.07	0.00	5.93
2021-05-11 14:00:01	1	16.02	0.01	6.61
2021-05-11 15:00:01	1	16.34	0.01	7.02
2021-05-11 16:00:01	1	15.99	0.01	7.36
2021-05-11 17:00:01	1	15.89	0.06	7.59
2021-05-11 18:00:01	1	15.71	0.01	7.96
2021-05-11 19:00:01	1	15.30	0.02	8.19
2021-05-11 20:00:01	1	17.81	0.01	8.38
2021-05-11 21:00:01	1	67.56	0.02	20.40
2021-05-11 22:00:01	1	16.50	0.02	10.27
2021-05-11 23:00:01	1	16.09	0.02	10.64
2021-05-12 00:00:01	1	16.76	0.02	11.00
2021-05-12 01:00:01	1	15.92	0.02	11.37
2021-05-12 02:00:01	1	16.29	0.04	11.63
2021-05-12 03:00:01	1	17.29	0.09	11.89
2021-05-12 04:00:01	1	16.75	0.08	11.82
2021-05-12 05:00:01	1	16.40	0.05	11.80
2021-05-12 06:00:01	1	16.62	0.04	11.33
2021-05-12 07:00:01	1	16.29	0.04	11.26
2021-05-12 08:00:01	1	16.34	0.28	10.91
2021-05-12 09:00:01	1	15.41	0.49	10.68
2021-05-12 10:00:01	1	15.80	0.33	10.57
2021-05-12 11:00:01	1	16.46	0.12	9.77
2021-05-12 12:00:01	1	16.29	0.04	7.75
2021-05-12 13:00:01	1	15.62	0.03	7.30
2021-05-12 14:00:01	1	15.89	0.02	6.97
2021-05-12 15:00:01	1	14.67	0.03	6.23
2021-05-12 16:00:01	1	14.22	0.03	5.58
2021-05-12 17:00:01	1	15.28	0.07	5.47
2021-05-12 18:00:01	1	15.50	0.02	5.22
2021-05-12 19:00:01	1	15.79	0.03	5.50
2021-05-12 20:00:01	1	15.44	0.03	5.56
2021-05-12 21:00:01	1	66.42	0.03	16.42
2021-05-12 22:00:01	1	16.23	0.02	5.57
2021-05-12 23:00:01	1	16.40	0.03	5.71
2021-05-13 00:00:01	1	16.08	0.03	5.73
2021-05-13 01:00:01	1	16.30	0.02	5.72
2021-05-13 02:00:01	1	15.80	0.02	5.61
2021-05-13 03:00:01	1	15.60	0.01	5.67
2021-05-13 04:00:01	1	15.93	0.01	5.56
2021-05-13 05:00:01	1	16.07	0.01	5.56
2021-05-13 06:00:01	1	16.42	0.01	5.62
2021-05-13 07:00:01	1	16.02	0.01	5.57
2021-05-13 08:00:01	1	16.16	0.01	5.57
2021-05-13 09:00:01	1	16.02	0.02	5.60

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-13 10:00:01	1	15.87	0.02	5.61
2021-05-13 11:00:01	1	15.28	0.01	5.43
2021-05-13 12:00:01	1	15.70	0.02	5.30
2021-05-13 13:00:01	1	16.02	0.01	5.06
2021-05-13 14:00:01	1	15.87	0.01	4.97
2021-05-13 15:00:01	1	15.92	0.01	4.97
2021-05-13 16:00:01	1	15.48	0.02	4.74
2021-05-13 17:00:01	1	16.07	0.07	3.99
2021-05-13 18:00:01	1	16.06	0.02	4.04
2021-05-13 19:00:01	1	16.13	0.02	4.08
2021-05-13 20:00:01	1	17.24	0.02	4.22
2021-05-13 21:00:01	1	67.11	0.03	15.27
2021-05-13 22:00:01	1	16.26	0.03	4.25
2021-05-13 23:00:01	1	16.23	0.02	4.23
2021-05-14 00:00:01	1	16.00	0.02	4.22
2021-05-14 01:00:01	1	15.88	0.01	4.08
2021-05-14 02:00:01	1	15.86	0.02	4.08
2021-05-14 03:00:01	1	16.15	0.02	4.09
2021-05-14 04:00:01	1	16.09	0.01	4.09
2021-05-14 05:00:01	1	16.14	0.01	4.15
2021-05-14 06:00:01	1	15.85	0.01	4.10
2021-05-14 07:00:01	1	16.07	0.01	4.12
2021-05-14 08:00:01	1	15.88	0.01	4.12
2021-05-14 09:00:01	1	15.89	0.01	4.07
2021-05-14 10:00:01	1	15.85	0.03	4.10
2021-05-14 11:00:01	1	15.97	0.05	3.93
2021-05-14 12:00:01	1	16.00	0.04	3.90
2021-05-14 13:00:01	1	15.96	0.01	3.92
2021-05-14 14:00:01	1	15.97	0.00	3.91
2021-05-14 15:00:01	1	15.90	0.01	3.91
2021-05-14 16:00:01	1	15.96	0.02	3.83
2021-05-14 17:00:01	1	15.86	0.06	3.90
2021-05-14 18:00:01	1	15.77	0.02	3.98
2021-05-14 19:00:01	1	15.74	0.02	4.10
2021-05-14 20:00:01	1	15.62	0.02	4.12
2021-05-14 21:00:01	1	65.82	0.03	15.33
2021-05-14 22:00:01	1	16.06	0.02	4.25
2021-05-14 23:00:01	1	16.22	0.02	4.25
2021-05-15 00:00:01	1	15.87	0.01	4.26
2021-05-15 01:00:01	1	15.68	0.01	4.27
2021-05-15 02:00:01	1	15.85	0.01	4.27
2021-05-15 03:00:01	1	15.84	0.01	4.19
2021-05-15 04:00:01	1	16.01	0.01	4.19
2021-05-15 05:00:01	1	15.88	0.01	4.14
2021-05-15 06:00:01	1	16.15	0.00	4.24
2021-05-15 07:00:01	1	16.16	0.00	4.30

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-15 08:00:01	1	16.50	0.00	4.26
2021-05-15 09:00:01	1	16.16	0.01	4.11
2021-05-15 10:00:01	1	16.13	0.12	4.12
2021-05-15 11:00:01	1	16.11	0.07	4.09
2021-05-15 12:00:01	1	16.05	0.08	4.03
2021-05-15 13:00:01	1	16.03	0.08	3.95
2021-05-15 14:00:01	1	76.33	0.03	40.76
2021-05-15 15:00:01	1	16.27	0.00	5.01
2021-05-15 16:00:01	1	16.36	0.00	5.02
2021-05-15 17:00:01	1	16.26	0.05	5.01
2021-05-15 18:00:01	1	16.32	0.00	5.04
2021-05-15 19:00:01	1	16.53	0.00	5.23
2021-05-15 20:00:01	1	16.69	0.01	5.29
2021-05-15 21:00:01	1	69.78	0.01	18.55
2021-05-15 22:00:01	1	16.23	0.01	4.81
2021-05-15 23:00:01	1	16.39	0.00	4.88
2021-05-16 00:00:01	1	16.11	0.00	4.75
2021-05-16 01:00:01	1	15.97	0.00	4.73
2021-05-16 02:00:01	1	16.21	0.00	4.71
2021-05-16 03:00:01	1	16.09	0.00	4.72
2021-05-16 04:00:01	1	16.28	0.00	4.72
2021-05-16 05:00:01	1	16.23	0.00	4.73
2021-05-16 06:00:01	1	16.31	0.00	4.73
2021-05-16 07:00:01	1	16.26	0.00	4.77
2021-05-16 08:00:01	1	16.57	0.00	4.78
2021-05-16 09:00:01	1	16.51	0.00	4.68
2021-05-16 10:00:01	1	15.82	0.13	4.73
2021-05-16 11:00:01	1	15.99	0.09	4.71
2021-05-16 12:00:01	1	16.21	0.13	4.60
2021-05-16 13:00:01	1	16.09	0.03	4.55
2021-05-16 14:00:01	1	16.15	0.02	4.54
2021-05-16 15:00:01	1	16.12	0.00	4.53
2021-05-16 16:00:01	1	16.11	0.00	4.48
2021-05-16 17:00:01	1	16.17	0.05	4.55
2021-05-16 18:00:01	1	15.98	0.00	4.57
2021-05-16 19:00:01	1	16.10	0.00	4.60
2021-05-16 20:00:01	1	16.95	0.00	4.75
2021-05-16 21:00:01	1	67.39	0.00	16.68
2021-05-16 22:00:01	1	16.19	0.00	4.93
2021-05-16 23:00:01	1	16.14	0.00	4.88
2021-05-17 00:00:01	1	16.09	0.00	4.86
2021-05-17 01:00:01	1	16.16	0.00	4.73
2021-05-17 02:00:01	1	16.14	0.00	4.85
2021-05-17 03:00:01	1	16.22	0.00	4.73
2021-05-17 04:00:01	1	16.07	0.00	4.72
2021-05-17 05:00:01	1	15.95	0.00	4.77

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-17 06:00:01	1	16.20	0.00	4.72
2021-05-17 07:00:01	1	16.26	0.00	4.94
2021-05-17 08:00:01	1	16.51	0.00	4.94
2021-05-17 09:00:01	1	16.03	0.00	4.77
2021-05-17 10:00:01	1	16.35	0.00	4.73
2021-05-17 11:00:01	1	85.67	0.00	28.84
2021-05-17 12:00:01	1	16.26	0.00	4.61
2021-05-17 13:00:01	1	16.52	0.00	4.55
2021-05-17 14:00:01	1	16.16	0.00	4.51
2021-05-17 15:00:01	1	15.99	0.00	4.53
2021-05-17 16:00:01	1	15.84	0.00	4.54
2021-05-17 17:00:01	1	16.01	0.04	4.54
2021-05-17 18:00:01	1	15.99	0.00	4.55
2021-05-17 19:00:01	1	16.02	0.00	4.62
2021-05-17 20:00:01	1	16.33	0.00	4.70
2021-05-17 21:00:01	1	67.40	0.00	16.84
2021-05-17 22:00:01	1	16.04	0.00	4.76
2021-05-17 23:00:01	1	16.30	0.00	4.88
2021-05-18 00:00:01	1	16.23	0.00	4.92
2021-05-18 01:00:01	1	16.16	0.00	4.92
2021-05-18 02:00:01	1	16.03	0.00	4.91
2021-05-18 03:00:01	1	16.95	0.00	4.92
2021-05-18 04:00:01	1	15.96	0.00	4.90
2021-05-18 05:00:01	1	15.88	0.00	4.86
2021-05-18 06:00:01	1	15.87	0.00	4.72
2021-05-18 07:00:01	1	16.33	0.00	4.72
2021-05-18 08:00:01	1	16.32	0.00	4.89
2021-05-18 09:00:01	1	15.94	0.00	4.84
2021-05-18 10:00:01	1	15.59	0.00	5.49
2021-05-18 11:00:01	1	15.75	0.00	6.17
2021-05-18 12:00:01	1	16.08	0.00	6.11
2021-05-18 13:00:01	1	16.19	0.00	6.27
2021-05-18 14:00:01	1	16.46	0.00	6.22
2021-05-18 15:00:01	1	16.25	0.00	6.11
2021-05-18 16:00:01	1	16.04	0.00	6.22
2021-05-18 17:00:01	1	16.03	0.04	6.30
2021-05-18 18:00:01	1	16.07	0.00	6.30
2021-05-18 19:00:01	1	16.04	0.00	6.36
2021-05-18 20:00:01	1	15.31	0.00	6.46
2021-05-18 21:00:01	1	67.09	0.00	18.65
2021-05-18 22:00:01	1	15.98	0.00	6.82
2021-05-18 23:00:01	1	16.11	0.00	6.80
2021-05-19 00:00:01	1	16.09	0.00	6.80
2021-05-19 01:00:01	1	15.88	0.00	6.80
2021-05-19 02:00:01	1	15.96	0.00	6.82
2021-05-19 03:00:01	1	16.41	0.00	6.72

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-19 04:00:01	1	15.69	0.00	6.82
2021-05-19 05:00:01	1	16.08	0.00	6.70
2021-05-19 06:00:01	1	15.83	0.00	6.71
2021-05-19 07:00:01	1	15.59	0.00	6.85
2021-05-19 08:00:01	1	16.41	0.00	6.76
2021-05-19 09:00:01	1	16.20	0.00	6.69
2021-05-19 10:00:01	1	15.60	0.00	6.74
2021-05-19 11:00:01	1	15.70	0.00	6.57
2021-05-19 12:00:01	1	16.01	0.00	6.49
2021-05-19 13:00:01	1	15.95	0.00	6.50
2021-05-19 14:00:01	1	15.97	0.00	6.33
2021-05-19 15:00:01	1	15.93	0.00	6.31
2021-05-19 16:00:01	1	16.08	0.00	6.28
2021-05-19 17:00:01	1	16.12	0.05	6.31
2021-05-19 18:00:01	1	15.92	0.00	6.50
2021-05-19 19:00:01	1	15.99	0.00	6.63
2021-05-19 20:00:01	1	16.72	0.00	6.70
2021-05-19 21:00:01	1	67.61	0.00	18.81
2021-05-19 22:00:01	1	15.68	0.00	6.74
2021-05-19 23:00:01	1	15.80	0.00	6.73
2021-05-20 00:00:01	1	15.72	0.00	6.73
2021-05-20 01:00:01	1	15.72	0.00	6.70
2021-05-20 02:00:01	1	15.69	0.00	6.73
2021-05-20 03:00:01	1	15.67	0.00	6.82
2021-05-20 04:00:01	1	15.58	0.00	6.80
2021-05-20 05:00:01	1	16.54	0.00	6.85
2021-05-20 06:00:01	1	15.71	0.00	6.83
2021-05-20 07:00:01	1	15.69	0.00	6.88
2021-05-20 08:00:01	1	15.84	0.00	6.82
2021-05-20 09:00:01	1	15.84	0.00	6.74
2021-05-20 10:00:01	1	15.50	0.00	6.73
2021-05-20 11:00:01	1	15.43	0.00	6.67
2021-05-20 12:00:01	1	15.86	0.00	6.57
2021-05-20 13:00:01	1	15.89	0.00	6.47
2021-05-20 14:00:01	1	16.05	0.00	6.29
2021-05-20 15:00:01	1	16.35	0.00	6.13
2021-05-20 16:00:01	1	16.44	0.00	6.11
2021-05-20 17:00:01	1	16.26	0.04	6.18
2021-05-20 18:00:01	1	16.10	0.00	6.23
2021-05-20 19:00:01	1	15.98	0.00	6.42
2021-05-20 20:00:01	1	16.80	0.00	6.61
2021-05-20 21:00:01	1	67.58	0.00	18.94
2021-05-20 22:00:01	1	15.58	0.00	6.77
2021-05-20 23:00:01	1	15.73	0.00	6.70
2021-05-21 00:00:01	1	15.73	0.00	6.71
2021-05-21 01:00:01	1	15.76	0.00	6.59

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-21 02:00:01	1	15.84	0.00	6.56
2021-05-21 03:00:01	1	15.88	0.00	6.66
2021-05-21 04:00:01	1	15.81	0.00	6.77
2021-05-21 05:00:01	1	16.71	0.00	6.83
2021-05-21 06:00:01	1	15.80	0.00	6.81
2021-05-21 07:00:01	1	15.94	0.00	6.78
2021-05-21 08:00:01	1	15.99	0.00	6.81
2021-05-21 09:00:01	1	16.00	0.00	6.81
2021-05-21 10:00:01	1	15.97	0.00	6.73
2021-05-21 11:00:01	1	15.99	0.00	6.57
2021-05-21 12:00:01	1	16.13	0.00	6.38
2021-05-21 13:00:01	1	16.08	0.00	6.33
2021-05-21 14:00:01	1	16.15	0.00	6.15
2021-05-21 15:00:01	1	16.17	0.00	6.00
2021-05-21 16:00:01	1	16.15	0.00	5.96
2021-05-21 17:00:01	1	16.19	0.04	6.04
2021-05-21 18:00:01	1	16.00	0.00	6.40
2021-05-21 19:00:01	1	16.03	0.00	6.86
2021-05-21 20:00:01	1	16.28	0.00	7.21
2021-05-21 21:00:01	1	66.97	0.00	19.24
2021-05-21 22:00:01	1	15.62	0.00	7.02
2021-05-21 23:00:01	1	15.50	0.00	7.02
2021-05-22 00:00:01	1	15.36	0.00	6.98
2021-05-22 01:00:01	1	15.31	0.00	6.80
2021-05-22 02:00:01	1	15.69	0.00	6.88
2021-05-22 03:00:01	1	15.38	0.00	6.98
2021-05-22 04:00:01	1	15.93	0.00	6.88
2021-05-22 05:00:01	1	15.82	0.00	6.91
2021-05-22 06:00:01	1	15.89	0.00	6.85
2021-05-22 07:00:01	1	15.88	0.00	6.94
2021-05-22 08:00:01	1	15.95	0.00	6.92
2021-05-22 09:00:01	1	16.04	0.00	6.85
2021-05-22 10:00:01	1	15.85	0.00	6.82
2021-05-22 11:00:01	1	15.85	0.00	6.65
2021-05-22 12:00:01	1	15.99	0.00	6.63
2021-05-22 13:00:01	1	15.83	0.00	6.64
2021-05-22 14:00:01	1	15.71	0.00	6.52
2021-05-22 15:00:01	1	15.55	0.00	6.44
2021-05-22 16:00:01	1	15.65	0.00	6.36
2021-05-22 17:00:01	1	16.01	0.04	6.39
2021-05-22 18:00:01	1	15.68	0.00	6.62
2021-05-22 19:00:01	1	15.72	0.00	6.67
2021-05-22 20:00:01	1	16.04	0.00	7.00
2021-05-22 21:00:01	1	66.17	0.00	19.24
2021-05-22 22:00:01	1	15.45	0.00	6.96
2021-05-22 23:00:01	1	15.38	0.00	7.01

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-23 00:00:01	1	15.48	0.00	7.25
2021-05-23 01:00:01	1	15.31	0.00	7.30
2021-05-23 02:00:01	1	15.02	0.00	7.06
2021-05-23 03:00:01	1	15.29	0.00	7.06
2021-05-23 04:00:01	1	15.48	0.00	7.10
2021-05-23 05:00:01	1	15.19	0.00	7.23
2021-05-23 06:00:01	1	15.55	0.00	7.14
2021-05-23 07:00:01	1	15.63	0.00	7.20
2021-05-23 08:00:01	1	15.88	0.00	7.01
2021-05-23 09:00:01	1	15.59	0.00	6.83
2021-05-23 10:00:01	1	15.76	0.00	6.72
2021-05-23 11:00:01	1	15.73	0.00	6.54
2021-05-23 12:00:01	1	15.87	0.01	6.49
2021-05-23 13:00:01	1	15.91	0.00	6.46
2021-05-23 14:00:01	1	15.92	0.00	6.63
2021-05-23 15:00:01	1	15.98	0.00	6.45
2021-05-23 16:00:01	1	15.96	0.00	6.53
2021-05-23 17:00:01	1	15.97	0.04	6.37
2021-05-23 18:00:01	1	15.85	0.00	6.48
2021-05-23 19:00:01	1	15.64	0.00	6.66
2021-05-23 20:00:01	1	15.92	0.00	6.72
2021-05-23 21:00:01	1	67.32	0.00	18.87
2021-05-23 22:00:01	1	15.63	0.00	6.85
2021-05-23 23:00:01	1	15.58	0.00	6.97
2021-05-24 00:00:01	1	15.15	0.00	6.86
2021-05-24 01:00:01	1	15.68	0.00	6.84
2021-05-24 02:00:01	1	15.46	0.00	6.85
2021-05-24 03:00:01	1	15.56	0.00	6.90
2021-05-24 04:00:01	1	15.74	0.00	6.87
2021-05-24 05:00:01	1	15.66	0.00	6.89
2021-05-24 06:00:01	1	15.57	0.00	6.88
2021-05-24 07:00:01	1	15.62	0.00	6.98
2021-05-24 08:00:01	1	15.58	0.00	7.01
2021-05-24 09:00:01	1	15.34	0.00	6.93
2021-05-24 10:00:01	1	15.63	0.00	6.78
2021-05-24 11:00:01	1	16.19	0.00	5.71
2021-05-24 12:00:01	1	15.51	0.00	5.35
2021-05-24 13:00:01	1	15.60	0.01	5.18
2021-05-24 14:00:01	1	15.98	0.00	5.09
2021-05-24 15:00:01	1	15.63	0.00	5.19
2021-05-24 16:00:01	1	14.98	0.00	5.16
2021-05-24 17:00:01	1	15.19	0.04	5.16
2021-05-24 18:00:01	1	15.59	0.00	5.16
2021-05-24 19:00:01	1	16.11	0.00	5.16
2021-05-24 20:00:01	1	16.38	0.00	5.18
2021-05-24 21:00:01	1	67.09	0.00	17.53

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-24 22:00:01	1	15.75	0.00	5.23
2021-05-24 23:00:01	1	15.45	0.00	5.16
2021-05-25 00:00:01	1	15.59	0.00	5.16
2021-05-25 01:00:01	1	16.03	0.00	5.18
2021-05-25 02:00:01	1	15.82	0.00	5.21
2021-05-25 03:00:01	1	15.55	0.00	5.26
2021-05-25 04:00:01	1	15.66	0.00	5.23
2021-05-25 05:00:01	1	15.68	0.00	5.19
2021-05-25 06:00:01	1	15.60	0.00	5.27
2021-05-25 07:00:01	1	15.65	0.00	5.36
2021-05-25 08:00:01	1	15.87	0.00	5.37
2021-05-25 09:00:01	1	15.53	0.00	5.32
2021-05-25 10:00:01	1	15.63	0.00	5.38
2021-05-25 11:00:01	1	15.67	0.00	5.38
2021-05-25 12:00:01	1	15.78	0.02	5.22
2021-05-25 13:00:01	1	15.84	0.11	5.19
2021-05-25 14:00:01	1	15.62	0.14	5.18
2021-05-25 15:00:01	1	15.73	0.04	5.18
2021-05-25 16:00:01	1	15.64	0.06	5.18
2021-05-25 17:00:01	1	15.71	0.06	5.17
2021-05-25 18:00:01	1	15.64	0.02	5.20
2021-05-25 19:00:01	1	15.61	0.00	5.37
2021-05-25 20:00:01	1	16.22	0.00	5.04
2021-05-25 21:00:01	1	67.93	0.00	16.88
2021-05-25 22:00:01	1	15.87	0.01	4.80
2021-05-25 23:00:01	1	15.61	0.09	4.92
2021-05-26 00:00:01	1	16.13	0.03	4.93
2021-05-26 01:00:01	1	15.98	0.02	4.93
2021-05-26 02:00:01	1	15.82	0.01	4.93
2021-05-26 03:00:01	1	15.90	0.02	4.95
2021-05-26 04:00:01	1	15.98	0.02	5.05
2021-05-26 05:00:01	1	16.12	0.01	5.08
2021-05-26 06:00:01	1	15.91	0.00	5.04
2021-05-26 07:00:01	1	15.89	0.00	5.03
2021-05-26 08:00:01	1	15.71	0.00	5.03
2021-05-26 09:00:01	1	15.73	0.00	4.92
2021-05-26 10:00:01	1	16.65	0.00	4.88
2021-05-26 11:00:01	1	16.47	0.00	4.39
2021-05-26 12:00:01	1	16.33	0.00	4.36
2021-05-26 13:00:01	1	16.42	0.00	4.59
2021-05-26 14:00:01	1	16.44	0.02	4.49
2021-05-26 15:00:01	1	16.31	0.00	4.47
2021-05-26 16:00:01	1	16.37	0.00	4.43
2021-05-26 17:00:01	1	16.22	0.04	4.47
2021-05-26 18:00:01	1	16.02	0.00	4.48
2021-05-26 19:00:01	1	16.29	0.00	4.58

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-26 20:00:01	1	16.92	0.00	4.66
2021-05-26 21:00:01	1	66.99	0.00	16.51
2021-05-26 22:00:01	1	16.22	0.00	4.66
2021-05-26 23:00:01	1	16.36	0.00	4.64
2021-05-27 00:00:01	1	15.50	0.00	4.66
2021-05-27 01:00:01	1	15.71	0.00	4.68
2021-05-27 02:00:01	1	15.97	0.00	4.68
2021-05-27 03:00:01	1	16.27	0.00	4.69
2021-05-27 04:00:01	1	16.35	0.00	4.69
2021-05-27 05:00:01	1	16.29	0.00	4.63
2021-05-27 06:00:01	1	16.08	0.00	4.52
2021-05-27 07:00:01	1	16.09	0.00	4.53
2021-05-27 08:00:01	1	15.71	0.00	4.53
2021-05-27 09:00:01	1	15.75	0.05	4.51
2021-05-27 10:00:01	1	15.77	0.11	4.52
2021-05-27 11:00:01	1	15.84	0.04	4.50
2021-05-27 12:00:01	1	16.47	0.06	4.49
2021-05-27 13:00:01	1	17.63	0.00	4.49
2021-05-27 14:00:01	1	18.02	0.00	4.52
2021-05-27 15:00:01	1	17.56	0.00	4.49
2021-05-27 16:00:01	1	17.60	0.00	4.49
2021-05-27 17:00:01	1	17.72	0.04	4.50
2021-05-27 18:00:01	1	17.58	0.00	4.51
2021-05-27 19:00:01	1	17.85	0.00	4.53
2021-05-27 20:00:01	1	18.14	0.00	4.66
2021-05-27 21:00:01	1	66.73	0.00	16.98
2021-05-27 22:00:01	1	15.85	0.00	4.67
2021-05-27 23:00:01	1	15.72	0.00	4.67
2021-05-28 00:00:01	1	15.66	0.00	4.66
2021-05-28 01:00:01	1	15.61	0.00	4.64
2021-05-28 02:00:01	1	15.63	0.00	4.64
2021-05-28 03:00:01	1	15.76	0.00	4.62
2021-05-28 04:00:01	1	15.73	0.00	4.62
2021-05-28 05:00:01	1	16.24	0.00	4.63
2021-05-28 06:00:01	1	15.72	0.00	4.56
2021-05-28 07:00:01	1	15.76	0.00	4.62
2021-05-28 08:00:01	1	15.84	0.00	4.69
2021-05-28 09:00:01	1	15.43	0.00	4.59
2021-05-28 10:00:01	1	16.04	0.00	4.51
2021-05-28 11:00:01	1	16.05	0.01	4.58
2021-05-28 12:00:01	1	15.81	0.01	4.76
2021-05-28 13:00:01	1	15.71	0.00	4.65
2021-05-28 14:00:01	1	16.00	0.00	4.54
2021-05-28 15:00:01	1	15.88	0.00	4.57
2021-05-28 16:00:01	1	15.60	0.00	4.49
2021-05-28 17:00:01	1	15.15	0.04	4.49

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-28 18:00:01	1	15.19	0.00	4.61
2021-05-28 19:00:01	1	15.37	0.00	4.65
2021-05-28 20:00:01	1	16.67	0.00	4.66
2021-05-28 21:00:01	1	67.00	0.00	16.65
2021-05-28 22:00:01	1	15.58	0.00	4.67
2021-05-28 23:00:01	1	15.67	0.00	4.67
2021-05-29 00:00:01	1	15.56	0.00	4.66
2021-05-29 01:00:01	1	15.62	0.00	4.65
2021-05-29 02:00:01	1	15.73	0.00	4.65
2021-05-29 03:00:01	1	15.02	0.00	4.64
2021-05-29 04:00:01	1	14.86	0.00	4.66
2021-05-29 05:00:01	1	15.76	0.00	4.68
2021-05-29 06:00:01	1	15.68	0.00	4.66
2021-05-29 07:00:01	1	15.25	0.00	4.66
2021-05-29 08:00:01	1	15.09	0.00	4.66
2021-05-29 09:00:01	1	15.57	0.00	4.64
2021-05-29 10:00:01	1	15.58	0.00	4.67
2021-05-29 11:00:01	1	15.69	0.00	4.64
2021-05-29 12:00:01	1	15.68	0.00	5.06
2021-05-29 13:00:01	1	15.69	0.00	5.10
2021-05-29 14:00:01	1	15.73	0.00	5.09
2021-05-29 15:00:01	1	15.63	0.00	5.08
2021-05-29 16:00:01	1	15.64	0.01	5.08
2021-05-29 17:00:01	1	15.78	0.04	5.08
2021-05-29 18:00:01	1	15.74	0.00	5.07
2021-05-29 19:00:01	1	15.79	0.00	5.10
2021-05-29 20:00:01	1	16.03	0.00	5.10
2021-05-29 21:00:01	1	66.79	0.00	17.19
2021-05-29 22:00:01	1	16.16	0.00	5.16
2021-05-29 23:00:01	1	16.39	0.00	5.22
2021-05-30 00:00:01	1	15.93	0.00	5.13
2021-05-30 01:00:01	1	15.96	0.00	5.08
2021-05-30 02:00:01	1	16.00	0.00	5.06
2021-05-30 03:00:01	1	17.00	0.00	5.12
2021-05-30 04:00:01	1	16.02	0.00	5.09
2021-05-30 05:00:01	1	16.25	0.00	5.18
2021-05-30 06:00:01	1	15.73	0.00	5.27
2021-05-30 07:00:01	1	16.18	0.00	5.27
2021-05-30 08:00:01	1	15.90	0.00	5.28
2021-05-30 09:00:01	1	16.00	0.00	5.30
2021-05-30 10:00:01	1	16.29	0.00	5.32
2021-05-30 11:00:01	1	15.86	0.00	5.36
2021-05-30 12:00:01	1	16.61	0.00	5.29
2021-05-30 13:00:01	1	16.44	0.00	5.17
2021-05-30 14:00:01	1	15.92	0.01	5.10
2021-05-30 15:00:01	1	16.72	0.00	5.11

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-05-30 16:00:01	1	16.21	0.00	5.05
2021-05-30 17:00:01	1	16.09	0.04	5.01
2021-05-30 18:00:01	1	16.46	0.00	4.97
2021-05-30 19:00:01	1	16.05	0.00	5.11
2021-05-30 20:00:01	1	15.03	0.00	5.12
2021-05-30 21:00:01	1	66.99	0.00	17.07
2021-05-30 22:00:01	1	16.21	0.00	5.10
2021-05-30 23:00:01	1	16.17	0.00	5.10
2021-05-31 00:00:01	1	16.23	0.00	5.11
2021-05-31 01:00:01	1	16.27	0.00	5.24
2021-05-31 02:00:01	1	16.71	0.00	5.30
2021-05-31 03:00:01	1	17.03	0.00	5.29
2021-05-31 04:00:01	1	16.51	0.00	5.32
2021-05-31 05:00:01	1	16.15	0.00	5.29
2021-05-31 06:00:01	1	16.24	0.00	5.29
2021-05-31 07:00:01	1	16.27	0.00	5.29
2021-05-31 08:00:01	1	16.45	0.00	5.29
2021-05-31 09:00:01	1	20.32	0.00	5.25
2021-05-31 10:00:01	1	16.47	0.00	5.22
2021-05-31 11:00:01	1	16.19	0.00	5.10
2021-05-31 12:00:01	1	16.17	0.00	4.95
2021-05-31 13:00:01	1	16.13	0.01	4.93
2021-05-31 14:00:01	1	16.04	0.01	4.91
2021-05-31 15:00:01	1	16.04	0.01	4.79
2021-05-31 16:00:01	1	16.29	0.01	4.88
2021-05-31 17:00:01	1	16.03	0.04	5.13
2021-05-31 18:00:01	1	16.01	0.00	5.51
2021-05-31 19:00:01	1	16.18	0.00	5.22
2021-05-31 20:00:01	1	16.67	0.00	5.12
2021-05-31 21:00:01	1	65.84	0.00	17.19
2021-05-31 22:00:01	1	17.02	0.00	5.13
2021-05-31 23:00:01	1	16.78	0.00	5.13
2021-06-01 00:00:01	1	16.22	0.00	5.14
2021-06-01 01:00:01	1	16.29	0.00	5.14
2021-06-01 02:00:01	1	15.97	0.00	5.23
2021-06-01 03:00:01	1	16.05	0.00	5.35
2021-06-01 04:00:01	1	16.50	0.00	5.34
2021-06-01 05:00:01	1	18.99	0.00	5.35
2021-06-01 06:00:01	1	15.66	0.00	5.34
2021-06-01 07:00:01	1	16.37	0.00	5.33
2021-06-01 08:00:01	0.411388889	0.00	0.00	0.00
2021-06-01 09:00:01	0	0.00	0.00	0.00
2021-06-01 10:00:01	0	0.00	0.00	0.00
2021-06-01 11:00:01	0	0.00	0.00	0.00
2021-06-01 12:00:01	0	0.00	0.00	0.00
2021-06-01 13:00:01	0.755833333	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-01 14:00:01	0.054166667	0.00	0.00	0.00
2021-06-01 15:00:01	0.244444444	0.00	0.00	0.00
2021-06-01 16:00:01	0.059722222	0.00	0.00	0.00
2021-06-01 17:00:01	0.254166667	0.00	0.00	0.00
2021-06-01 18:00:01	0.2375	0.00	0.00	0.00
2021-06-01 19:00:01	0	0.00	0.00	0.00
2021-06-01 20:00:01	0.2	0.00	0.00	0.00
2021-06-01 21:00:01	0	0.00	0.00	0.00
2021-06-01 22:00:01	0	0.00	0.00	0.00
2021-06-01 23:00:01	0	0.00	0.00	0.00
2021-06-02 00:00:01	0	0.00	0.00	0.00
2021-06-02 01:00:01	0	0.00	0.00	0.00
2021-06-02 02:00:01	0	0.00	0.00	0.00
2021-06-02 03:00:01	0	0.00	0.00	0.00
2021-06-02 04:00:01	0	0.00	0.00	0.00
2021-06-02 05:00:01	0	0.00	0.00	0.00
2021-06-02 06:00:01	0	0.00	0.00	0.00
2021-06-02 07:00:01	0	0.00	0.00	0.00
2021-06-02 08:00:01	0	0.00	0.00	0.00
2021-06-02 09:00:01	0	0.00	0.00	0.00
2021-06-02 10:00:01	0	0.00	0.00	0.00
2021-06-02 11:00:01	0.2375	0.00	0.00	0.00
2021-06-02 12:00:01	0	0.00	0.00	0.00
2021-06-02 13:00:01	0	0.00	0.00	0.00
2021-06-02 14:00:01	0	0.00	0.00	0.00
2021-06-02 15:00:01	0	0.00	0.00	0.00
2021-06-02 16:00:01	0	0.00	0.00	0.00
2021-06-02 17:00:01	0	0.00	0.00	0.00
2021-06-02 18:00:01	0	0.00	0.00	0.00
2021-06-02 19:00:01	0	0.00	0.00	0.00
2021-06-02 20:00:01	0	0.00	0.00	0.00
2021-06-02 21:00:01	0	0.00	0.00	0.00
2021-06-02 22:00:01	0	0.00	0.00	0.00
2021-06-02 23:00:01	0	0.00	0.00	0.00
2021-06-03 00:00:01	0	0.00	0.00	0.00
2021-06-03 01:00:01	0	0.00	0.00	0.00
2021-06-03 02:00:01	0	0.00	0.00	0.00
2021-06-03 03:00:01	0	0.00	0.00	0.00
2021-06-03 04:00:01	0	0.00	0.00	0.00
2021-06-03 05:00:01	0	0.00	0.00	0.00
2021-06-03 06:00:01	0	0.00	0.00	0.00
2021-06-03 07:00:01	0	0.00	0.00	0.00
2021-06-03 08:00:01	0	0.00	0.00	0.00
2021-06-03 09:00:01	0	0.00	0.00	0.00
2021-06-03 10:00:01	0	0.00	0.00	0.00
2021-06-03 11:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-03 12:00:01	0	0.00	0.00	0.00
2021-06-03 13:00:01	0	0.00	0.00	0.00
2021-06-03 14:00:01	0	0.00	0.00	0.00
2021-06-03 15:00:01	0	0.00	0.00	0.00
2021-06-03 16:00:01	0	0.00	0.00	0.00
2021-06-03 17:00:01	0	0.00	0.00	0.00
2021-06-03 18:00:01	0	0.00	0.00	0.00
2021-06-03 19:00:01	0	0.00	0.00	0.00
2021-06-03 20:00:01	0	0.00	0.00	0.00
2021-06-03 21:00:01	0	0.00	0.00	0.00
2021-06-03 22:00:01	0	0.00	0.00	0.00
2021-06-03 23:00:01	0	0.00	0.00	0.00
2021-06-04 00:00:01	0	0.00	0.00	0.00
2021-06-04 01:00:01	0	0.00	0.00	0.00
2021-06-04 02:00:01	0	0.00	0.00	0.00
2021-06-04 03:00:01	0	0.00	0.00	0.00
2021-06-04 04:00:01	0	0.00	0.00	0.00
2021-06-04 05:00:01	0	0.00	0.00	0.00
2021-06-04 06:00:01	0	0.00	0.00	0.00
2021-06-04 07:00:01	0	0.00	0.00	0.00
2021-06-04 08:00:01	0	0.00	0.00	0.00
2021-06-04 09:00:01	0	0.00	0.00	0.00
2021-06-04 10:00:01	0	0.00	0.00	0.00
2021-06-04 11:00:01	0	0.00	0.00	0.00
2021-06-04 12:00:01	0	0.00	0.00	0.00
2021-06-04 13:00:01	0	0.00	0.00	0.00
2021-06-04 14:00:01	0	0.00	0.00	0.00
2021-06-04 15:00:01	0	0.00	0.00	0.00
2021-06-04 16:00:01	0	0.00	0.00	0.00
2021-06-04 17:00:01	0	0.00	0.00	0.00
2021-06-04 18:00:01	0	0.00	0.00	0.00
2021-06-04 19:00:01	0	0.00	0.00	0.00
2021-06-04 20:00:01	0	0.00	0.00	0.00
2021-06-04 21:00:01	0	0.00	0.00	0.00
2021-06-04 22:00:01	0	0.00	0.00	0.00
2021-06-04 23:00:01	0	0.00	0.00	0.00
2021-06-05 00:00:01	0	0.00	0.00	0.00
2021-06-05 01:00:01	0	0.00	0.00	0.00
2021-06-05 02:00:01	0	0.00	0.00	0.00
2021-06-05 03:00:01	0	0.00	0.00	0.00
2021-06-05 04:00:01	0	0.00	0.00	0.00
2021-06-05 05:00:01	0	0.00	0.00	0.00
2021-06-05 06:00:01	0	0.00	0.00	0.00
2021-06-05 07:00:01	0	0.00	0.00	0.00
2021-06-05 08:00:01	0	0.00	0.00	0.00
2021-06-05 09:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-05 10:00:01	0	0.00	0.00	0.00
2021-06-05 11:00:01	0	0.00	0.00	0.00
2021-06-05 12:00:01	0	0.00	0.00	0.00
2021-06-05 13:00:01	0	0.00	0.00	0.00
2021-06-05 14:00:01	0	0.00	0.00	0.00
2021-06-05 15:00:01	0	0.00	0.00	0.00
2021-06-05 16:00:01	0	0.00	0.00	0.00
2021-06-05 17:00:01	0	0.00	0.00	0.00
2021-06-05 18:00:01	0	0.00	0.00	0.00
2021-06-05 19:00:01	0	0.00	0.00	0.00
2021-06-05 20:00:01	0	0.00	0.00	0.00
2021-06-05 21:00:01	0	0.00	0.00	0.00
2021-06-05 22:00:01	0	0.00	0.00	0.00
2021-06-05 23:00:01	0	0.00	0.00	0.00
2021-06-06 00:00:01	0	0.00	0.00	0.00
2021-06-06 01:00:01	0	0.00	0.00	0.00
2021-06-06 02:00:01	0	0.00	0.00	0.00
2021-06-06 03:00:01	0	0.00	0.00	0.00
2021-06-06 04:00:01	0	0.00	0.00	0.00
2021-06-06 05:00:01	0	0.00	0.00	0.00
2021-06-06 06:00:01	0	0.00	0.00	0.00
2021-06-06 07:00:01	0	0.00	0.00	0.00
2021-06-06 08:00:01	0	0.00	0.00	0.00
2021-06-06 09:00:01	0	0.00	0.00	0.00
2021-06-06 10:00:01	0	0.00	0.00	0.00
2021-06-06 11:00:01	0	0.00	0.00	0.00
2021-06-06 12:00:01	0	0.00	0.00	0.00
2021-06-06 13:00:01	0	0.00	0.00	0.00
2021-06-06 14:00:01	0	0.00	0.00	0.00
2021-06-06 15:00:01	0	0.00	0.00	0.00
2021-06-06 16:00:01	0	0.00	0.00	0.00
2021-06-06 17:00:01	0	0.00	0.00	0.00
2021-06-06 18:00:01	0	0.00	0.00	0.00
2021-06-06 19:00:01	0	0.00	0.00	0.00
2021-06-06 20:00:01	0	0.00	0.00	0.00
2021-06-06 21:00:01	0	0.00	0.00	0.00
2021-06-06 22:00:01	0	0.00	0.00	0.00
2021-06-06 23:00:01	0	0.00	0.00	0.00
2021-06-07 00:00:01	0	0.00	0.00	0.00
2021-06-07 01:00:01	0	0.00	0.00	0.00
2021-06-07 02:00:01	0	0.00	0.00	0.00
2021-06-07 03:00:01	0	0.00	0.00	0.00
2021-06-07 04:00:01	0	0.00	0.00	0.00
2021-06-07 05:00:01	0	0.00	0.00	0.00
2021-06-07 06:00:01	0	0.00	0.00	0.00
2021-06-07 07:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-07 08:00:01	0	0.00	0.00	0.00
2021-06-07 09:00:01	0	0.00	0.00	0.00
2021-06-07 10:00:01	0	0.00	0.00	0.00
2021-06-07 11:00:01	0	0.00	0.00	0.00
2021-06-07 12:00:01	0	0.00	0.00	0.00
2021-06-07 13:00:01	0	0.00	0.00	0.00
2021-06-07 14:00:01	0	0.00	0.00	0.00
2021-06-07 15:00:01	0	0.00	0.00	0.00
2021-06-07 16:00:01	0	0.00	0.00	0.00
2021-06-07 17:00:01	0	0.00	0.00	0.00
2021-06-07 18:00:01	0	0.00	0.00	0.00
2021-06-07 19:00:01	0	0.00	0.00	0.00
2021-06-07 20:00:01	0	0.00	0.00	0.00
2021-06-07 21:00:01	0	0.00	0.00	0.00
2021-06-07 22:00:01	0	0.00	0.00	0.00
2021-06-07 23:00:01	0	0.00	0.00	0.00
2021-06-08 00:00:01	0	0.00	0.00	0.00
2021-06-08 01:00:01	0	0.00	0.00	0.00
2021-06-08 02:00:01	0	0.00	0.00	0.00
2021-06-08 03:00:01	0	0.00	0.00	0.00
2021-06-08 04:00:01	0	0.00	0.00	0.00
2021-06-08 05:00:01	0	0.00	0.00	0.00
2021-06-08 06:00:01	0	0.00	0.00	0.00
2021-06-08 07:00:01	0	0.00	0.00	0.00
2021-06-08 08:00:01	0	0.00	0.00	0.00
2021-06-08 09:00:01	0	0.00	0.00	0.00
2021-06-08 10:00:01	0	0.00	0.00	0.00
2021-06-08 11:00:01	0	0.00	0.00	0.00
2021-06-08 12:00:01	0	0.00	0.00	0.00
2021-06-08 13:00:01	0	0.00	0.00	0.00
2021-06-08 14:00:01	0	0.00	0.00	0.00
2021-06-08 15:00:01	0	0.00	0.00	0.00
2021-06-08 16:00:01	0	0.00	0.00	0.00
2021-06-08 17:00:01	0	0.00	0.00	0.00
2021-06-08 18:00:01	0	0.00	0.00	0.00
2021-06-08 19:00:01	0	0.00	0.00	0.00
2021-06-08 20:00:01	0	0.00	0.00	0.00
2021-06-08 21:00:01	0	0.00	0.00	0.00
2021-06-08 22:00:01	0	0.00	0.00	0.00
2021-06-08 23:00:01	0	0.00	0.00	0.00
2021-06-09 00:00:01	0	0.00	0.00	0.00
2021-06-09 01:00:01	0	0.00	0.00	0.00
2021-06-09 02:00:01	0	0.00	0.00	0.00
2021-06-09 03:00:01	0	0.00	0.00	0.00
2021-06-09 04:00:01	0	0.00	0.00	0.00
2021-06-09 05:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-09 06:00:01	0	0.00	0.00	0.00
2021-06-09 07:00:01	0	0.00	0.00	0.00
2021-06-09 08:00:01	0	0.00	0.00	0.00
2021-06-09 09:00:01	0	0.00	0.00	0.00
2021-06-09 10:00:01	0	0.00	0.00	0.00
2021-06-09 11:00:01	0	0.00	0.00	0.00
2021-06-09 12:00:01	0	0.00	0.00	0.00
2021-06-09 13:00:01	0	0.00	0.00	0.00
2021-06-09 14:00:01	0	0.00	0.00	0.00
2021-06-09 15:00:01	0	0.00	0.00	0.00
2021-06-09 16:00:01	0	0.00	0.00	0.00
2021-06-09 17:00:01	0	0.00	0.00	0.00
2021-06-09 18:00:01	0	0.00	0.00	0.00
2021-06-09 19:00:01	0	0.00	0.00	0.00
2021-06-09 20:00:01	0	0.00	0.00	0.00
2021-06-09 21:00:01	0	0.00	0.00	0.00
2021-06-09 22:00:01	0	0.00	0.00	0.00
2021-06-09 23:00:01	0	0.00	0.00	0.00
2021-06-10 00:00:01	0	0.00	0.00	0.00
2021-06-10 01:00:01	0	0.00	0.00	0.00
2021-06-10 02:00:01	0	0.00	0.00	0.00
2021-06-10 03:00:01	0	0.00	0.00	0.00
2021-06-10 04:00:01	0	0.00	0.00	0.00
2021-06-10 05:00:01	0	0.00	0.00	0.00
2021-06-10 06:00:01	0	0.00	0.00	0.00
2021-06-10 07:00:01	0	0.00	0.00	0.00
2021-06-10 08:00:01	0	0.00	0.00	0.00
2021-06-10 09:00:01	0	0.00	0.00	0.00
2021-06-10 10:00:01	0	0.00	0.00	0.00
2021-06-10 11:00:01	0	0.00	0.00	0.00
2021-06-10 12:00:01	0	0.00	0.00	0.00
2021-06-10 13:00:01	0	0.00	0.00	0.00
2021-06-10 14:00:01	0	0.00	0.00	0.00
2021-06-10 15:00:01	0	0.00	0.00	0.00
2021-06-10 16:00:01	0	0.00	0.00	0.00
2021-06-10 17:00:01	0	0.00	0.00	0.00
2021-06-10 18:00:01	0	0.00	0.00	0.00
2021-06-10 19:00:01	0	0.00	0.00	0.00
2021-06-10 20:00:01	0	0.00	0.00	0.00
2021-06-10 21:00:01	0	0.00	0.00	0.00
2021-06-10 22:00:01	0	0.00	0.00	0.00
2021-06-10 23:00:01	0	0.00	0.00	0.00
2021-06-11 00:00:01	0	0.00	0.00	0.00
2021-06-11 01:00:01	0	0.00	0.00	0.00
2021-06-11 02:00:01	0	0.00	0.00	0.00
2021-06-11 03:00:01	0	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-11 04:00:01	0	0.00	0.00	0.00
2021-06-11 05:00:01	0	0.00	0.00	0.00
2021-06-11 06:00:01	0	0.00	0.00	0.00
2021-06-11 07:00:01	0	0.00	0.00	0.00
2021-06-11 08:00:01	0	0.00	0.00	0.00
2021-06-11 09:00:01	0	0.00	0.00	0.00
2021-06-11 10:00:01	0	0.00	0.00	0.00
2021-06-11 11:00:01	0	0.00	0.00	0.00
2021-06-11 12:00:01	0	0.00	0.00	0.00
2021-06-11 13:00:01	0	0.00	0.00	0.00
2021-06-11 14:00:01	0	0.00	0.00	0.00
2021-06-11 15:00:01	0	0.00	0.00	0.00
2021-06-11 16:00:01	0	0.00	0.00	0.00
2021-06-11 17:00:01	0	0.00	0.00	0.00
2021-06-11 18:00:01	0	0.00	0.00	0.00
2021-06-11 19:00:01	0	0.00	0.00	0.00
2021-06-11 20:00:01	0	0.00	0.00	0.00
2021-06-11 21:00:01	0	0.00	0.00	0.00
2021-06-11 22:00:01	0	0.00	0.00	0.00
2021-06-11 23:00:01	0	0.00	0.00	0.00
2021-06-12 00:00:01	0	0.00	0.00	0.00
2021-06-12 01:00:01	0	0.00	0.00	0.00
2021-06-12 02:00:01	0	0.00	0.00	0.00
2021-06-12 03:00:01	0	0.00	0.00	0.00
2021-06-12 04:00:01	0	0.00	0.00	0.00
2021-06-12 05:00:01	0	0.00	0.00	0.00
2021-06-12 06:00:01	0	0.00	0.00	0.00
2021-06-12 07:00:01	0	0.00	0.00	0.00
2021-06-12 08:00:01	0	0.00	0.00	0.00
2021-06-12 09:00:01	0	0.00	0.00	0.00
2021-06-12 10:00:01	0	0.00	0.00	0.00
2021-06-12 11:00:01	0	0.00	0.00	0.00
2021-06-12 12:00:01	0	0.00	0.00	0.00
2021-06-12 13:00:01	0	0.00	0.00	0.00
2021-06-12 14:00:01	0	0.00	0.00	0.00
2021-06-12 15:00:01	0	0.00	0.00	0.00
2021-06-12 16:00:01	0	0.00	0.00	0.00
2021-06-12 17:00:01	0	0.00	0.00	0.00
2021-06-12 18:00:01	0	0.00	0.00	0.00
2021-06-12 19:00:01	0	0.00	0.00	0.00
2021-06-12 20:00:01	0	0.00	0.00	0.00
2021-06-12 21:00:01	0	0.00	0.00	0.00
2021-06-12 22:00:01	0	0.00	0.00	0.00
2021-06-12 23:00:01	0	0.00	0.00	0.00
2021-06-13 00:00:01	0	0.00	0.00	0.00
2021-06-13 01:00:01	0.263055556	0.00	0.00	0.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-13 02:00:01	0.046666667	0.00	0.00	0.00
2021-06-13 03:00:01	0	0.00	0.00	0.00
2021-06-13 04:00:01	0	0.00	0.00	0.00
2021-06-13 05:00:01	0	0.00	0.00	0.00
2021-06-13 06:00:01	0	0.00	0.00	0.00
2021-06-13 07:00:01	0	0.00	0.00	0.00
2021-06-13 08:00:01	0	0.00	0.00	0.00
2021-06-13 09:00:01	0	0.00	0.00	0.00
2021-06-13 10:00:01	0	0.00	0.00	0.00
2021-06-13 11:00:01	0	0.00	0.00	0.00
2021-06-13 12:00:01	0	0.00	0.00	0.00
2021-06-13 13:00:01	0	0.00	0.00	0.00
2021-06-13 14:00:01	0	0.00	0.00	0.00
2021-06-13 15:00:01	0	0.00	0.00	0.00
2021-06-13 16:00:01	0	0.00	0.00	0.00
2021-06-13 17:00:01	0	0.00	0.00	0.00
2021-06-13 18:00:01	0	0.00	0.00	0.00
2021-06-13 19:00:01	0	0.00	0.00	0.00
2021-06-13 20:00:01	0.219722222	0.00	0.00	0.00
2021-06-13 21:00:01	1	113.81	0.64	36.02
2021-06-13 22:00:01	1	16.87	0.15	11.72
2021-06-13 23:00:01	1	17.21	0.09	9.06
2021-06-14 00:00:01	1	15.20	0.08	8.66
2021-06-14 01:00:01	1	15.42	0.07	8.60
2021-06-14 02:00:01	1	15.59	0.06	8.60
2021-06-14 03:00:01	1	15.67	0.04	8.61
2021-06-14 04:00:01	1	15.24	0.03	8.45
2021-06-14 05:00:01	1	15.37	0.02	8.47
2021-06-14 06:00:01	1	15.01	0.02	8.45
2021-06-14 07:00:01	1	15.71	0.01	8.44
2021-06-14 08:00:01	1	16.87	0.03	8.42
2021-06-14 09:00:01	1	16.70	0.04	8.09
2021-06-14 10:00:01	1	15.94	0.04	7.87
2021-06-14 11:00:01	1	16.98	0.02	7.71
2021-06-14 12:00:01	1	17.65	0.01	7.72
2021-06-14 13:00:01	1	16.36	0.01	7.56
2021-06-14 14:00:01	1	15.84	0.00	7.53
2021-06-14 15:00:01	1	15.53	0.05	7.45
2021-06-14 16:00:01	1	15.71	0.01	7.36
2021-06-14 17:00:01	1	15.47	0.02	7.41
2021-06-14 18:00:01	1	15.29	0.02	7.56
2021-06-14 19:00:01	1	15.34	0.01	7.62
2021-06-14 20:00:01	1	16.80	0.01	7.67
2021-06-14 21:00:01	1	65.22	0.02	19.93
2021-06-14 22:00:01	1	15.37	0.01	7.89
2021-06-14 23:00:01	1	15.42	0.01	7.79

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-15 00:00:01	1	15.11	0.00	7.73
2021-06-15 01:00:01	1	15.37	0.00	7.73
2021-06-15 02:00:01	1	15.78	0.01	7.72
2021-06-15 03:00:01	1	15.34	0.01	7.74
2021-06-15 04:00:01	1	15.34	0.01	7.79
2021-06-15 05:00:01	1	15.44	0.00	7.85
2021-06-15 06:00:01	1	15.35	0.00	7.86
2021-06-15 07:00:01	1	15.55	0.00	7.75
2021-06-15 08:00:01	1	15.25	0.00	7.76
2021-06-15 09:00:01	1	15.31	0.00	7.70
2021-06-15 10:00:01	1	15.44	0.00	7.65
2021-06-15 11:00:01	1	15.50	0.06	7.56
2021-06-15 12:00:01	1	15.52	0.03	7.56
2021-06-15 13:00:01	1	15.66	0.00	7.48
2021-06-15 14:00:01	1	15.86	0.00	7.34
2021-06-15 15:00:01	1	15.78	0.04	7.32
2021-06-15 16:00:01	1	15.50	0.00	7.34
2021-06-15 17:00:01	1	15.32	0.00	7.34
2021-06-15 18:00:01	1	15.27	0.00	7.34
2021-06-15 19:00:01	1	15.48	0.00	7.33
2021-06-15 20:00:01	1	16.06	0.00	7.49
2021-06-15 21:00:01	1	67.12	0.00	19.54
2021-06-15 22:00:01	1	15.22	0.00	7.50
2021-06-15 23:00:01	1	15.17	0.00	7.57
2021-06-16 00:00:01	1	15.13	0.00	7.50
2021-06-16 01:00:01	1	15.12	0.01	7.53
2021-06-16 02:00:01	1	15.53	0.01	7.47
2021-06-16 03:00:01	1	15.57	0.00	7.51
2021-06-16 04:00:01	1	15.51	0.00	7.50
2021-06-16 05:00:01	1	15.25	0.00	7.53
2021-06-16 06:00:01	1	15.31	0.00	7.50
2021-06-16 07:00:01	1	15.50	0.00	7.50
2021-06-16 08:00:01	1	15.71	0.00	7.50
2021-06-16 09:00:01	1	15.49	0.00	7.47
2021-06-16 10:00:01	1	15.49	0.00	7.52
2021-06-16 11:00:01	1	15.45	0.00	7.52
2021-06-16 12:00:01	1	15.74	0.00	7.50
2021-06-16 13:00:01	1	16.56	0.00	7.50
2021-06-16 14:00:01	1	16.75	0.00	7.53
2021-06-16 15:00:01	1	16.60	0.04	7.50
2021-06-16 16:00:01	1	16.63	0.00	7.50
2021-06-16 17:00:01	1	16.88	0.00	7.50
2021-06-16 18:00:01	1	16.66	0.00	7.50
2021-06-16 19:00:01	1	16.59	0.00	7.50
2021-06-16 20:00:01	1	16.59	0.00	7.53
2021-06-16 21:00:01	1	67.58	0.00	19.83

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-16 22:00:01	1	16.42	0.00	7.66
2021-06-16 23:00:01	1	16.46	0.00	7.72
2021-06-17 00:00:01	1	16.48	0.00	7.71
2021-06-17 01:00:01	1	16.75	0.00	7.71
2021-06-17 02:00:01	1	16.94	0.00	7.71
2021-06-17 03:00:01	1	16.93	0.00	7.72
2021-06-17 04:00:01	1	17.05	0.00	7.71
2021-06-17 05:00:01	1	17.38	0.00	7.72
2021-06-17 06:00:01	1	17.09	0.00	7.70
2021-06-17 07:00:01	1	17.11	0.00	7.70
2021-06-17 08:00:01	1	17.17	0.00	7.69
2021-06-17 09:00:01	1	16.77	0.00	7.63
2021-06-17 10:00:01	1	17.20	0.00	7.70
2021-06-17 11:00:01	1	17.13	0.00	7.70
2021-06-17 12:00:01	1	17.20	0.00	7.64
2021-06-17 13:00:01	1	17.33	0.00	7.68
2021-06-17 14:00:01	1	17.18	0.00	7.52
2021-06-17 15:00:01	1	17.40	0.04	7.50
2021-06-17 16:00:01	1	17.40	0.00	7.50
2021-06-17 17:00:01	1	17.49	0.00	7.50
2021-06-17 18:00:01	1	17.28	0.00	7.50
2021-06-17 19:00:01	1	17.14	0.00	7.50
2021-06-17 20:00:01	1	16.92	0.00	7.51
2021-06-17 21:00:01	1	68.37	0.00	19.49
2021-06-17 22:00:01	1	17.09	0.00	7.64
2021-06-17 23:00:01	1	17.58	0.00	7.72
2021-06-18 00:00:01	1	18.15	0.00	7.67
2021-06-18 01:00:01	1	17.01	0.00	7.59
2021-06-18 02:00:01	1	16.34	0.00	7.71
2021-06-18 03:00:01	1	16.69	0.02	7.69
2021-06-18 04:00:01	1	16.98	0.05	7.70
2021-06-18 05:00:01	1	17.49	0.00	7.70
2021-06-18 06:00:01	1	16.83	0.02	7.70
2021-06-18 07:00:01	1	17.53	0.05	7.69
2021-06-18 08:00:01	1	17.30	0.02	7.68
2021-06-18 09:00:01	1	17.45	0.00	7.62
2021-06-18 10:00:01	1	17.33	0.00	7.68
2021-06-18 11:00:01	1	17.44	0.00	7.69
2021-06-18 12:00:01	1	17.46	0.00	7.67
2021-06-18 13:00:01	1	18.33	0.00	7.55
2021-06-18 14:00:01	1	17.22	0.00	7.46
2021-06-18 15:00:01	1	17.31	0.04	7.50
2021-06-18 16:00:01	1	17.21	0.00	7.50
2021-06-18 17:00:01	1	17.14	0.00	7.49
2021-06-18 18:00:01	1	17.02	0.00	7.49
2021-06-18 19:00:01	1	17.06	0.00	7.49

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-18 20:00:01	1	16.88	0.00	7.56
2021-06-18 21:00:01	1	67.87	0.00	19.90
2021-06-18 22:00:01	1	17.00	0.00	7.60
2021-06-18 23:00:01	1	17.14	0.00	7.65
2021-06-19 00:00:01	1	17.13	0.00	7.70
2021-06-19 01:00:01	1	16.92	0.00	7.69
2021-06-19 02:00:01	1	16.83	0.00	7.69
2021-06-19 03:00:01	1	17.14	0.00	7.78
2021-06-19 04:00:01	1	16.60	0.00	7.84
2021-06-19 05:00:01	1	16.56	0.00	7.85
2021-06-19 06:00:01	1	16.70	0.00	7.83
2021-06-19 07:00:01	1	16.70	0.00	7.83
2021-06-19 08:00:01	1	16.29	0.00	7.83
2021-06-19 09:00:01	1	16.95	0.00	7.77
2021-06-19 10:00:01	1	17.25	0.00	7.68
2021-06-19 11:00:01	1	17.52	0.00	7.63
2021-06-19 12:00:01	1	17.66	0.00	7.57
2021-06-19 13:00:01	1	18.09	0.00	7.53
2021-06-19 14:00:01	1	17.17	0.00	7.47
2021-06-19 15:00:01	1	17.10	0.04	7.49
2021-06-19 16:00:01	1	17.23	0.00	7.44
2021-06-19 17:00:01	1	17.13	0.00	7.46
2021-06-19 18:00:01	1	17.07	0.00	7.46
2021-06-19 19:00:01	1	17.39	0.00	7.55
2021-06-19 20:00:01	1	17.00	0.01	7.69
2021-06-19 21:00:01	1	67.85	0.01	19.81
2021-06-19 22:00:01	1	17.27	0.00	7.69
2021-06-19 23:00:01	1	17.62	0.00	7.72
2021-06-20 00:00:01	1	17.30	0.00	7.73
2021-06-20 01:00:01	1	17.23	0.00	7.80
2021-06-20 02:00:01	1	17.19	0.00	7.74
2021-06-20 03:00:01	1	17.09	0.00	7.81
2021-06-20 04:00:01	1	17.70	0.00	7.65
2021-06-20 05:00:01	1	17.40	0.00	7.68
2021-06-20 06:00:01	1	17.47	0.00	7.66
2021-06-20 07:00:01	1	18.03	0.00	7.65
2021-06-20 08:00:01	1	17.55	0.00	7.67
2021-06-20 09:00:01	1	16.97	0.00	7.65
2021-06-20 10:00:01	1	16.78	0.00	7.65
2021-06-20 11:00:01	1	17.20	0.00	7.63
2021-06-20 12:00:01	1	17.38	0.03	7.50
2021-06-20 13:00:01	1	17.66	0.02	7.56
2021-06-20 14:00:01	1	17.24	0.00	7.42
2021-06-20 15:00:01	1	17.20	0.05	7.39
2021-06-20 16:00:01	1	17.30	0.00	7.32
2021-06-20 17:00:01	1	17.09	0.00	7.39

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-20 18:00:01	1	17.12	0.00	7.44
2021-06-20 19:00:01	1	17.10	0.01	7.45
2021-06-20 20:00:01	1	17.56	0.01	7.44
2021-06-20 21:00:01	1	68.40	0.01	19.60
2021-06-20 22:00:01	1	16.88	0.01	7.43
2021-06-20 23:00:01	1	16.85	0.01	7.44
2021-06-21 00:00:01	1	16.76	0.00	7.44
2021-06-21 01:00:01	1	16.66	0.00	7.46
2021-06-21 02:00:01	1	16.77	0.00	7.45
2021-06-21 03:00:01	1	17.02	0.00	7.45
2021-06-21 04:00:01	1	16.87	0.00	7.57
2021-06-21 05:00:01	1	16.61	0.00	7.66
2021-06-21 06:00:01	1	17.02	0.00	7.63
2021-06-21 07:00:01	1	17.20	0.00	7.63
2021-06-21 08:00:01	1	17.08	0.00	7.66
2021-06-21 09:00:01	1	16.98	0.00	7.74
2021-06-21 10:00:01	1	17.76	0.00	7.77
2021-06-21 11:00:01	1	17.49	0.00	7.77
2021-06-21 12:00:01	1	17.52	0.00	7.76
2021-06-21 13:00:01	1	17.45	0.00	7.76
2021-06-21 14:00:01	1	17.62	0.00	7.72
2021-06-21 15:00:01	1	17.62	0.04	7.71
2021-06-21 16:00:01	1	17.63	0.00	7.58
2021-06-21 17:00:01	1	17.43	0.00	7.59
2021-06-21 18:00:01	1	17.25	0.01	7.60
2021-06-21 19:00:01	1	17.04	0.01	7.60
2021-06-21 20:00:01	1	16.82	0.01	7.60
2021-06-21 21:00:01	1	68.13	0.00	19.62
2021-06-21 22:00:01	1	17.25	0.00	7.60
2021-06-21 23:00:01	1	17.31	0.00	7.63
2021-06-22 00:00:01	1	17.24	0.00	7.64
2021-06-22 01:00:01	1	17.44	0.00	7.65
2021-06-22 02:00:01	1	17.68	0.00	7.64
2021-06-22 03:00:01	1	16.91	0.00	7.80
2021-06-22 04:00:01	1	17.55	0.00	7.82
2021-06-22 05:00:01	1	18.44	0.00	7.82
2021-06-22 06:00:01	1	18.26	0.00	7.78
2021-06-22 07:00:01	1	16.90	0.00	7.82
2021-06-22 08:00:01	1	17.41	0.00	7.78
2021-06-22 09:00:01	1	17.18	0.00	7.69
2021-06-22 10:00:01	1	16.92	0.00	7.42
2021-06-22 11:00:01	1	17.00	0.00	7.19
2021-06-22 12:00:01	1	17.96	0.00	7.16
2021-06-22 13:00:01	1	17.67	0.00	7.07
2021-06-22 14:00:01	1	17.67	0.00	7.06
2021-06-22 15:00:01	1	18.12	0.04	6.86

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-22 16:00:01	1	17.41	0.00	6.89
2021-06-22 17:00:01	1	16.51	0.00	6.98
2021-06-22 18:00:01	1	16.81	0.00	7.31
2021-06-22 19:00:01	1	16.90	0.00	7.17
2021-06-22 20:00:01	1	16.50	0.00	7.23
2021-06-22 21:00:01	1	68.37	0.00	19.30
2021-06-22 22:00:01	1	17.29	0.00	7.27
2021-06-22 23:00:01	1	17.42	0.00	7.25
2021-06-23 00:00:01	1	17.56	0.00	7.25
2021-06-23 01:00:01	1	18.26	0.00	7.24
2021-06-23 02:00:01	1	16.93	0.00	7.25
2021-06-23 03:00:01	1	17.03	0.00	7.35
2021-06-23 04:00:01	1	17.27	0.00	7.43
2021-06-23 05:00:01	1	17.24	0.00	7.42
2021-06-23 06:00:01	1	17.52	0.00	7.41
2021-06-23 07:00:01	1	18.54	0.00	7.41
2021-06-23 08:00:01	1	18.13	0.00	7.42
2021-06-23 09:00:01	1	16.53	0.00	7.36
2021-06-23 10:00:01	1	17.06	0.00	7.41
2021-06-23 11:00:01	1	92.43	0.00	5.34
2021-06-23 12:00:01	1	59.08	0.00	40.13
2021-06-23 13:00:01	1	19.08	0.00	7.24
2021-06-23 14:00:01	1	19.11	0.00	7.22
2021-06-23 15:00:01	1	18.71	0.04	7.08
2021-06-23 16:00:01	1	19.05	0.00	7.07
2021-06-23 17:00:01	1	18.77	0.00	7.06
2021-06-23 18:00:01	1	18.65	0.00	7.23
2021-06-23 19:00:01	1	18.80	0.00	7.25
2021-06-23 20:00:01	1	19.87	0.00	7.26
2021-06-23 21:00:01	1	73.02	0.00	19.28
2021-06-23 22:00:01	1	16.47	0.00	7.24
2021-06-23 23:00:01	1	16.53	0.00	7.27
2021-06-24 00:00:01	1	16.91	0.00	7.29
2021-06-24 01:00:01	1	17.23	0.00	7.41
2021-06-24 02:00:01	1	17.40	0.00	7.35
2021-06-24 03:00:01	1	17.69	0.00	7.35
2021-06-24 04:00:01	1	17.71	0.00	7.43
2021-06-24 05:00:01	1	18.09	0.00	7.41
2021-06-24 06:00:01	1	17.50	0.00	7.28
2021-06-24 07:00:01	1	16.65	0.00	7.41
2021-06-24 08:00:01	1	16.69	0.00	7.42
2021-06-24 09:00:01	1	17.19	0.00	7.36
2021-06-24 10:00:01	1	17.35	0.00	7.42
2021-06-24 11:00:01	1	17.17	0.01	7.42
2021-06-24 12:00:01	1	17.38	0.02	7.25
2021-06-24 13:00:01	1	16.95	0.02	7.22

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-24 14:00:01	1	17.53	0.01	7.18
2021-06-24 15:00:01	1	17.58	0.04	7.06
2021-06-24 16:00:01	1	17.65	0.00	7.10
2021-06-24 17:00:01	1	17.27	0.00	7.06
2021-06-24 18:00:01	1	17.22	0.00	7.06
2021-06-24 19:00:01	1	17.16	0.00	7.20
2021-06-24 20:00:01	1	16.68	0.00	7.60
2021-06-24 21:00:01	1	66.72	0.00	21.05
2021-06-24 22:00:01	1	17.56	0.00	9.20
2021-06-24 23:00:01	1	16.95	0.00	9.58
2021-06-25 00:00:01	1	17.61	0.00	10.42
2021-06-25 01:00:01	1	16.84	0.00	10.99
2021-06-25 02:00:01	1	17.11	0.00	11.44
2021-06-25 03:00:01	1	17.04	0.00	12.29
2021-06-25 04:00:01	1	16.75	0.00	12.55
2021-06-25 05:00:01	1	17.01	0.00	12.82
2021-06-25 06:00:01	1	16.52	0.00	12.81
2021-06-25 07:00:01	1	16.50	0.00	12.84
2021-06-25 08:00:01	1	16.88	0.00	12.73
2021-06-25 09:00:01	1	17.29	0.00	12.63
2021-06-25 10:00:01	1	16.52	0.02	12.61
2021-06-25 11:00:01	1	16.49	0.03	12.50
2021-06-25 12:00:01	1	18.51	0.19	12.39
2021-06-25 13:00:01	1	16.83	0.05	12.37
2021-06-25 14:00:01	1	16.59	0.01	12.28
2021-06-25 15:00:01	1	16.55	0.04	12.16
2021-06-25 16:00:01	1	16.58	0.00	12.09
2021-06-25 17:00:01	1	16.15	0.00	12.11
2021-06-25 18:00:01	1	16.24	0.00	12.28
2021-06-25 19:00:01	1	16.64	0.00	12.59
2021-06-25 20:00:01	1	16.48	0.00	13.03
2021-06-25 21:00:01	1	66.70	0.00	25.21
2021-06-25 22:00:01	1	15.72	0.00	13.12
2021-06-25 23:00:01	1	17.16	0.00	13.02
2021-06-26 00:00:01	1	16.84	0.00	13.08
2021-06-26 01:00:01	1	16.51	0.00	13.12
2021-06-26 02:00:01	1	16.47	0.00	13.17
2021-06-26 03:00:01	1	17.61	0.00	13.21
2021-06-26 04:00:01	1	17.00	0.00	13.19
2021-06-26 05:00:01	1	16.62	0.00	13.32
2021-06-26 06:00:01	1	16.43	0.00	13.36
2021-06-26 07:00:01	1	16.48	0.00	13.37
2021-06-26 08:00:01	1	16.40	0.00	13.40
2021-06-26 09:00:01	1	16.80	0.00	13.25
2021-06-26 10:00:01	1	16.66	0.10	13.19
2021-06-26 11:00:01	1	16.72	0.12	13.00

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-26 12:00:01	1	17.20	0.03	12.83
2021-06-26 13:00:01	1	16.85	0.02	12.75
2021-06-26 14:00:01	1	16.41	0.00	12.66
2021-06-26 15:00:01	1	16.67	0.04	12.47
2021-06-26 16:00:01	1	16.71	0.00	12.43
2021-06-26 17:00:01	1	16.75	0.00	12.47
2021-06-26 18:00:01	1	16.71	0.00	12.63
2021-06-26 19:00:01	1	16.78	0.00	12.85
2021-06-26 20:00:01	1	16.07	0.00	12.93
2021-06-26 21:00:01	1	67.91	0.00	25.09
2021-06-26 22:00:01	1	16.60	0.00	12.92
2021-06-26 23:00:01	1	17.02	0.00	12.89
2021-06-27 00:00:01	1	16.68	0.00	13.06
2021-06-27 01:00:01	1	16.57	0.01	13.14
2021-06-27 02:00:01	1	17.02	0.00	13.01
2021-06-27 03:00:01	1	16.98	0.00	13.00
2021-06-27 04:00:01	1	16.65	0.00	13.05
2021-06-27 05:00:01	1	16.73	0.00	13.01
2021-06-27 06:00:01	1	16.59	0.00	12.98
2021-06-27 07:00:01	1	16.58	0.00	12.84
2021-06-27 08:00:01	1	16.54	0.00	12.88
2021-06-27 09:00:01	1	16.74	0.00	12.92
2021-06-27 10:00:01	1	17.07	0.00	12.91
2021-06-27 11:00:01	1	16.71	0.00	12.81
2021-06-27 12:00:01	1	16.69	0.00	12.74
2021-06-27 13:00:01	1	17.00	0.00	12.71
2021-06-27 14:00:01	1	16.59	0.00	12.60
2021-06-27 15:00:01	1	17.03	0.04	12.51
2021-06-27 16:00:01	1	17.03	0.00	12.65
2021-06-27 17:00:01	1	16.48	0.01	12.79
2021-06-27 18:00:01	1	16.11	0.01	12.71
2021-06-27 19:00:01	1	16.20	0.01	12.87
2021-06-27 20:00:01	1	16.61	0.02	12.95
2021-06-27 21:00:01	1	66.52	0.02	25.15
2021-06-27 22:00:01	1	16.38	0.02	13.06
2021-06-27 23:00:01	1	16.41	0.02	13.10
2021-06-28 00:00:01	1	16.63	0.01	13.13
2021-06-28 01:00:01	1	16.47	0.01	13.13
2021-06-28 02:00:01	1	16.65	0.01	13.13
2021-06-28 03:00:01	1	16.43	0.00	13.04
2021-06-28 04:00:01	1	16.55	0.00	13.05
2021-06-28 05:00:01	1	16.20	0.00	13.11
2021-06-28 06:00:01	1	16.52	0.00	13.01
2021-06-28 07:00:01	1	17.21	0.00	12.87
2021-06-28 08:00:01	1	16.28	0.00	13.00
2021-06-28 09:00:01	1	16.08	0.00	12.85

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-28 10:00:01	1	27.82	0.00	12.23
2021-06-28 11:00:01	1	101.56	0.00	36.72
2021-06-28 12:00:01	1	18.05	0.00	12.78
2021-06-28 13:00:01	1	18.39	0.01	12.79
2021-06-28 14:00:01	1	18.46	0.01	12.67
2021-06-28 15:00:01	1	18.36	0.06	12.64
2021-06-28 16:00:01	1	18.23	0.01	12.57
2021-06-28 17:00:01	1	18.26	0.01	12.56
2021-06-28 18:00:01	1	17.81	0.00	12.77
2021-06-28 19:00:01	1	17.16	0.00	12.56
2021-06-28 20:00:01	1	17.10	0.01	12.54
2021-06-28 21:00:01	1	70.76	0.00	24.71
2021-06-28 22:00:01	1	16.27	0.00	12.63
2021-06-28 23:00:01	1	16.32	0.01	12.58
2021-06-29 00:00:01	1	16.69	0.01	12.64
2021-06-29 01:00:01	1	16.46	0.00	12.73
2021-06-29 02:00:01	1	16.31	0.00	12.85
2021-06-29 03:00:01	1	16.43	0.00	12.72
2021-06-29 04:00:01	1	16.27	0.00	12.67
2021-06-29 05:00:01	1	16.63	0.00	12.77
2021-06-29 06:00:01	1	16.44	0.00	12.86
2021-06-29 07:00:01	1	16.32	0.00	13.03
2021-06-29 08:00:01	1	16.29	0.00	12.86
2021-06-29 09:00:01	1	17.03	0.00	12.74
2021-06-29 10:00:01	1	16.50	0.00	12.71
2021-06-29 11:00:01	1	16.49	0.01	12.49
2021-06-29 12:00:01	1	16.17	0.04	12.35
2021-06-29 13:00:01	1	16.47	0.02	12.22
2021-06-29 14:00:01	1	16.69	0.02	12.13
2021-06-29 15:00:01	1	16.77	0.05	12.06
2021-06-29 16:00:01	1	16.51	0.01	12.14
2021-06-29 17:00:01	1	16.64	0.01	12.24
2021-06-29 18:00:01	1	16.25	0.00	12.42
2021-06-29 19:00:01	1	15.96	0.00	12.47
2021-06-29 20:00:01	1	16.32	0.00	12.50
2021-06-29 21:00:01	1	67.22	0.00	24.59
2021-06-29 22:00:01	1	16.30	0.00	13.07
2021-06-29 23:00:01	1	15.80	0.00	13.10
2021-06-30 00:00:01	1	16.30	0.00	13.21
2021-06-30 01:00:01	1	16.38	0.00	13.25
2021-06-30 02:00:01	1	16.39	0.00	13.46
2021-06-30 03:00:01	1	16.29	0.00	13.72
2021-06-30 04:00:01	1	16.47	0.00	13.77
2021-06-30 05:00:01	1	16.88	0.00	13.88
2021-06-30 06:00:01	1	16.57	0.00	13.97
2021-06-30 07:00:01	1	16.53	0.00	14.12

Date/Time	Ammonia to burner (yes/no)	Corrected NOx (NO2)	Corrected NH3	Corrected N2O
		mg/m ³	mg/m ³	mg/m ³
2021-06-30 08:00:01	1	16.81	0.00	14.11
2021-06-30 09:00:01	1	16.71	0.00	14.07
2021-06-30 10:00:01	1	16.45	0.00	13.89
2021-06-30 11:00:01	1	16.97	0.00	13.61
2021-06-30 12:00:01	1	16.77	0.00	13.45
2021-06-30 13:00:01	1	16.74	0.00	13.32
2021-06-30 14:00:01	1	16.40	0.01	13.16
2021-06-30 15:00:01	1	16.43	0.05	13.17
2021-06-30 16:00:01	1	17.13	0.00	13.11
2021-06-30 17:00:01	1	17.26	0.00	13.07
2021-06-30 18:00:01	1	16.84	0.00	13.15
2021-06-30 19:00:01	1	16.73	0.00	13.47
2021-06-30 20:00:01	1	19.35	0.00	13.74
2021-06-30 21:00:01	1	67.38	0.00	26.07
2021-06-30 22:00:01	1	16.02	0.00	14.14
2021-06-30 23:00:01	1	16.49	0.00	14.08
2021-07-01 00:00:01	1	16.16	0.00	13.85



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Report Number R009154

RATA Testing Report

Nitric Acid Stack

August 2020

Yara Pilbara Nitrates

Burrup Peninsula, WA

Document Information

Client Name: Yara Pilbara Nitrates
 Report Number: R009154
 Date of Issue: 17 September 2020
 Attention: Nicole Ivory
 Address: Lot 564 Village Road
 Burrup Peninsula WA 6714
 Testing Laboratory: Ektimo Pty Ltd, ABN 86 600 381 413

Report Status

Format	Document Number	Report Date	Prepared By	Reviewed By (1)	Reviewed By (2)
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Document Number	Initiator	Report Date	Section	Reason
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Report Authorisation



Ashley Hart
Project Manager
Ektimo Signatory

NATA Accredited Laboratory
 No. 14601

Accredited for compliance with ISO/IEC 17025 - Testing. NATA is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

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1 EXECUTIVE SUMMARY

Ektimo was engaged by Yara Pilbara Nitrates to perform RATA (Relative Accuracy Test Audit) monitoring to assess the performance of the Continuous Emission Monitoring System (CEMS) installed on the Nitric Acid Stack at the Burrup Peninsula site of Yara Pilbara Nitrates.

Monitoring was performed as follows:

Location	Test Date	Test Parameters*
Nitric Acid Stack	12 th August 2020	Ammonia, nitrogen oxides, nitrous oxide, oxygen Flow rate, temperature

All results are reported on a dry basis at STP. Unless otherwise indicated, the methods cited in this report have been performed without deviation.

2 RESULTS SUMMARY

RATA monitoring for Yara Nitrates – Nitric Acid Stack was conducted on 28 June 2019. A summary of results is set out below:

Analyte	Location & Instrument	Bias			Relative Accuracy		
		Criteria %	Measured%	Compliant?	Criteria %	Measured%	Compliant?
Ammonia	Nitric Acid Stack	2%	0.01%	Compliant	5%	0.4%	Compliant
	Ideal						
Nitrogen oxides	Nitric Acid Stack	2%	0.004%	Compliant	20%	7.6%	Compliant
	Ideal						
Nitrous oxide	Nitric Acid Stack	2%	0.03%	Compliant	20%	3.3%	Compliant
	Ideal						
Oxygen	Nitric Acid Stack	2%	0.024%	Compliant	10%	1.4%	Compliant
	Ideal						

Analyte	Location & Instrument	Relative Accuracy		
		Criteria %	Measured%	Compliant?
Flow Rate	Nitric Acid Stack	20%	3.4%	Compliant
	12-FI-067			

Analyte	Location & Instrument	Relative Accuracy		
		Criteria °C	Measured °C	Compliant?
Temperature	Nitric Acid Stack	±10°C	2°C	Compliant
	12-TZI-079			

3 RESULTS

3.1 Nitric Acid Stack – Ammonia RATA

Facility	YARA Pilbara	Sample Plane Compliance (AS 4323.1)	Ideal
Location	Dampier Peninsula	CEMS Analyser Identification	12-AI-017_PV
Stack	Nitric Acid Stack	Reference Instrument	Horiba PG350
Test Date	12/08/2020	Reference USEPA Method	USEPA 7E
Job Number	R009154	Analyser Range	50
Operators	Ashley Hart	Emission Units	mg/m3 corrected to 17% O2
	Tom Manton	Licence Limit (mg/m3)	0.75
State	WA	Parameter	Ammonia

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
i				X	Y	di
1	12/08/2020	14:10	14:30	0.003	0.00	0.00
2	12/08/2020	14:31	14:51	0.003	0.0003	0.00
3	12/08/2020	14:52	15:12	0.003	0.0007	0.00
4	12/08/2020	15:13	15:33	0.003	0.0002	0.00
5	12/08/2020	15:34	15:54	0.003	0.0002	0.00
6	12/08/2020	15:55	16:15	0.003	0.00	0.00
7	12/08/2020	16:16	16:36	0.003	0.00	0.00
8	12/08/2020	16:37	16:57	0.003	0.00	0.00
9	12/08/2020	16:58	17:18	0.003	0.00	0.00
				Sum		0.03
				Absolute Mean	0.00	0.00
				St Dev		0.00
				Absolute 2.5% cc		0.00

Relative Accuracy	100.7%
Specification	10%
Final Result	Non compliant

Bias	0.01%
Specification	2.0%
Final Result	Compliant

Relative Accuracy ¹	0.4%
Specification	5%
Final Result	Compliant

1 - Ektimo has referenced note b from page 28 of the WA CEMS Code to calculate Relative Accuracy. For low emission sources, this specification allows for the relative accuracy to be calculated based on the span value instead of the average concentration of the reference tests.

3.2 Nitric Acid Stack - Nitrogen oxides RATA

Facility	YARA Pilbara	Sample Plane Compliance (AS 4323.1)	Ideal
Location	Dampier Peninsula	CEMS Analyser Identification	12-AI-015_PV
Stack	Nitric Acid Stack	Reference Instrument	Horiba PG350
Test Date	12/08/2020	Reference USEPA Method	USEPA 7E
Job Number	R009154	Analyser Range	1500
Operators	Ashley Hart	Emission Units	mg/m3 corrceted to 17% O2
	Tom Manton	Licence Limit	na
State	WA	Parameter	Nitrogen oxides

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
i				X	Y	di
1	12/08/2020	14:10	14:30	15.77	14.16	1.61
2	12/08/2020	14:31	14:51	15.70	14.00	1.70
3	12/08/2020	14:52	15:12	15.77	15.63	0.14
4	12/08/2020	15:13	15:33	15.40	15.65	-0.25
5	12/08/2020	15:34	15:54	15.58	15.45	0.13
6	12/08/2020	15:55	16:15	15.87	15.49	0.38
7	12/08/2020	16:16	16:36	15.33	15.01	0.32
8	12/08/2020	16:37	16:57	15.37	14.43	0.94
9	12/08/2020	16:58	17:18	15.25	14.53	0.72
Sum						5.69
Absolute Mean				11.67	11.20	0.47
St Dev						0.64
Absolute 2.5% cc						0.41

Relative Accuracy	7.6%
Specification	20%
Final Result	Compliant

Bias	0.004%
Specification	2.0%
Final Result	Compliant

3.3 Nitric Acid Stack – Nitrous oxide RATA

Facility	YARA Pilbara	Sample Plane Compliance (AS 4323.1)	Ideal
Location	Dampier Peninsula	CEMS Analyser Identification	12-AI-017_PV
Stack	Nitric Acid Stack	Reference Instrument	Horiba PG350
Test Date	12/08/2020	Reference USEPA Method	USEPA 7E
Job Number	R009154	Analyser Range	50
Operators	Ashley Hart	Emission Units	mg/m3 corrcted to 17% O2
	Tom Manton	Licence Limit	na
State	WA	Parameter	Nitrous oxide

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
i				X	Y	di
1	12/08/2020	14:10	14:30	8.53	8.28	0.26
2	12/08/2020	14:31	14:51	8.47	8.46	0.01
3	12/08/2020	14:52	15:12	8.52	8.78	-0.26
4	12/08/2020	15:13	15:33	8.50	8.73	-0.24
5	12/08/2020	15:34	15:54	8.50	8.73	-0.24
6	12/08/2020	15:55	16:15	8.47	8.72	-0.24
7	12/08/2020	16:16	16:36	8.50	8.72	-0.21
8	12/08/2020	16:37	16:57	8.47	8.72	-0.26
9	12/08/2020	16:58	17:18	8.52	8.69	-0.18
Sum						-1.35
Absolute Mean				8.50	8.65	0.15
St Dev						0.17
Absolute 2.5% cc						0.13

Relative Accuracy	3.3%
Specification	20%
Final Result	Compliant

Bias	0.03%
Specification	2.0%
Final Result	Compliant

3.4 Nitric Acid Stack – Oxygen RATA

Facility	YARA Pilbara	Sample Plane Compliance (AS 4323.1)	Ideal
Location	Dampier Peninsula	CEMS Analyser Identification	12-AI-014_PV
Stack	Nitric Acid Stack	Reference Instrument	Horiba PG350
Test Date	12/08/2020	Reference USEPA Method	USEPA 3A
Job Number	R009154	Analyser Range	25
Operators	Ashley Hart	Emission Units	%
	Tom Manton	Licence Limit	na
State	WA	Parameter	Oxygen

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
i				X	Y	di
1	12/08/2020	14:10	14:30	3.17	3.19	-0.02
2	12/08/2020	14:31	14:51	3.17	3.23	-0.06
3	12/08/2020	14:52	15:12	3.22	3.24	-0.02
4	12/08/2020	15:13	15:33	3.23	3.23	-0.01
5	12/08/2020	15:34	15:54	3.19	3.24	-0.05
6	12/08/2020	15:55	16:15	3.17	3.20	-0.03
7	12/08/2020	16:16	16:36	3.17	3.20	-0.03
8	12/08/2020	16:37	16:57	3.19	3.22	-0.03
9	12/08/2020	16:58	17:18	3.19	3.18	0.01
				Sum		-0.23
				Absolute Mean	2.39	2.41
				St Dev		0.02
				Absolute 2.5% cc		0.01

Relative Accuracy	1.4%
Specification	10%
Final Result	Compliant

Bias	0.024%
Specification	2.0%
Final Result	Compliant

3.5 Nitric Acid Stack – Flow Rate RATA

Facility	YARA Pilbara	CEMS Analyser Identification	12-FI-067
Location	Dampier Peninsula	CEMS Full Span Accuracy	na
Stack	Nitric Acid Stack	Reference Instrument	TSI - Ektimo # 209
Test Date	12/08/2020	Reference Method	USEPA 2
Job Number	R009154	Span Range	na
Operators	Ashley Hart	Emission Units	kg/hr
	Tom Manton	Licence Limit	na
State	WA	Parameter	Flow Rate

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference	
1	12/08/2020	1430	1440	97000	91719	5281	
2	12/08/2020	1440	1450	90000	91635	-1635	
3	12/08/2020	1450	1500	92000	91105	895	
4	12/08/2020	1500	1510	93000	91219	1781	
5	12/08/2020	1510	1520	92000	91158	842	
6	12/08/2020	1520	1530	92000	90343	1657	
7	12/08/2020	1530	1540	92000	90947	1053	
8	12/08/2020	1540	1550	92000	91314	686	
9	12/08/2020	1550	1600	95000	90938	4062	
				Sum		14622.45	
				Absolute Mean	92777.78	91153.06	1624.72
				St Dev		2009.93	
				Absolute 2.5% cc		1544.97	

Relative Accuracy	3.4%
Specification	20%
Final Result	Compliant

3.6 Nitric Acid Stack – Temperature RATA

Facility	YARA Pilbara	CEMS Analyser Identification	12-TZI-079
Location	Dampier Peninsula	CEMS Full Span Accuracy	na
Stack	Nitric Acid Stack	Reference Instrument (If applic.)	Testo440 - Ektimo # 386
Test Date	12/08/2020	Reference Method	USEPA 2
Job Number	R009154	Span Range	1000
Operators	Ashley Hart	Emission Units	Degrees Celcius
	Tom Manton	Licence Limit	na
State	WA	Parameter	Temperature

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference %
1	12/08/2020	1430	1440	118	121	-3.37
2	12/08/2020	1440	1450	120	121	-1.42
3	12/08/2020	1450	1500	118	121	-3.45
4	12/08/2020	1500	1510	121	121	-0.38
5	12/08/2020	1510	1520	119	121	-2.49
6	12/08/2020	1520	1530	119	122	-2.56
7	12/08/2020	1530	1540	121	122	-0.55
8	12/08/2020	1540	1550	118	122	-3.63
9	12/08/2020	1550	1600	118	122	-3.63

Mean Temperature Difference	2°C
Specification	±10°C
Final Result	Compliant

4 PLANT OPERATING CONDITIONS

Unless otherwise stated, the plant operating conditions were normal at the time of testing. See Yara Pilbara Nitrates Pty Ltd's records for complete process conditions.

5 TEST METHODS

All sampling and analysis was performed by Ektimo unless otherwise specified. Specific details of the methods are available upon request.

Parameter	Sampling Method	Analysis Method	Uncertainty*	NATA Accredited	
				Sampling	Analysis
Sample plane criteria	AS 4323.1	NA	NA	✓	NA
Flow rate, temperature and velocity	NA	USEPA 2	8%, 2%, 7%	NA	✓
Nitrogen oxides	USEPA 7E	USEPA 7E	12%	✓	✓
Ammonia	USEPA CTM 027	Envirolab Inorg-093	18%	✓	✓ [‡]
Oxygen	NA	USEPA 3A	13%	NA	✓
Nitrous oxide	NA	USEPA 7E	13%	NA	NA

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* Uncertainty values cited in this table are calculated at the 95% confidence level (coverage factor = 2)

‡ Analysis performed by Envirolab, NATA accreditation number 2901. Results were reported to Ektimo on 7/06/19 in report number 218860.

6 DEVIATIONS FROM TEST METHODS

Sampling for Ammonia has been conducted via non-isokinetic sampling methodology, following the principles of USEPA CTM-027. Due to the design of the Nitric Acid stack it is not possible to conduct isokinetic sampling at this emission source.

Sampling for Nitrous Oxide (N₂O) was been conducted using a Teledyne Model T320 N₂O analyser. As there is no Australian or international standard methodology for measuring N₂O, Ektimo followed the principles of USEPA 7E in determining concentrations of N₂O from this source.

7 SAMPLING PLANE COMPLIANCE

RATA sampling was conducted in accordance with section 5.3.8.3 of the WA CEMS Code. The below table outlines the sampling locations compliance with AS4323.1.

Sampling Plane Details	
Sampling plane dimensions	1,500mm
Sampling plane area	1.77 m ²
Sampling port size	4" Flange
Sampling ports available	4
Sampling port depth	350mm
Access and height of ports	Fixed ladder, 34 m
Duct orientation and shape	Verticle, circular
Downstream disturbance	Inlet
Upstream disturbance	Exit
Sampling plane compliance to AS4323.1	Ideal

8 QUALITY ASSURANCE/ QUALITY CONTROL INFORMATION

Ektimo is accredited by the National Association of Testing Authorities (NATA) for the sampling and analysis of air pollutants from industrial sources. Unless otherwise stated test methods used are accredited with the National Association of Testing Authorities. For full details, search for Ektimo at NATA's website www.nata.com.au.

Ektimo is accredited by NATA (National Association of Testing Authorities) to ISO/IEC 17025 - Testing. ISO/IEC 17025 - Testing requires that a laboratory have adequate equipment to perform the testing, as well as laboratory personnel with the competence to perform the testing. This quality assurance system is administered and maintained by the Quality Director.

NATA is a member of APLAC (Asia Pacific Laboratory Accreditation Co-operation) and of ILAC (International Laboratory Accreditation Co-operation). Through the mutual recognition arrangements with both of these organisations, NATA accreditation is recognised worldwide.

9 DEFINITIONS

The following symbols and abbreviations may be used in this test report:

% v/v	Volume to volume ratio, dry or wet basis.
<	Less than
>	Greater than
≥	Greater than or equal to
AS	Australian Standard
Bias Test	Test to determine if PEMS is biased relative to the RM. From the RA data taken at the mid-level, determine if a bias exists between the RM and PEMS. The PEMS is considered biased if the arithmetic mean is greater than the absolute value of the confidence coefficient.
BSP	British standard pipe
CEM	Continuous Emission Monitoring
CEMS	Continuous Emission Monitoring System
CTM	Conditional test method
D	Duct diameter or equivalent duct diameter for rectangular ducts
Disturbance	A flow obstruction or instability in the direction of the flow which may impede accurate flow determination. This includes centrifugal fans, axial fans, partially closed or closed dampers, louvres, bends, connections, junctions, direction changes or changes in pipe diameter.
EPA	Environment Protection Authority
F-test	A statistical test performed on each RA data set collected from each operating level to calculate the variances of the RM and PEMS. The calculated F value must not be greater than the critical F-value at the 95-percent confidence level for PEMS to be acceptable. In cases where the average emissions for the test are less than 50 percent of the applicable standard, substitute the emission standard value here in place of the average RM value.
NA	Not applicable
NATA	National Association of Testing Authorities
NT	Not tested or results not required
OM	Other approved method
PEMS	Predictive Emission Monitoring System
RATA	Relative Accuracy Test Audit
	$RA = \frac{ \bar{d} + cc }{RM} \times 100 \quad \text{Eq 16-4}$
	Where d = arithmetic mean of the differences between paired RM and PEMS observations cc = Confidence coefficient. RM = Average RM value (or in the case of the RAA, the average portable analyzer value).
RM	Reference Method
STP	Standard temperature and pressure. Gas volumes and concentrations are expressed on a dry basis at 0°C, at discharge oxygen concentration and an absolute pressure of 101.325 kPa, unless otherwise specified.
USEPA	United States Environmental Protection Agency

10 APPRENDICIES

10.1 Nitric Acid Stack – Raw Data

Ektimo - Reference Analyser Results							YARA - CEMS Analyser Results			
Date & Time	NOx PPM	NOx PPM O2 Cor.	NOx mg/m3 O2 Cor.	O2 (%)	N2O PPM	N2O mg/m3 O2 Cor.	NOx mg/m3 O2 Cor.	NH3 mg/m3 O2 Cor.	N2O mg/m3 O2 Cor.	O2 (%)
12/08/2020 14:10	38.8	8.5	17.6	3.2	20.1	8.7	14.34	0.000154	8.30	3.24
12/08/2020 14:11	30.3	6.7	13.7	3.2	20.1	8.7	14.35	0.000558	8.30	3.24
12/08/2020 14:12	38.1	8.4	17.2	3.1	19.3	8.3	15.23	0.000000	8.30	3.25
12/08/2020 14:13	35.9	7.9	16.2	3.1	19.6	8.4	12.69	0.000000	8.29	3.23
12/08/2020 14:14	35.3	7.8	16	3.2	19.4	8.4	11.89	0.000000	8.26	3.15
12/08/2020 14:15	28.7	6.3	13	3.2	20.0	8.7	15.63	0.000000	8.24	3.11
12/08/2020 14:16	39.4	8.7	17.8	3.2	19.3	8.4	14.93	0.000000	8.24	3.12
12/08/2020 14:17	33.1	7.3	15	3.2	20.1	8.7	13.72	0.000000	8.27	3.17
12/08/2020 14:18	30.4	6.7	13.7	3.2	19.3	8.3	13.61	0.000000	8.28	3.21
12/08/2020 14:19	36.3	8	16.3	3.1	19.8	8.5	14.71	0.000000	8.28	3.21
12/08/2020 14:20	40.9	9	18.4	3.1	20.1	8.7	13.04	0.000000	8.27	3.19
12/08/2020 14:21	37.2	8.2	16.8	3.2	19.7	8.5	14.83	0.000000	8.27	3.18
12/08/2020 14:22	30.4	6.7	13.7	3.2	20.0	8.7	14.96	0.000000	8.27	3.18
12/08/2020 14:23	30.3	6.7	13.7	3.2	19.3	8.4	13.99	0.000000	8.27	3.17
12/08/2020 14:24	33	7.3	14.9	3.2	19.2	8.3	13.90	0.000000	8.26	3.15
12/08/2020 14:25	35.5	7.8	16	3.1	19.9	8.6	14.34	0.000000	8.25	3.13
12/08/2020 14:26	35.3	7.7	15.9	3.1	19.2	8.3	14.31	0.000000	8.26	3.16
12/08/2020 14:27	34.4	7.6	15.5	3.2	19.7	8.5	14.14	0.000000	8.28	3.20
12/08/2020 14:28	38.3	8.4	17.3	3.2	20.1	8.7	14.76	0.000000	8.30	3.24
12/08/2020 14:29	34.9	7.7	15.8	3.2	20.1	8.7	14.10	0.000000	8.30	3.25
12/08/2020 14:30	36.9	8.1	16.7	3.2	20.1	8.7	13.95	0.000000	8.29	3.21
12/08/2020 14:31	23.1	5.1	10.4	3.2	19.9	8.6	13.51	0.000000	8.25	3.14
12/08/2020 14:32	39.9	8.8	18	3.2	19.3	8.3	15.31	0.000000	8.24	3.11
12/08/2020 14:33	38.8	8.5	17.6	3.2	19.5	8.4	14.64	0.000000	8.24	3.11
12/08/2020 14:34	30.3	6.7	13.7	3.2	19.9	8.6	13.63	0.000000	8.26	3.16
12/08/2020 14:35	38.1	8.4	17.2	3.1	19.3	8.3	14.57	0.000000	8.30	3.24
12/08/2020 14:36	35.9	7.9	16.2	3.1	19.2	8.3	14.44	0.000000	8.30	3.25
12/08/2020 14:37	35.3	7.8	16	3.2	19.6	8.5	14.94	0.000000	8.30	3.23
12/08/2020 14:38	28.7	6.3	13	3.2	19.3	8.3	13.77	0.000000	8.27	3.19
12/08/2020 14:39	39.4	8.7	17.8	3.2	19.5	8.5	14.02	0.000000	8.26	3.16
12/08/2020 14:40	33.1	7.3	15	3.2	19.6	8.5	14.02	0.000000	8.26	3.15
12/08/2020 14:41	38.8	8.5	17.6	3.2	19.8	8.6	11.92	0.000000	8.27	3.19
12/08/2020 14:42	30.3	6.7	13.7	3.2	19.2	8.3	12.37	0.001275	8.30	3.24
12/08/2020 14:43	38.1	8.4	17.2	3.1	19.7	8.5	13.77	0.000154	8.44	3.30
12/08/2020 14:44	35.9	7.9	16.2	3.1	20.1	8.7	14.65	0.000155	8.62	3.41
12/08/2020 14:45	35.3	7.8	16	3.2	19.8	8.6	13.53	0.000154	8.74	3.33
12/08/2020 14:46	28.7	6.3	13	3.2	19.3	8.4	13.99	0.000154	8.76	3.29
12/08/2020 14:47	39.4	8.7	17.8	3.2	19.5	8.4	14.18	0.000154	8.77	3.31
12/08/2020 14:48	33.1	7.3	15	3.2	19.9	8.6	13.09	0.001187	8.77	3.30
12/08/2020 14:49	30.4	6.7	13.7	3.2	19.4	8.4	15.36	0.002551	8.76	3.28
12/08/2020 14:50	36.3	8	16.3	3.1	20.0	8.6	15.34	0.000154	8.74	3.25
12/08/2020 14:51	40.9	9	18.4	3.1	19.3	8.3	12.96	0.000154	8.74	3.25
12/08/2020 14:52	37.2	8.2	16.8	3.2	19.3	8.3	14.36	0.000154	8.74	3.25
12/08/2020 14:53	30.4	6.7	13.7	3.2	19.9	8.6	16.80	0.000154	8.73	3.24
12/08/2020 14:54	30.3	6.7	13.7	3.2	19.9	8.6	15.04	0.000181	8.72	3.21
12/08/2020 14:55	33	7.3	14.9	3.2	19.3	8.4	14.49	0.003444	8.74	3.24
12/08/2020 14:56	35.5	7.8	16	3.1	20.2	8.7	15.47	0.002941	8.74	3.25
12/08/2020 14:57	35.3	7.7	15.9	3.1	19.6	8.5	15.14	0.003661	8.74	3.25
12/08/2020 14:58	34.4	7.6	15.5	3.2	19.3	8.3	14.35	0.000428	8.74	3.25
12/08/2020 14:59	38.3	8.4	17.3	3.2	19.4	8.4	14.80	0.000000	8.75	3.26
12/08/2020 15:00	34.9	7.7	15.8	3.2	19.3	8.4	14.33	0.000000	8.76	3.29
12/08/2020 15:01	36.9	8.1	16.7	3.2	19.9	8.6	15.09	0.000000	8.74	3.25
12/08/2020 15:02	23.1	5.1	10.4	3.2	19.3	8.4	15.25	0.000000	8.74	3.24
12/08/2020 15:03	39.9	8.8	18	3.2	19.7	8.5	14.53	0.000000	8.71	3.19
12/08/2020 15:04	39.5	8.7	17.8	3.2	20.1	8.7	13.10	0.000163	8.71	3.18
12/08/2020 15:05	26.2	5.8	11.8	3.1	19.9	8.6	15.79	0.000154	8.73	3.23
12/08/2020 15:06	23.6	5.3	10.9	3.5	19.5	8.6	15.57	0.000234	8.76	3.28
12/08/2020 15:07	35.6	7.9	16.3	3.4	20.2	8.8	13.31	0.000854	8.78	3.32
12/08/2020 15:08	40.8	9	18.6	3.3	19.4	8.5	15.69	0.001797	8.91	3.31
12/08/2020 15:09	42.9	9.5	19.4	3.2	20.1	8.7	17.26	0.000431	8.98	3.25
12/08/2020 15:10	45.3	10	20.5	3.2	19.5	8.4	18.30	0.000153	8.93	3.16
12/08/2020 15:11	42.2	9.3	19.2	3.3	19.5	8.5	20.12	0.000153	8.94	3.16
12/08/2020 15:12	26.4	5.8	12	3.3	19.7	8.6	19.52	0.000154	8.83	3.24
12/08/2020 15:13	33.2	7.3	15.1	3.3	20.2	8.8	16.69	0.000154	8.74	3.25
12/08/2020 15:14	39	8.6	17.7	3.2	19.2	8.3	15.83	0.000154	8.74	3.25
12/08/2020 15:15	33.5	7.4	15.2	3.3	20.1	8.7	17.48	0.000154	8.74	3.25
12/08/2020 15:16	28.9	6.4	13.1	3.3	19.3	8.4	17.11	0.000154	8.74	3.25
12/08/2020 15:17	28.6	6.3	13	3.3	19.3	8.4	14.90	0.000154	8.74	3.25
12/08/2020 15:18	40.4	8.9	18.4	3.3	19.2	8.4	14.21	0.000220	8.74	3.25
12/08/2020 15:19	29.9	6.6	13.6	3.2	19.4	8.4	16.64	0.001752	8.74	3.25
12/08/2020 15:20	34.3	7.6	15.6	3.2	19.5	8.4	16.12	0.000174	8.74	3.25
12/08/2020 15:21	29.7	6.6	13.5	3.2	20.0	8.7	15.53	0.000154	8.74	3.25
12/08/2020 15:22	35.2	7.8	16	3.3	19.5	8.5	14.68	0.000154	8.74	3.25
12/08/2020 15:23	35.1	7.7	15.9	3.2	19.6	8.5	15.51	0.000154	8.74	3.25
12/08/2020 15:24	28.8	6.4	13	3.2	19.2	8.3	16.19	0.000154	8.74	3.25
12/08/2020 15:25	36.4	8	16.5	3.2	19.4	8.4	14.99	0.000154	8.74	3.25
12/08/2020 15:26	36	7.9	16.3	3.2	19.9	8.6	15.39	0.000154	8.74	3.25
12/08/2020 15:27	31.3	6.9	14.2	3.2	19.9	8.6	15.55	0.000154	8.74	3.25
12/08/2020 15:28	36.3	8	16.5	3.2	20.0	8.6	14.96	0.000154	8.74	3.25
12/08/2020 15:29	36.4	8	16.5	3.2	19.6	8.5	15.17	0.000154	8.74	3.25
12/08/2020 15:30	38.4	8.4	17.3	3.1	19.6	8.4	15.56	0.000154	8.73	3.24
12/08/2020 15:31	31.3	6.9	14.1	3.2	19.3	8.4	16.46	0.000153	8.69	3.15
12/08/2020 15:32	32.7	7.2	14.8	3.2	19.6	8.5	15.19	0.000153	8.68	3.13
12/08/2020 15:33	37.9	8.4	17.2	3.3	19.8	8.6	14.48	0.000153	8.72	3.21
12/08/2020 15:34	29.9	6.6	13.6	3.3	19.7	8.6	15.90	0.000154	8.76	3.28
12/08/2020 15:35	33	7.3	15	3.2	20.1	8.7	15.37	0.000154	8.78	3.32
12/08/2020 15:36	34.6	7.6	15.7	3.2	19.3	8.4	14.98	0.000154	8.76	3.28
12/08/2020 15:37	33.9	7.5	15.3	3.2	19.3	8.3	15.50	0.000154	8.74	3.25
12/08/2020 15:38	36.9	8.1	16.7	3.2	19.4	8.4	15.18	0.000154	8.73	3.24
12/08/2020 15:39	33.4	7.4	15.1	3.2	19.4	8.4	15.53	0.000154	8.73	3.23
12/08/2020 15:40	34.3	7.6	15.5	3.2	20.1	8.7	15.00	0.000154	8.73	3.24
12/08/2020 15:41	36.5	8	16.5	3.2	19.4	8.4	15.75	0.000154	8.74	3.24
12/08/2020 15:42	33	7.3	14.9	3.2	19.4	8.4	15.06	0.000154	8.74	3.25
12/08/2020 15:43	39	8.6	17.7	3.2	19.9	8.6	15.16	0.000154	8.74	3.25

Ektimo - Reference Analyser Results							YARA - CEMS Analyser Results			
Date & Time	NOx PPM	NOx PPM O2 Cor.	NOx mg/m3 O2 Cor.	O2 (%)	N2O PPM	N2O mg/m3 O2 Cor.	NOx mg/m3 O2 Cor.	NH3 mg/m3 O2 Cor.	N2O mg/m3 O2 Cor.	O2 (%)
12/08/2020 15:44	26.8	5.9	12.1	3.2	19.2	8.3	16.34	0.000154	8.74	3.25
12/08/2020 15:45	35.6	7.8	16.1	3.2	20.1	8.7	14.80	0.000154	8.73	3.24
12/08/2020 15:46	37.3	8.2	16.9	3.2	19.4	8.4	15.19	0.000154	8.74	3.24
12/08/2020 15:47	36.3	8	16.4	3.1	19.8	8.5	15.37	0.000154	8.74	3.25
12/08/2020 15:48	33.8	7.4	15.2	3.1	19.9	8.6	15.48	0.000153	8.71	3.20
12/08/2020 15:49	33.8	7.4	15.3	3.2	19.7	8.5	15.59	0.000153	8.68	3.12
12/08/2020 15:50	39.2	8.6	17.7	3.2	20.0	8.7	15.64	0.000153	8.68	3.14
12/08/2020 15:51	26.4	5.8	11.9	3.2	20.0	8.7	15.80	0.000154	8.73	3.22
12/08/2020 15:52	32.6	7.2	14.8	3.2	19.4	8.4	15.10	0.000154	8.74	3.25
12/08/2020 15:53	41.2	9.1	18.7	3.2	19.4	8.4	15.75	0.000261	8.74	3.25
12/08/2020 15:54	35.8	7.9	16.1	3.1	19.5	8.4	15.99	0.000338	8.74	3.25
12/08/2020 15:55	41.4	9.1	18.7	3.1	19.7	8.5	15.25	0.000000	8.71	3.20
12/08/2020 15:56	38.8	8.5	17.6	3.2	20.0	8.6	15.65	0.000000	8.68	3.12
12/08/2020 15:57	30.3	6.7	13.7	3.2	19.7	8.5	16.26	0.000000	8.71	3.19
12/08/2020 15:58	38.1	8.4	17.2	3.1	20.1	8.6	15.09	0.000000	8.74	3.25
12/08/2020 15:59	35.9	7.9	16.2	3.1	19.3	8.3	15.73	0.000000	8.71	3.19
12/08/2020 16:00	35.3	7.8	16	3.2	19.3	8.4	15.39	0.000000	8.68	3.13
12/08/2020 16:01	28.7	6.3	13	3.2	19.2	8.3	16.71	0.000000	8.72	3.21
12/08/2020 16:02	39.4	8.7	17.8	3.2	19.4	8.4	15.42	0.000000	8.74	3.25
12/08/2020 16:03	33.1	7.3	15	3.2	19.5	8.4	15.09	0.000000	8.74	3.25
12/08/2020 16:04	30.4	6.7	13.7	3.2	20.0	8.7	15.02	0.000000	8.74	3.25
12/08/2020 16:05	36.3	8	16.3	3.1	19.5	8.4	15.34	0.000000	8.73	3.24
12/08/2020 16:06	40.9	9	18.4	3.1	19.6	8.4	15.19	0.000000	8.70	3.17
12/08/2020 16:07	37.2	8.2	16.8	3.2	19.2	8.3	16.39	0.000000	8.68	3.13
12/08/2020 16:08	30.4	6.7	13.7	3.2	19.4	8.4	16.15	0.000000	8.72	3.21
12/08/2020 16:09	30.3	6.7	13.7	3.2	19.9	8.6	14.29	0.000000	8.74	3.24
12/08/2020 16:10	33	7.3	14.9	3.2	19.9	8.6	15.38	0.000000	8.74	3.24
12/08/2020 16:11	35.5	7.8	16	3.1	20.0	8.6	16.01	0.000000	8.74	3.24
12/08/2020 16:12	35.3	7.7	15.9	3.1	19.6	8.4	15.38	0.000000	8.70	3.16
12/08/2020 16:13	34.4	7.6	15.5	3.2	19.6	8.5	14.84	0.000000	8.68	3.12
12/08/2020 16:14	38.3	8.4	17.3	3.2	19.3	8.4	15.49	0.000000	8.71	3.19
12/08/2020 16:15	34.9	7.7	15.8	3.2	19.6	8.5	15.28	0.000000	8.74	3.25
12/08/2020 16:16	36.9	8.1	16.7	3.2	19.8	8.6	15.71	0.000000	8.74	3.25
12/08/2020 16:17	23.1	5.1	10.4	3.2	19.7	8.5	14.62	0.000000	8.74	3.25
12/08/2020 16:18	39.9	8.8	18	3.2	20.1	8.7	13.11	0.000000	8.74	3.25
12/08/2020 16:19	39.5	8.7	17.8	3.2	19.3	8.4	15.45	0.000000	8.73	3.23
12/08/2020 16:20	26.2	5.8	11.8	3.1	19.3	8.3	15.87	0.000000	8.71	3.18
12/08/2020 16:21	30.7	6.7	13.8	3.1	19.4	8.3	14.44	0.000000	8.70	3.17
12/08/2020 16:22	27.7	6.1	12.5	3.1	19.4	8.3	14.74	0.000000	8.70	3.17
12/08/2020 16:23	33.2	7.3	15	3.2	20.1	8.7	14.58	0.000000	8.71	3.18
12/08/2020 16:24	34.3	7.5	15.5	3.2	19.4	8.4	14.64	0.000000	8.72	3.20
12/08/2020 16:25	30.4	6.7	13.7	3.2	19.4	8.4	14.69	0.000000	8.74	3.24
12/08/2020 16:26	37.8	8.3	17.1	3.2	19.9	8.6	15.54	0.000000	8.74	3.24
12/08/2020 16:27	31.7	7	14.3	3.2	19.2	8.3	15.75	0.000000	8.73	3.22
12/08/2020 16:28	36.2	8	16.3	3.2	20.1	8.7	15.43	0.000000	8.72	3.21
12/08/2020 16:29	37.4	8.2	16.9	3.1	19.4	8.4	15.24	0.000000	8.71	3.19
12/08/2020 16:30	33.4	7.3	15.1	3.1	19.8	8.5	15.73	0.000000	8.71	3.18
12/08/2020 16:31	31.6	6.9	14.3	3.1	19.9	8.6	15.72	0.000000	8.70	3.17
12/08/2020 16:32	43.7	9.6	19.7	3.2	19.7	8.5	13.98	0.000000	8.69	3.15
12/08/2020 16:33	40.5	8.9	18.3	3.2	20.0	8.7	16.51	0.000020	8.70	3.16
12/08/2020 16:34	24	5.3	10.8	3.2	20.0	8.7	15.91	0.000015	8.71	3.18
12/08/2020 16:35	40.1	8.8	18.1	3.2	20.1	8.7	12.90	0.000000	8.71	3.18
12/08/2020 16:36	35	7.7	15.8	3.2	19.3	8.4	14.66	0.000000	8.71	3.18
12/08/2020 16:37	35	7.7	15.8	3.2	19.3	8.4	16.87	0.000000	8.71	3.20
12/08/2020 16:38	30.6	6.7	13.8	3.2	19.2	8.3	14.81	0.000000	8.72	3.21
12/08/2020 16:39	43.4	9.6	19.6	3.2	19.4	8.4	13.37	0.000000	8.73	3.23
12/08/2020 16:40	37.1	8.2	16.8	3.2	19.5	8.4	16.03	0.000000	8.74	3.25
12/08/2020 16:41	26.8	5.9	12.1	3.2	20.0	8.7	15.82	0.000000	8.74	3.25
12/08/2020 16:42	28.9	6.4	13	3.2	19.5	8.5	13.35	0.000000	8.73	3.23
12/08/2020 16:43	35.5	7.8	16	3.2	19.6	8.5	14.44	0.000000	8.72	3.21
12/08/2020 16:44	28.1	6.2	12.7	3.1	19.2	8.3	14.98	0.000000	8.71	3.19
12/08/2020 16:45	43.8	9.6	19.8	3.2	19.4	8.4	13.93	0.000000	8.71	3.18
12/08/2020 16:46	39.6	8.7	17.9	3.1	19.9	8.6	16.35	0.000000	8.71	3.18
12/08/2020 16:47	26	5.7	11.7	3.2	19.9	8.6	15.72	0.000000	8.71	3.18
12/08/2020 16:48	21	4.6	9.5	3.2	20.0	8.6	13.55	0.000000	8.71	3.18
12/08/2020 16:49	33.7	7.4	15.2	3.2	19.6	8.5	11.48	0.000000	8.71	3.20
12/08/2020 16:50	27.8	6.1	12.6	3.2	19.6	8.5	13.08	0.000000	8.74	3.24
12/08/2020 16:51	35.7	7.9	16.2	3.2	19.3	8.4	13.70	0.000000	8.74	3.25
12/08/2020 16:52	33.7	7.4	15.2	3.2	19.6	8.5	14.32	0.000000	8.74	3.25
12/08/2020 16:53	36.4	8	16.4	3.2	19.8	8.6	14.36	0.000000	8.74	3.25
12/08/2020 16:54	37.5	8.2	16.9	3.2	19.7	8.5	13.97	0.000000	8.73	3.24
12/08/2020 16:55	28.9	6.4	13	3.2	20.1	8.7	14.44	0.000000	8.73	3.22
12/08/2020 16:56	43.9	9.7	19.8	3.2	19.3	8.4	14.00	0.000000	8.73	3.22
12/08/2020 16:57	41.6	9.2	18.8	3.2	19.3	8.3	14.56	0.000000	8.73	3.22
12/08/2020 16:58	29.7	6.5	13.4	3.2	19.4	8.4	15.48	0.000000	8.73	3.22
12/08/2020 16:59	32.3	7.1	14.6	3.2	19.4	8.4	14.26	0.000000	8.72	3.21
12/08/2020 17:00	42.2	9.3	19.1	3.2	20.1	8.7	13.91	0.000000	8.72	3.21
12/08/2020 17:01	29.7	6.5	13.4	3.2	19.4	8.4	15.32	0.000000	8.71	3.19
12/08/2020 17:02	32.5	7.1	14.7	3.2	19.4	8.4	14.39	0.000000	8.71	3.18
12/08/2020 17:03	33.5	7.4	15.1	3.2	19.9	8.6	14.96	0.000000	8.71	3.18
12/08/2020 17:04	32	7	14.5	3.2	19.2	8.3	14.15	0.000000	8.72	3.20
12/08/2020 17:05	33.3	7.3	15	3.2	20.1	8.7	14.58	0.000000	8.73	3.23
12/08/2020 17:06	36.7	8.1	16.6	3.2	19.4	8.4	14.36	0.000000	8.73	3.23
12/08/2020 17:07	37.9	8.3	17.1	3.2	19.8	8.6	16.12	0.000000	8.73	3.22
12/08/2020 17:08	32.2	7.1	14.6	3.2	19.9	8.6	15.09	0.000000	8.73	3.23
12/08/2020 17:09	29.5	6.5	13.3	3.2	19.7	8.5	14.26	0.000000	8.73	3.24
12/08/2020 17:10	36	7.9	16.2	3.1	20.0	8.6	14.27	0.000000	8.72	3.21
12/08/2020 17:11	28.7	6.3	13	3.2	20.0	8.7	14.14	0.000000	8.71	3.19
12/08/2020 17:12	33.5	7.3	15.1	3.1	19.4	8.3	13.94	0.000000	8.71	3.19
12/08/2020 17:13	39.3	8.6	17.7	3.1	19.4	8.4	14.30	0.000000	8.69	3.14
12/08/2020 17:14	32.3	7.1	14.6	3.2	19.5	8.4	14.86	0.000000	8.67	3.11
12/08/2020 17:15	42.2	9.3	19.1	3.2	19.7	8.5	16.03	0.000000	8.66	3.08
12/08/2020 17:16	29.7	6.5	13.4	3.2	20.0	8.6	14.00	0.000000	8.67	3.10
12/08/2020 17:17	32.5	7.1	14.7	3.2	19.7	8.5	13.64	0.000000	8.57	3.10
12/08/2020 17:18	33.5	7.4	15.1	3.2	20.0	8.7	13.13	0.000000	8.47	3.10

10.2 Ektimo – RAW Data (Ammonia)

Date	12/08/2020	Client	44055
Report	R009154	Stack ID	Nitric Acid Stack
Licence No.	L9223/2019/1	Location	Burrup Peninsula
Ektimo Staff	Ashley Hart/ Tom Manton	State	WA

Sampling Plane Details	
Sampling plane dimensions	1500 mm
Sampling plane area	1.77 m ²
Sampling port size, number & depth	4" Flange (x4), 350 mm
Access & height of ports	Fixed ladder 34 m
Duct orientation & shape	Vertical Circular
Downstream disturbance	Exit 16 D
Upstream disturbance	Inlet 9.6 D
No. traverses & points sampled	2 12
Sample plane compliance to AS4323.1	Ideal

Ammonia	Sampling time	Test 1		Test 2	
		1405-1425		1426-1446	
		Concentration	Corrected to	Concentration	Corrected to
		mg/m ³	17% O2 mg/m ³	mg/m ³	17% O2 mg/m ³
Ammonia		<0.01	<0.003	<0.01	<0.003

Ammonia	Sampling time	Test 3		Test 4	
		1447-1507		1508-1528	
		Concentration	Corrected to	Concentration	Corrected to
		mg/m ³	17% O2 mg/m ³	mg/m ³	17% O2 mg/m ³
Ammonia		<0.01	<0.003	<0.01	<0.003

Ammonia	Sampling time	Test 5		Test 6	
		1529-1549		1549-1609	
		Concentration	Corrected to	Concentration	Corrected to
		mg/m ³	17% O2 mg/m ³	mg/m ³	17% O2 mg/m ³
Ammonia		<0.01	<0.003	<0.01	<0.003

Ammonia	Sampling time	Test 7		Test 8	
		1610-1630		1631-1651	
		Concentration	Corrected to	Concentration	Corrected to
		mg/m ³	17% O2 mg/m ³	mg/m ³	17% O2 mg/m ³
Ammonia		<0.01	<0.003	<0.01	<0.003

Ammonia	Sampling time	Test 9	
		1651-1711	
		Concentration	Corrected to
		mg/m ³	17% O2 mg/m ³
Ammonia		<0.01	<0.003



REPORT NUMBER R009154-1

Emission Testing Report

Common Stack

August 2020

Yara Pilbara Nitrates, Burrup Peninsula

Document Information

Template Version: 030620

Client Name: Yara Pilbara Nitrates
Report Number: R009154-1
Date of Issue: 17 September 2020
Attention: Nicole Ivory
Address: Lot 564, Village Road
Burrup Peninsula Karratha 6714
Testing Laboratory: Ektimo Pty Ltd, ABN 86 600 381 413

Report Authorisation



NATA Accredited Laboratory
No. 14601

Ashley Hart
Project Manager
Ektimo Signatory

Accredited for compliance with ISO/IEC 17025 - Testing. NATA is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

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1 EXECUTIVE SUMMARY

1.1 Background

Ektimo was engaged by Yara Pilbara Nitrates to perform emission testing. The sampling program was completed on 13 August 2020.

Results from this stack emission monitoring program indicate that Yara Pilbara Nitrates was compliant with requirements of Licence L7997/2002/11 during this monitoring period.

Monitoring was performed as follows:

Location	Test Date	Test Parameters*
A1 - Common stack	13 August 2020	Total particulate matter, ammonia

* Flow rate, velocity, temperature and moisture were also determined.

All results are reported on a dry basis at STP

Plant operating conditions have been noted in the report.

1.2 Results Summary

The following licence comparison table shows that all analytes highlighted in green are below the target set by the WA Department of Water and Environmental Regulation (DWER) works approval L7997/2002/11.

DWER No.	Location Description	Pollutant	Units	Target	Detected Values
A1	Common Stack	Particulate matter	mg/m ³	15	3.4
		Ammonia	mg/m ³	10	8.8

Refer to the Test Methods table for the measurement uncertainties.

2 RESULTS

2.1 A1 – Common stack

Date	13/08/2020	Client	Yara Pilbara Nitrates
Report	R009154	Stack ID	Common Stack - Unit 32
Licence No.	L9223/2019/1	Location	Burrup Peninsula
Ektimo Staff	Ashley Hart/ Tom Manton	State	WA

Sampling Plane Details	
Sampling plane dimensions	1850 mm
Sampling plane area	2.69 m ²
Sampling port size, number & depth	4" Flange (x4), 350 mm
Access & height of ports	Stairs 32 m
Duct orientation & shape	Vertical Circular
Downstream disturbance	Exit 11.2 D
Upstream disturbance	Inlet 7.6 D
No. traverses & points sampled	2 16
Sample plane compliance to AS4323.1	Ideal

Stack Parameters		
Moisture content, %v/v	2	
Gas molecular weight, g/g mole	28.7 (wet)	29.0 (dry)
Gas density at STP, kg/m ³	1.28 (wet)	1.29 (dry)

Isokinetic Results	Sampling time	Average		Test 1 0942-1048		Test 2 1055-1200	
		Concentration mg/m ³	Mass Rate g/min	Concentration mg/m ³	Mass Rate g/min	Concentration mg/m ³	Mass Rate g/min
Total particulate matter		3.4	9.5	3.5	9.8	3.2	9.1
Ammonia		8.8	25	8.7	25	8.9	25
Isokinetic Sampling Parameters							
Sampling time, min				64		64	
Isokinetic rate, %				98		99	
Gas Flow Parameters							
Initial flow measurement time (hhmm)				0930		1050	
Temperature, °C				25		25	
Velocity at sampling plane, m/s				19		19	
Volumetric flow rate, actual, m ³ /min				3100		3100	
Volumetric flow rate (wet STP), m ³ /min				2900		2900	
Volumetric flow rate (dry STP), m ³ /min				2800		2800	
Mass flow rate (wet basis), kg/hour				220000		220000	

3 TEST METHODS

All sampling performed by Ektimo unless otherwise specified. Specific details of the methods are available upon request.

Parameter	Sampling Method	Analysis Method	Method Detection Limit	Uncertainty*	NATA Accredited	
					Sampling	Analysis
Sample plane criteria	AS 4323.1	NA	NA	NA	✓	NA
Flow rate, temperature and velocity	NA	USEPA 2	Location specific	8%, 2%, 7%	NA	✓
Moisture	USEPA 4	USEPA 4	0.4%	8%	✓	✓
Ammonia	USEPA CTM 027	Envirolab Inorg-093	0.001 mg/m ³	18%	✓	✓ [‡]
Total particulate matter	USEPA 17	USEPA 17 ^{††}	1 mg/m ³	5%	✓	✓

* Uncertainty values cited in this table are calculated at the 95% confidence level (coverage factor = 2)

†† Gravimetric analysis conducted at the Ektimo Cockburn Central, WA laboratory, NATA accreditation number 14601.

‡ Analysis performed by Envirolab, NATA accreditation number 2901. Results were reported to Ektimo on 01/09/2020 in report number 249672.

4 QUALITY ASSURANCE/QUALITY CONTROL INFORMATION

Ektimo is accredited by the National Association of Testing Authorities (NATA) for the sampling and analysis of air pollutants from industrial sources. Unless otherwise stated test methods used are accredited with the National Association of Testing Authorities. For full details, search for Ektimo at NATA's website www.nata.com.au.

Ektimo is accredited by NATA (National Association of Testing Authorities) to ISO/IEC 17025 - Testing. ISO/IEC 17025 - Testing requires that a laboratory have adequate equipment to perform the testing, as well as laboratory personnel with the competence to perform the testing. This quality assurance system is administered and maintained by the Quality Director.

NATA is a member of APLAC (Asia Pacific Laboratory Accreditation Co-operation) and of ILAC (International Laboratory Accreditation Co-operation). Through the mutual recognition arrangements with both of these organisations, NATA accreditation is recognised worldwide.

5 DEFINITIONS

The following symbols and abbreviations may be used in this test report:

% v/v	Volume to volume ratio, dry or wet basis
~	Approximately
<	Less than
>	Greater than
≥	Greater than or equal to
APHA	American public health association, Standard Methods for the Examination of Water and Waste Water
AS	Australian Standard
BSP	British standard pipe
CARB	Californian Air Resources Board
CEM	Continuous Emission Monitoring
CEMS	Continuous Emission Monitoring System
CTM	Conditional test method
D	Duct diameter or equivalent duct diameter for rectangular ducts
D ₅₀	'Cut size' of a cyclone defined as the particle diameter at which the cyclone achieves a 50% collection efficiency ie. half of the particles are retained by the cyclone and half are not and pass through it to the next stage. The D ₅₀ method simplifies the capture efficiency distribution by assuming that a given cyclone stage captures all of the particles with a diameter equal to or greater than the D ₅₀ of that cyclone and less than the D ₅₀ of the preceding cyclone.
DECC	Department of Environment & Climate Change (NSW)
Disturbance	A flow obstruction or instability in the direction of the flow which may impede accurate flow determination. This includes centrifugal fans, axial fans, partially closed or closed dampers, louvres, bends, connections, junctions, direction changes or changes in pipe diameter.
DWER	Department of Water and Environmental Regulation (WA)
DEHP	Department of Environment and Heritage Protection (QLD)
EPA	Environment Protection Authority
FTIR	Fourier Transform Infra-red
ISC	Intersociety committee, Methods of Air Sampling and Analysis
ISO	International Organisation for Standardisation
Lower Bound	Defines values reported below detection as equal to zero.
Medium Bound	Defines values reported below detection are equal to half the detection limit.
NA	Not applicable
NATA	National Association of Testing Authorities
NIOSH	National Institute of Occupational Safety and Health
NT	Not tested or results not required
OM	Other approved method
OU	The number of odour units per unit of volume. The numerical value of the odour concentration is equal to the number of dilutions to arrive at the odour threshold (50% panel response).
PM ₁₀	Atmospheric suspended particulate matter having an equivalent aerodynamic diameter of less than approximately 10 microns (µm).
PM _{2.5}	Atmospheric suspended particulate matter having an equivalent aerodynamic diameter of less than approximately 2.5 microns (µm).
PSA	Particle size analysis
RATA	Relative Accuracy Test Audit
Semi-quantified VOCs	Unknown VOCs (those not matching a standard compound), are identified by matching the mass spectrum of the chromatographic peak to the NIST Standard Reference Database (version 14.0), with a match quality exceeding 70%. An estimated concentration will be determined by matching the integrated area of the peak with the nearest suitable compound in the analytical calibration standard mixture.
STP	Standard temperature and pressure. Gas volumes and concentrations are expressed on a dry basis at 0°C, at discharge oxygen concentration and an absolute pressure of 101.325 kPa, unless otherwise specified.
TM	Test Method
TOC	The sum of all compounds of carbon which contain at least one carbon to carbon bond, plus methane and its derivatives.
USEPA	United States Environmental Protection Agency
VDI	Verein Deutscher Ingenieure (Association of German Engineers)
Velocity Difference	The percentage difference between the average of initial flows and afterflows.
Vic EPA	Victorian Environment Protection Authority
VOC	Any chemical compound based on carbon with a vapour pressure of at least 0.010 kPa at 25°C or having a corresponding volatility under the particular conditions of use. These compounds may contain oxygen, nitrogen and other elements, but specifically excluded are carbon monoxide, carbon dioxide, carbonic acid, metallic carbides and carbonate salts.
XRD	X-ray Diffractometry
Upper Bound	Defines values reported below detection are equal to the detection limit.
95% confidence interval	Range of values that contains the true result with 95% certainty. This means there is a 5% risk that the true result is outside this range.

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REPORT NUMBER R010121

**Emission Testing Report
December 2020
Yara Pilbara Nitrates
Burrup Peninsula, WA**

Document Information

Template Version; 030620

Client Name: Yara Pilbara Nitrates
Report Number: R010121
Date of Issue: 19 January 2021
Attention: Nicole Ivory
Address: Lot 564, Village Road
Burrup Peninsula Karratha 6714
Testing Laboratory: Ektimo Pty Ltd, ABN 86 600 381 413

Report Authorisation



NATA Accredited Laboratory
No. 14601

Ashley Hart
Client Manager

Accredited for compliance with ISO/IEC 17025 - Testing. NATA is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

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5	Quality Assurance/Quality Control Information	6
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1 EXECUTIVE SUMMARY

1.1 Background

Ektimo was engaged by Yara Pilbara Nitrates to perform emission testing at their Burrup Peninsula plant. Testing was carried out in accordance with Environmental Licence L7997/2002/11.

1.2 Project Objectives

The objectives of the project were to conduct a monitoring programme to quantify emissions from one discharge point to determine compliance with Yara Pilbara Nitrates' Environmental Licence.

Monitoring was performed as follows:

Location	Test Date	Test Parameters*
A1 – Common stack	18 December 2020	Total particulate matter and ammonia

* Flow rate, velocity, temperature and moisture were also determined.

All results are reported on a dry basis at STP.

1.3 Results Summary

The following licence comparison table shows that all analytes highlighted in green are within the licence limit and all analytes highlighted in red are outside the licence limit set by the WA Department of Water and Environmental Regulation (DWER) as per licence L7997/2002/11.

DWER No.	Location Description	Pollutant	Units	Target	Detected Values
A1	Common Stack	Particulate matter	mg/m ³	15	<1
		Ammonia	mg/m ³	10	4.3

Please note that the measurement uncertainty associated with the test results was not considered when determining whether the results were compliant or non-compliant.

Refer to the Test Methods table for the measurement uncertainties.

2 RESULTS

2.1 A1 – Common Stack

Date	18/12/2020	Client	Yara Pilbara Nitrates
Report	R010121	Stack ID	Common Stack - Unit 32
Licence No.	L9223/2019/1	Location	Burrup Peninsula
Ektimo Staff	Ashley Hart	State	WA

Sampling Plane Details

Sampling plane dimensions	1850 mm
Sampling plane area	2.69 m ²
Sampling port size, number & depth	4" Flange (x4), 350 mm
Access & height of ports	Stairs 32 m
Duct orientation & shape	Vertical Circular
Downstream disturbance	Exit 11.2 D
Upstream disturbance	Inlet 7.6 D
No. traverses & points sampled	2 16
Sample plane compliance to AS4323.1	Ideal

Stack Parameters

Moisture content, %v/v	3.9
Gas molecular weight, g/g mole	28.5 (wet) 29.0 (dry)
Gas density at STP, kg/m ³	1.27 (wet) 1.29 (dry)

Isokinetic Results	Sampling time	Average		Test 1 0940-1046		Test 2 1100-1206	
		Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s
Total particulate matter		<1	<0.05	<1	<0.05	<1	<0.05
Ammonia		4.3	0.19	4.4	0.2	4.3	0.19
Isokinetic Sampling Parameters							
Sampling time, min				64		64	
Isokinetic rate, %				99		98	
Gas Flow Parameters							
Initial flow measurement time (hhmm)				0935		1050	
Temperature, °C				34		35	
Velocity at sampling plane, m/s				19		20	
Volumetric flow rate, actual, m ³ /min				3100		3200	
Volumetric flow rate (wet STP), m ³ /min				2800		2800	
Volumetric flow rate (dry STP), m ³ /min				2700		2700	
Mass flow rate (wet basis), kg/hour				210000		210000	

3 PLANT OPERATING CONDITIONS

See Yara Pilbara Nitrates records for complete process conditions.

4 TEST METHODS

All sampling and analysis performed by Ektimo unless otherwise specified. Specific details of the methods are available upon request.

Parameter	Sampling Method	Analysis Method	Uncertainty*	NATA Accredited	
				Sampling	Analysis
Sample plane criteria	AS 4323.1	NA	NA	✓	NA
Flow rate, temperature and velocity	NA	USEPA 2	8%, 2%, 7%	NA	✓
Moisture	USEPA AIt-008	USEPA AIt-008	19%	✓	✓
Molecular weight	NA	USEPA 3	not specified	NA	✓
Ammonia	USEPA CTM 027	Envirolab Inorg-093	18%	✓	✓ [‡]
Total particulate matter	USEPA 17	USEPA 17 ^{††}	5%	✓	✓

200506

* Uncertainty values cited in this table are calculated at the 95% confidence level (coverage factor = 2)

†† Gravimetric analysis conducted at the Ektimo Cockburn Central, WA laboratory, NATA accreditation number 14601.

‡ Analysis performed by Envirolab, NATA accreditation number 2901. Results were reported to Ektimo on 14 January 2021 in report number 2259137.

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APHA	American public health association, Standard Methods for the Examination of Water and Waste Water
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BSP	British standard pipe
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CEM	Continuous Emission Monitoring
CEMS	Continuous Emission Monitoring System
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D	Duct diameter or equivalent duct diameter for rectangular ducts
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DECC	Department of Environment & Climate Change (NSW)
Disturbance	A flow obstruction or instability in the direction of the flow which may impede accurate flow determination. This includes centrifugal fans, axial fans, partially closed or closed dampers, louvres, bends, connections, junctions, direction changes or changes in pipe diameter.
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EPA	Environment Protection Authority
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NA	Not applicable
NATA	National Association of Testing Authorities
NIOSH	National Institute of Occupational Safety and Health
NT	Not tested or results not required
OM	Other approved method
OU	The number of odour units per unit of volume. The numerical value of the odour concentration is equal to the number of dilutions to arrive at the odour threshold (50% panel response).
PM ₁₀	Atmospheric suspended particulate matter having an equivalent aerodynamic diameter of less than approximately 10 microns (µm).
PM _{2.5}	Atmospheric suspended particulate matter having an equivalent aerodynamic diameter of less than approximately 2.5 microns (µm).
PSA	Particle size analysis
RATA	Relative Accuracy Test Audit
Semi-quantified VOCs	Unknown VOCs (those not matching a standard compound), are identified by matching the mass spectrum of the chromatographic peak to the NIST Standard Reference Database (version 14.0), with a match quality exceeding 70%. An estimated concentration will be determined by matching the integrated area of the peak with the nearest suitable compound in the analytical calibration standard mixture.
STP	Standard temperature and pressure. Gas volumes and concentrations are expressed on a dry basis at 0°C, at discharge oxygen concentration and an absolute pressure of 101.325 kPa, unless otherwise specified.
TM	Test Method
TOC	The sum of all compounds of carbon which contain at least one carbon to carbon bond, plus methane and its derivatives.
USEPA	United States Environmental Protection Agency
VDI	Verein Deutscher Ingenieure (Association of German Engineers)
Velocity Difference	The percentage difference between the average of initial flows and afterflows.
Vic EPA	Victorian Environment Protection Authority
VOC	Any chemical compound based on carbon with a vapour pressure of at least 0.010 kPa at 25°C or having a corresponding volatility under the particular conditions of use. These compounds may contain oxygen, nitrogen and other elements, but specifically excluded are carbon monoxide, carbon dioxide, carbonic acid, metallic carbides and carbonate salts.
XRD	X-ray Diffractometry
Upper Bound	Defines values reported below detection are equal to the detection limit.
95% confidence interval	Range of values that contains the true result with 95% certainty. This means there is a 5% risk that the true result is outside this range.

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REPORT NUMBER R010751

RATA Testing Report

Nitric Acid (Unit 12) & Common (Unit 32) Stacks

Round 1, 2021

Para Pilbara Nitrates Pty Ltd, Burrup Peninsula

Document Information

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Report Number: R010751
Date of Issue: 4 May 2021
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Report Authorisation



NATA Accredited Laboratory
No. 14601

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Accredited for compliance with ISO/IEC 17025 - Testing. NATA is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

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1 EXECUTIVE SUMMARY

1.1 Project Objectives

Ektimo was engaged by Yara Pilbara Nitrates to perform RATA (Relative Accuracy Test Audit) monitoring to assess the performance of the Continuous Emission Monitoring System (CEMS) installed on the Nitric Acid Stack and to conduct regulatory testing at the Common Stack at the Burrup Peninsula site of Yara Pilbara Nitrates.

Monitoring was performed as follows;

Location	Test Date	Test Parameters
Nitric Acid Stack	30 th March 2021	Nitrogen oxides (corrected to 17% oxygen) Nitrous oxide (corrected to 17% oxygen) Ammonia (corrected to 17% oxygen) Oxygen, flow rate, temperature
Common Stack		Total particulate matter, ammonia

All results are reported on a dry basis at STP. Unless otherwise indicated, the methods cited in this report have been performed without deviation.

Plant operating conditions have been noted in the report.

1.2 Sampling Approach

Ektimo was engaged by Para Pilbara Nitrates Pty Ltd to perform RATA (Relative Accuracy Test Audit) monitoring at their Burrup Peninsula plant. Testing was carried out in accordance with L9223/2019/1 and the Western Australian Continuous Emission Monitoring System (CEMS) Code.

RATA results are expressed as a direct comparison of two sets of data collected from the Continuous Emission Monitoring System (CEMS) and the external reference analyser. The purpose of the RATA is to demonstrate the facilities continuous emissions monitoring, data acquisition and reporting systems comply with the requirements of the WA CEMS code and the facilities quality assurance plan (QAP).

2 RESULTS SUMMARY

RATA and compliance monitoring for Yara Pilbara Nitrates was conducted on 30th March 2021.

2.1 Nitric Acid Stack (Unit 12) Results Summary

Analyte	Location & Instrument	Bias			Relative Accuracy		
		Criteria %	Measured%	Compliant?	Criteria %	Measured%	Compliant?
Nitrogen oxides	Nitric Acid Stack	2%	0.5%	Compliant	20%	7.8%	Compliant
	12-AI-015_PV						
Nitrous oxide	Nitric Acid Stack	2%	0.1%	Compliant	20%	5.8%	Compliant
	12-AI-017_PV						
Ammonia	Nitric Acid Stack	2%	0.2%	Compliant	10%	8.4%	Compliant
	12-AI-013_PV						
Oxygen	Nitric Acid Stack	2%	0.2%	Compliant	10%	4.3%	Compliant
	12-AI-014_PV						
Analyte	Location & Instrument	Relative Accuracy					
		Criteria °C	Measured °C	Compliant?			
Temperature	Nitric Acid Stack	±10°C	2°C	Compliant			
	12-TZI-079						
Analyte	Location & Instrument	Relative Accuracy					
		Criteria %	Measured%	Compliant?			
Flow Rate	Nitric Acid Stack	20%	13.5%	Compliant			
	12-FI-067						

2.2 Common Stack (Unit 32) Results Summary

DWER No.	Location Description	Pollutant	Units	Target	Detected Values
A1	Common Stack	Particulate matter	mg/m ³	15	<0.9
		Ammonia	mg/m ³	10	7.7

Please note that the measurement uncertainty associated with the test results was not considered when determining whether the results were compliant or non-compliant.

Refer to the Test Methods table for the measurement uncertainties.

3 RESULTS – NITRIC ACID STACK (UNIT 12)

3.1 Nitrogen oxides RATA (mg/m³ corrected to 17% oxygen)

Facility	Yara Pilbara Nitrates	CEMS Analyser Identification	12-AI-015_PV
Location	Burrup Peninsula	CEMS Full Span Accuracy	1%
Stack	Nitric Acid Stack	Reference Instrument	Horiba PG350
Test Date	30/03/2021	Reference Method	USEPA 7E
Job Number	R010751	Span Range	50
Operators	Ashley Hart	Emission Units	mg/m3 corrected to 17% Oxygen
		Licence Limit	na
State	WA	Parameter	Nitrogen oxides

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
i				X	Y	di
1	30/03/2021	9:00	9:20	20.74	19.78	0.96
2	30/03/2021	9:21	9:41	17.11	17.58	-0.47
3	30/03/2021	9:42	10:02	21.17	20.67	0.49
4	30/03/2021	10:03	10:23	21.49	19.74	1.75
5	30/03/2021	10:24	10:44	17.71	17.51	0.20
6	30/03/2021	10:45	11:05	22.25	21.06	1.18
7	30/03/2021	11:06	11:26	20.55	18.82	1.73
8	30/03/2021	11:27	11:47	18.78	18.63	0.15
9	30/03/2021	11:48	12:08	22.14	20.04	2.11
Sum						8.10
Absolute Mean				20.22	19.32	0.90
St Dev						0.87
Absolute 2.5% cc						0.67

Relative Accuracy	7.8%
Specification	20%
Final Result	Compliant

Bias	0.5%
Specification	2.0%
Final Result	Compliant

3.2 Nitrous oxide RATA (mg/m³ corrected to 17% oxygen)

Facility	Yara Pilbara Nitrates	CEMS Analyser Identification	12-AI-017_PV
Location	Burrup Peninsula	CEMS Full Span Accuracy	1%
Stack	Nitric Acid Stack	Reference Instrument	Teledyne T320
Test Date	30/03/2021	Reference Method	USEPA 7E
Job Number	R010751	Span Range	50
Operators	Ashley Hart	Emission Units	mg/m3 corrected to 17% Oxygen
		Licence Limit	na
State	WA	Parameter	Nitrous oxide

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference	
i				X	Y	di	
1	30/03/2021	9:00	9:20	4.47	4.09	0.37	
2	30/03/2021	9:21	9:41	4.47	4.31	0.16	
3	30/03/2021	9:42	10:02	4.44	4.17	0.27	
4	30/03/2021	10:03	10:23	4.42	4.35	0.07	
5	30/03/2021	10:24	10:44	4.45	4.51	-0.06	
6	30/03/2021	10:45	11:05	4.46	4.28	0.18	
7	30/03/2021	11:06	11:26	4.49	4.58	-0.09	
8	30/03/2021	11:27	11:47	4.44	4.31	0.13	
9	30/03/2021	11:48	12:08	4.50	4.26	0.24	
				Sum		1.28	
				Absolute Mean	4.46	4.32	0.14
				St Dev			0.15
				Absolute 2.5% cc			0.12

Relative Accuracy	5.8%
Specification	20%
Final Result	Compliant

Bias	0.1%
Specification	2.0%
Final Result	Compliant

3.3 Ammonia RATA (mg/m³ corrected to 17% oxygen)

Facility	Yara Pilbara Nitrates	CEMS Analyser Identification	12-AI-013_PV
Location	Burrup Peninsula	CEMS Full Span Accuracy	1%
Stack	Nitric Acid Stack	Reference Instrument	NA
Test Date	30/03/2021	Reference Method	USEPA CTM037
Job Number	R010751	Span Range	10
Operators	Ashley Hart	Emission Units	mg/m3 corrected to 17% Oxygen
		Licence Limit	0.75
State	WA	Parameter	Ammonia

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
i				X	Y	di
1	30/03/2021	9:00	9:20	0.01	0.00	0.01
2	30/03/2021	9:21	9:41	0.01	0.01	0.01
3	30/03/2021	9:42	10:02	0.04	0.00	0.04
4	30/03/2021	10:03	10:23	0.03	0.00	0.02
5	30/03/2021	10:24	10:44	0.04	0.02	0.02
6	30/03/2021	10:45	11:05	0.06	0.00	0.06
7	30/03/2021	11:06	11:26	0.05	0.01	0.04
8	30/03/2021	11:27	11:47	0.09	0.00	0.09
9	30/03/2021	11:48	12:08	0.07	0.00	0.07
Sum						0.37
Absolute Mean				0.05	0.00	0.04
St Dev						0.03
Absolute 2.5% cc						0.02

Relative Accuracy	138.6%
Specification	20%
Final Result	Non compliant

Bias	0.2%
Specification	2.0%
Final Result	Compliant

Relative Accuracy ¹	8.4%
Specification	10%
Final Result	Compliant

1 - Ektimo has referenced note b from page 28 of the WA CEMS Code to calculate Relative Accuracy. For low emission sources, this specification allows for the relative accuracy to be calculated based on the span value instead of the average concentration of the reference tests.

3.4 Oxygen RATA

Facility	Yara Pilbara Nitrates	CEMS Analyser Identification	12-AI-014_PV
Location	Burrup Peninsula	CEMS Full Span Accuracy	1%
Stack	Nitric Acid Stack	Reference Instrument	Horiba PG350
Test Date	30/03/2021	Reference Method	USEPA 3A
Job Number	R010751	Span Range	25
Operators	Ashley Hart	Emission Units	%
		Licence Limit	NA
State	WA	Parameter	Oxygen

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
i				X	Y	di
1	30/03/2021	9:00	9:20	2.79	2.95	-0.16
2	30/03/2021	9:21	9:41	3.01	2.96	0.05
3	30/03/2021	9:42	10:02	2.83	2.95	-0.12
4	30/03/2021	10:03	10:23	2.84	2.93	-0.09
5	30/03/2021	10:24	10:44	2.91	3.01	-0.10
6	30/03/2021	10:45	11:05	2.99	3.09	-0.10
7	30/03/2021	11:06	11:26	3.00	3.06	-0.07
8	30/03/2021	11:27	11:47	2.97	3.08	-0.11
9	30/03/2021	11:48	12:08	3.04	3.09	-0.05
			Sum			-0.74
			Absolute Mean	2.93	3.01	0.08
			St Dev			0.06
			Absolute 2.5% cc			0.04

Relative Accuracy	4.3%
Specification	10%
Final Result	Compliant

Bias	0.2%
Specification	2.0%
Final Result	Compliant

3.5 Temperature RATA

Facility	Yara Pilbara Nitrates	CEMS Analyser Identification	12-TZI-079
Location	Burrup Peninsula	CEMS Full Span Accuracy	na
Stack	Nitric Acid Stack	Reference Instrument (If applic.)	Testo440 - Ektimo # 386
Test Date	30/03/2021	Reference Method	USEPA 2
Job Number	R010751	Span Range	1000
Operators	Ashley Hart	Emission Units	Degrees Celcius
	Paul Cimbaly	Licence Limit	na
State	WA	Parameter	Temperature

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference %
1	30/03/2021	900	910	123	126	-3.10
2	30/03/2021	910	920	123	126	-3.27
3	30/03/2021	920	930	123	126	-3.25
4	30/03/2021	930	940	125	126	-1.26
5	30/03/2021	940	950	125	126	-1.35
6	30/03/2021	950	1000	125	126	-1.46
7	30/03/2021	1000	1010	125	127	-1.64
8	30/03/2021	1010	1020	125	127	-1.76
9	30/03/2021	1020	1030	125	127	-1.70

Mean Temperature Difference	2°C
Specification	±10°C
Final Result	Compliant

3.6 Flow Rate RATA

Facility	Yara Pilbara Nitrates	CEMS Analyser Identification	12-FI-067
Location	Burrup Peninsula	CEMS Full Span Accuracy	na
Stack	Nitric Acid Stack	Reference Instrument	Testo440 - Ektimo # 386
Test Date	30/03/2021	Reference Method	USEPA 2
Job Number	R010751	Span Range	na
Operators	Ashley Hart	Emission Units	kg/hr
	Paul Cimbaly	Licence Limit	na
State	WA	Parameter	Flow Rate

Run	Start Date	Start Time	End Time	Reference Method	CEMS Response	Difference
1	30/03/2021	900	910	103870	93006	10863.97
2	30/03/2021	910	920	101640	92460	9180.46
3	30/03/2021	920	930	102010	93940	8070.22
4	30/03/2021	930	940	103310	93109	10201.15
5	30/03/2021	940	950	101420	93513	7907.26
6	30/03/2021	950	1000	103440	92860	10580.43
7	30/03/2021	1000	1010	102930	92299	10631.25
8	30/03/2021	1010	1020	103110	92484	10625.92
9	30/03/2021	1020	1030	104550	93202	11348.28
Sum						89408.94
Absolute Mean				80940.00	93059.68	9934.33
St Dev						1248.42
Absolute 2.5% cc						959.62

Relative Accuracy	13.5%
Specification	20%
Final Result	Compliant

4 RESULTS - COMMON STACK (UNIT 32)

Date	30/03/2021	Client	Yara Pilbara Nitrates
Report	R010751	Stack ID	Common Stack - Unit 32
Licence No.	L9223/2019/1	Location	Burrup Peninsula
Ektimo Staff	Ashley Hart/ Paul Cimbaly	State	WA

Sampling Plane Details

Sampling plane dimensions	1850 mm
Sampling plane area	2.69 m ²
Sampling port size, number & depth	4" Flange (x4), 350 mm
Access & height of ports	Stairs 32 m
Duct orientation & shape	Vertical Circular
Downstream disturbance	Exit 11.2 D
Upstream disturbance	Inlet 7.6 D
No. traverses & points sampled	2 16
Sample plane compliance to AS4323.1	Ideal

Comments

The discharge is assumed to be composed of dry air and moisture

Stack Parameters

Moisture content, %v/v	3	
Gas molecular weight, g/g mole	28.6 (wet)	29.0 (dry)
Gas density at STP, kg/m ³	1.28 (wet)	1.29 (dry)
Gas density at discharge conditions, kg/m ³	1.15	

Ammonia	Sampling time	Average		Test 1 1305-1316		Test 2 1316-1327	
		Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s
Ammonia		7.7	0.35	7.7	0.35	7.8	0.35

Isokinetic Results	Sampling time	Average		Test 1 1305-1410		Test 2 1415-1520	
		Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s
Total particulate matter		<0.9	<0.04	<0.9	<0.04	<0.9	<0.04
Isokinetic Sampling Parameters							
Sampling time, min				64		64	
Isokinetic rate, %				102		101	
Gas Flow Parameters							
Initial flow measurement time (hhmm)				1300		1410	
Temperature, °C				33		33	
Velocity at sampling plane, m/s				20		19	
Volumetric flow rate, actual, m ³ /min				3100		3100	
Volumetric flow rate (wet STP), m ³ /min				2800		2800	
Volumetric flow rate (dry STP), m ³ /min				2700		2700	
Mass flow rate (wet basis), kg/hour				220000		210000	

5 TEST METHODS

All sampling and analysis was performed by Ektimo unless otherwise specified. Specific details of the methods are available upon request.

Parameter	Sampling Method	Analysis Method	Uncertainty*	NATA Accredited	
				Sampling	Analysis
Sample plane criteria	AS 4323.1	NA	NA	✓	NA
Flow rate, temperature and velocity	USEPA 2	USEPA 2	8%, 2%, 7%	NA	✓
Moisture	USEPA Alt-008	USEPA Alt-008	19%	✓	✓
Carbon dioxide and oxygen	NA	USEPA 3A	13%	NA	✓
Nitrogen oxides	USEPA 7E	USEPA 7E	12%	✓	✓
Nitrous oxide ^h	USEPA 7E	USEPA 7E	12%	NA	NA
Flow rate	NA	PS - 6	NA	NA	✓
Ammonia	USEPA CTM 027	Envirolab Inorg-093 & Inorg-057	18%	✓	✓ [‡]
Total particulate matter	USEPA 17	USEPA 17 ^{††}	5%	✓	✓

201230

* Uncertainty values cited in this table are calculated at the 95% confidence level (coverage factor = 2)

6 DEVIATIONS FROM TEST METHODS

Sampling for Ammonia has been conducted via non-isokinetic sampling methodology, following the principles of USEPA CTM-027. Due to the design of the Nitric Acid stack, it is not possible to conduct isokinetic sampling at this emission source.

Sampling for Nitrous Oxide (N₂O) has been conducted using a Teledyne Model T320 N₂O analyser. As there is no Australian or international standard methodology for measuring N₂O, Ektimo followed the principles of USEPA 7E in determining concentrations of N₂O from this source.

7 QUALITY ASSURANCE/QUALITY CONTROL INFORMATION

Ektimo is accredited by the National Association of Testing Authorities (NATA) for the sampling and analysis of air pollutants from industrial sources. Unless otherwise stated test methods used are accredited with the National Association of Testing Authorities. For full details, search for Ektimo at NATA's website www.nata.com.au.

Ektimo is accredited by NATA (National Association of Testing Authorities) to ISO/IEC 17025 - Testing. ISO/IEC 17025 - Testing requires that a laboratory have adequate equipment to perform the testing, as well as laboratory personnel with the competence to perform the testing. This quality assurance system is administered and maintained by the Quality Director.

NATA is a member of APLAC (Asia Pacific Laboratory Accreditation Co-operation) and of ILAC (International Laboratory Accreditation Co-operation). Through the mutual recognition arrangements with both of these organisations, NATA accreditation is recognised worldwide.

8 DEFINITIONS

The following symbols and abbreviations may be used in this test report:

% v/v	Volume to volume ratio, dry or wet basis.
~	Approximately.
<	Less than.
>	Greater than.
≥	Greater than or equal to.
AS	Australian Standard.
Bias Test	Test to determine if PEMS is biased relative to the RM. From the RA data taken at the mid-level, determine if a bias exists between the RM and PEMS. The PEMS is considered biased if the arithmetic mean is greater than the absolute value of the confidence coefficient.
BSP	British standard pipe.
CEM	Continuous Emission Monitoring.
CEMS	Continuous Emission Monitoring System.
Correlation Analysis	A calculation using the RA paired data from all operating levels combined to determine a correlation coefficient. The calculated r value must be greater than or equal to 0.8 for PEMS to be acceptable.
CTM	Conditional test method.
D	Duct diameter or equivalent duct diameter for rectangular ducts.
DECC	Department of Environment & Climate Change (NSW).
Disturbance	A flow obstruction or instability in the direction of the flow which may impede accurate flow determination. This includes centrifugal fans, axial fans, partially closed or closed dampers, louvres, bends, connections, junctions, direction changes or changes in pipe diameter.
EPA	Environment Protection Authority.
F-test	A statistical test performed on each RA data set collected from each operating level to calculate the variances of the RM and PEMS. The calculated F value must not be greater than the critical F-value at the 95-percent confidence level for PEMS to be acceptable. In cases where the average emissions for the test are less than 50 percent of the applicable standard, substitute the emission standard value here in place of the average RM value.
NA	Not applicable.
NATA	National Association of Testing Authorities.
NT	Not tested or results not required.
OM	Other approved method.
Operating Levels Required	RA tests are to be completed at low (minimum to 50 percent of maximum), mid (an intermediary level between the low and high levels), and high (80 percent to maximum) key parameter operating levels, as practicable. If these levels are not practicable, vary the key parameter range as much as possible over three levels.
Outside Spec	Outside the required specification. A failing result.
PEMS	Predictive Emission Monitoring System.
RATA	Relative Accuracy Test Audit.
Relative Accuracy (RA)	The accuracy of the PEMS when compared to a RM at the source. The RA is the average difference between the pollutant PEMS and RM data for a specified number of comparison runs plus a 2.5 percent confidence coefficient, divided by the average of the RM tests.

$$RA = \frac{|\bar{d}| + |cc|}{\overline{RM}} \times 100 \quad \text{Eq. 16-4}$$

Where d = arithmetic mean of the differences between paired RM and PEMS observations
 cc = Confidence coefficient.

RM = Average RM value (or in the case of the RAA, the average portable analyzer value).

RM	Reference Method.
STP	Standard temperature and pressure. Gas volumes and concentrations are expressed on a dry basis at 0°C, at discharge oxygen concentration and an absolute pressure of 101.325 kPa, unless otherwise specified.
TM	Test Method.
USEPA	United States Environmental Protection Agency.
95% confidence interval	Range of values that contains the true result with 95% certainty. This means there is a 5% risk that the true result is outside this range.



9 APPENDICIES

9.1 Appendix 1 – Raw Data

YARA CEMS Raw Data

Reference Method Raw Data

Title	Flow Rate	Temperature	Measured O2	Measured NH3	Measured NOx (as NO2)	Measured N2O	Date / time	ppm NOx	ppm SO ₂	ppm CO	% CO ₂ R	% O ₂
Unit	kg/hr	°C	%	Ppm(V)	Ppm(V)	Ppm(V)						
2021-03-30 09:00:01	90539.73	125.882	3.066	0.410	42.826	9.521	30/03/2021 9:00:22 AM	36.0	13	0	0.00	2.79
2021-03-30 09:01:01	92895.02	125.995	3.111	0.386	43.140	10.007	30/03/2021 9:01:22 AM	36.0	13	0	0.00	2.79
2021-03-30 09:02:01	94473.39	126.082	3.090	0.370	41.642	10.071	30/03/2021 9:02:22 AM	32.2	11	0	0.00	2.70
2021-03-30 09:03:01	90927.25	126.098	3.012	0.400	39.124	10.071	30/03/2021 9:03:22 AM	29.7	11	0	0.00	2.63
2021-03-30 09:04:01	93234.55	126.145	2.927	0.424	36.452	10.071	30/03/2021 9:04:22 AM	32.9	11	0	0.00	2.66
2021-03-30 09:05:01	94085.56	126.217	2.848	0.383	33.455	10.071	30/03/2021 9:05:22 AM	40.8	14	0	0.00	2.76
2021-03-30 09:06:01	94488.21	126.174	2.787	0.373	32.035	10.071	30/03/2021 9:06:22 AM	48.0	16	0	0.00	2.86
2021-03-30 09:07:01	93187.8	126.125	2.790	0.416	35.229	9.558	30/03/2021 9:07:22 AM	52.4	18	0	0.00	2.93
2021-03-30 09:08:01	92416.34	126.135	2.864	0.384	41.408	9.521	30/03/2021 9:08:22 AM	52.8	18	0	0.00	2.93
2021-03-30 09:09:01	93510.6	126.158	2.971	0.388	47.013	9.521	30/03/2021 9:09:22 AM	51.3	18	0	0.00	2.89
2021-03-30 09:10:01	93307.91	126.136	3.071	0.388	50.103	9.521	30/03/2021 9:10:22 AM	48.7	17	0	0.00	2.83
2021-03-30 09:11:01	92652.55	126.112	3.103	0.376	50.150	9.521	30/03/2021 9:11:22 AM	44.4	16	0	0.00	2.74
2021-03-30 09:12:01	92767.14	126.111	3.064	0.383	48.703	9.521	30/03/2021 9:12:22 AM	41.1	14	0	0.00	2.66
2021-03-30 09:13:01	90609.88	126.180	2.999	0.380	46.323	9.521	30/03/2021 9:13:22 AM	41.8	15	0	0.00	2.62
2021-03-30 09:14:01	93159.56	126.254	2.898	0.404	43.045	9.521	30/03/2021 9:14:22 AM	48.7	17	0	0.00	2.67
2021-03-30 09:15:01	92827.88	126.327	2.833	0.361	40.467	9.521	30/03/2021 9:15:22 AM	57.3	20	0	0.00	2.76
2021-03-30 09:16:01	90068.32	126.307	2.785	0.354	41.720	9.384	30/03/2021 9:16:22 AM	62.2	22	0	0.00	2.85
2021-03-30 09:17:01	92710.64	126.376	2.814	0.405	47.778	9.064	30/03/2021 9:17:22 AM	63.1	22	0	0.00	2.92
2021-03-30 09:18:01	93050.69	126.414	2.868	0.374	54.276	9.064	30/03/2021 9:18:22 AM	60.4	21	0	0.00	2.93
2021-03-30 09:19:01	91897.3	126.358	2.966	0.363	57.591	9.064	30/03/2021 9:19:22 AM	54.8	19	0	0.00	2.90
2021-03-30 09:20:01	94003.13	126.378	3.064	0.383	57.944	9.064	30/03/2021 9:20:22 AM	49.0	17	0	0.00	2.84
2021-03-30 09:21:01	94208.38	126.333	3.104	0.384	55.234	9.369	30/03/2021 9:21:22 AM	43.2	16	0	0.00	2.79
2021-03-30 09:22:01	93346.57	126.284	3.080	0.390	50.602	9.521	30/03/2021 9:22:22 AM	37.4	14	0	0.00	2.70
2021-03-30 09:23:01	93687.19	126.259	3.005	0.412	45.900	9.521	30/03/2021 9:23:22 AM	33.4	12	0	0.00	2.65
2021-03-30 09:24:01	94427.39	126.257	2.946	0.404	41.175	9.521	30/03/2021 9:24:22 AM	34.0	12	0	0.00	2.69
2021-03-30 09:25:01	93679.87	126.223	2.862	0.410	36.777	9.521	30/03/2021 9:25:22 AM	37.5	14	0	0.00	2.80
2021-03-30 09:26:01	93058.04	126.151	2.826	0.400	34.136	9.521	30/03/2021 9:26:22 AM	40.3	15	0	0.00	2.88
2021-03-30 09:27:01	94559.44	126.252	2.832	0.417	35.033	9.521	30/03/2021 9:27:22 AM	42.0	15	0	0.00	2.95
2021-03-30 09:28:01	94474.3	126.246	2.898	0.404	37.699	9.521	30/03/2021 9:28:22 AM	41.8	15	0	0.00	2.96
2021-03-30 09:29:01	93739.25	126.199	3.000	0.415	39.748	9.695	30/03/2021 9:29:22 AM	28.0	12	0	0.00	2.735
2021-03-30 09:30:01	94153.98	126.196	3.088	0.430	40.975	10.071	30/03/2021 9:30:22 AM	34.8	12	0	0.00	2.88
2021-03-30 09:31:01	93970.03	126.185	3.113	0.438	40.410	10.460	30/03/2021 9:31:22 AM	32.6	13	0	0.00	2.74
2021-03-30 09:32:01	93822.37	126.161	3.093	0.488	38.529	10.666	30/03/2021 9:32:22 AM	29.3	12	0	0.00	2.65
2021-03-30 09:33:01	93010.23	126.183	3.005	0.518	36.030	11.078	30/03/2021 9:33:22 AM	28.6	11	0	0.00	2.64
2021-03-30 09:34:01	93458.76	126.196	2.892	0.501	33.182	11.078	30/03/2021 9:34:22 AM	32.1	12	0	0.00	2.70
2021-03-30 09:35:01	91741.43	126.208	2.827	0.511	30.832	10.849	30/03/2021 9:35:22 AM	36.9	14	0	0.00	2.77
2021-03-30 09:36:01	91366.97	126.255	2.791	0.483	30.617	10.529	30/03/2021 9:36:22 AM	42.4	15	0	0.00	2.87
2021-03-30 09:37:01	94268.76	126.373	2.832	0.454	33.338	10.490	30/03/2021 9:37:22 AM	45.5	16	0	0.00	2.92
2021-03-30 09:38:01	92580.54	126.368	2.872	0.433	37.272	10.071	30/03/2021 9:38:22 AM	46.0	17	0	0.00	2.91
2021-03-30 09:39:01	92997.62	126.332	2.975	0.420	41.369	10.071	30/03/2021 9:39:22 AM	46.0	17	0	0.00	2.88
2021-03-30 09:40:01	92826.71	126.354	3.069	0.432	43.542	10.262	30/03/2021 9:40:22 AM	45.5	17	0	0.00	2.81
2021-03-30 09:41:01	94600.37	126.390	3.084	0.403	43.945	10.532	30/03/2021 9:41:22 AM	44.9	16	0	0.00	2.72
2021-03-30 09:42:01	94514.51	126.345	3.044	0.452	43.877	10.529	30/03/2021 9:42:22 AM	46.6	17	0	0.00	2.67
2021-03-30 09:43:01	94426.29	126.320	2.978	0.460	43.254	10.460	30/03/2021 9:43:22 AM	52.0	18	0	0.00	2.69
2021-03-30 09:44:01	94293.15	126.307	2.884	0.427	43.026	10.071	30/03/2021 9:44:22 AM	60.0	21	0	0.00	2.75
2021-03-30 09:45:01	93808.66	126.306	2.840	0.454	44.569	10.025	30/03/2021 9:45:22 AM	65.0	23	0	0.00	2.79
2021-03-30 09:46:01	90780.75	126.248	2.839	0.454	49.132	9.521	30/03/2021 9:46:22 AM	67.0	23	0	0.00	2.85
2021-03-30 09:47:01	93070.39	126.338	2.853	0.455	55.215	9.521	30/03/2021 9:47:22 AM	67.3	23	0	0.00	2.92
2021-03-30 09:48:01	92724.86	126.366	2.903	0.458	59.084	9.315	30/03/2021 9:48:22 AM	64.6	23	0	0.00	2.94
2021-03-30 09:49:01	93800.83	126.414	2.969	0.470	60.384	9.064	30/03/2021 9:49:22 AM	58.9	21	0	0.00	2.91
2021-03-30 09:50:01	93993.6	126.416	3.057	0.445	60.340	9.460	30/03/2021 9:50:22 AM	51.8	19	0	0.00	2.85
2021-03-30 09:51:01	92907.11	126.346	3.107	0.416	58.022	9.521	30/03/2021 9:51:22 AM	44.6	16	0	0.00	2.76
2021-03-30 09:52:01	91122.98	126.389	3.091	0.419	53.307	9.521	30/03/2021 9:52:22 AM	38.8	14	0	0.00	2.68
2021-03-30 09:53:01	91490.33	126.415	3.015	0.397	47.669	9.521	30/03/2021 9:53:22 AM	36.9	14	0	0.00	2.69
2021-03-30 09:54:01	93960.58	126.544	2.919	0.414	42.049	10.016	30/03/2021 9:54:22 AM	37.5	14	0	0.00	2.78
2021-03-30 09:55:01	92787.94	126.516	2.847	0.407	37.855	9.521	30/03/2021 9:55:22 AM	39.0	14	0	0.00	2.83
2021-03-30 09:56:01	91660.4	126.490	2.837	0.413	36.488	9.521	30/03/2021 9:56:22 AM	41.4	15	0	0.00	2.90
2021-03-30 09:57:01	94442.78	126.524	2.844	0.425	37.148	9.521	30/03/2021 9:57:22 AM	43.4	16	0	0.00	2.98
2021-03-30 09:58:01	94320.51	126.491	2.863	0.429	38.268	9.521	30/03/2021 9:58:22 AM	43.0	16	0	0.00	2.99
2021-03-30 09:59:01	93157.47	126.489	2.940	0.415	40.260	9.576	30/03/2021 9:59:22 AM	41.0	15	0	0.00	2.95
2021-03-30 10:00:01	91611.56	126.454	3.034	0.415	41.699	10.071	30/03/2021 10:00:22 AM	38.1	14	0	0.00	2.90
2021-03-30 10:01:01	90385.42	126.476	3.086	0.454	41.278	10.239	30/03/2021 10:01:22 AM	34.3	13	0	0.00	2.82
2021-03-30 10:02:01	93682.49	126.605	3.057	0.487	39.577	10.532	30/03/2021 10:02:22 AM	31.3	12	0	0.00	2.75
2021-03-30 10:03:01	92915.69	126.635	2.991	0.521	37.174	10.538	30/03/2021 10:03:22 AM	30.4	12	0	0.00	2.74
2021-03-30 10:04:01	93702.11	126.647	2.891	0.507	34.287	11.069	30/03/2021 10:04:22 AM	32.0	12	0	0.00	2.77
2021-03-30 10:05:01	91063.98	126.602	2.842	0.470	32.228	10.529	30/03/2021 10:05:22 AM	35.0	13	0	0.00	2.77
2021-03-30 10:06:01	91641.87	126.692	2.822	0.450	31.657	10.529	30/03/2021 10:06:22 AM	38.3	14	0	0.00	2.83
2021-03-30 10:07:01	91857.63	126.732	2.842	0.429	33.070	10.529	30/03/2021 10:07:22 AM	41.2	15	0	0.00	2.89
2021-03-30 10:08:01	94110.06	126.733	2.869	0.418	35.313	10.529	30/03/2021 10:08:22 AM	43.0	16	0	0.00	2.91
2021-03-30 10:09:01	91766.42	126.722	2.946	0.401	37.848	10.529	30/03/2021 10:09:22 AM	42.9	16	0	0.00	2.89
2021-03-30 10:10:01	92548.97	126.698	3.009	0.410	40.119	10.529	30/03/2021 10:10:22 AM	42.3	16	0	0.00	2.90
2021-03-30 10:11:01	92823.28	126.732	3.068	0.373	41.211	10.529	30/03/2021 10:11:22 AM	42.4	16	0	0.00	2.85
2021-03-30 10:12:01	93531.9	126.722	3.036	0.401	41.178	10.529	30/03/2021 10:12:22 AM	42.8	16	0	0.00	2.78
2021-03-30 10:13:01	91912.15	126.710	2.975	0.380	40.723	10.529	30/03/2021 10:13:22 AM	45.0	16	0	0.00	



Title	Flow Rate	Temperature	Measured O2	Measured NH3	Measured NOx (as NO2)	Measured N2O	Date / time	ppm NOx	ppm SO2	ppm CO	% CO2 IR	% O2
Unit	kg/hr	°C	%	Ppm(V)	Ppm(V)	Ppm(V)						
2021-03-30 10:24:01	93530.62	126.672	3.007	0.343	48.976	9.521	30/03/2021 10:24:22 AM	38.9	15	0	0.00	2.70
2021-03-30 10:25:01	93818.5	126.649	2.915	0.351	43.221	9.521	30/03/2021 10:25:22 AM	40.3	15	0	0.00	2.77
2021-03-30 10:26:01	91443.68	126.636	2.845	0.375	39.040	9.521	30/03/2021 10:26:22 AM	42.0	16	0	0.00	2.83
2021-03-30 10:27:01	92471.01	126.659	2.840	0.338	38.164	9.521	30/03/2021 10:27:22 AM	43.2	16	0	0.00	2.90
2021-03-30 10:28:01	92329.8	126.718	2.860	0.352	39.217	9.521	30/03/2021 10:28:22 AM	44.1	16	0	0.00	2.96
2021-03-30 10:29:01	94260.63	126.721	2.934	0.364	40.527	9.521	30/03/2021 10:29:22 AM	44.0	16	0	0.00	3.01
2021-03-30 10:30:01	92408.24	126.698	3.003	0.396	41.457	9.732	30/03/2021 10:30:22 AM	42.4	16	0	0.00	3.00
2021-03-30 10:31:01	94122.4	126.662	3.089	0.450	41.976	10.071	30/03/2021 10:31:22 AM	39.6	15	0	0.00	2.95
2021-03-30 10:32:01	94063.01	126.637	3.116	0.504	41.820	10.429	30/03/2021 10:32:22 AM	36.4	14	0	0.00	2.89
2021-03-30 10:33:01	94021.43	126.636	3.118	0.597	40.422	10.776	30/03/2021 10:33:22 AM	33.5	13	0	0.00	2.82
2021-03-30 10:34:01	93825.49	126.635	3.107	0.744	38.241	11.078	30/03/2021 10:34:22 AM	30.8	12	0	0.00	2.76
2021-03-30 10:35:01	94270.23	126.636	3.049	0.853	35.672	11.322	30/03/2021 10:35:22 AM	30.9	12	0	0.00	2.77
2021-03-30 10:36:01	93759.15	126.647	2.973	0.898	33.564	11.537	30/03/2021 10:36:22 AM	33.9	13	0	0.00	2.83
2021-03-30 10:37:01	94579.95	126.602	2.888	0.794	31.732	11.423	30/03/2021 10:37:22 AM	37.6	14	0	0.00	2.91
2021-03-30 10:38:01	93473.96	126.588	2.866	0.643	32.031	11.078	30/03/2021 10:38:22 AM	40.8	15	0	0.00	2.99
2021-03-30 10:39:01	93197.65	126.541	2.931	0.539	34.383	11.078	30/03/2021 10:39:22 AM	43.0	16	0	0.00	3.06
2021-03-30 10:40:01	93261.67	126.584	3.013	0.487	37.287	11.078	30/03/2021 10:40:22 AM	43.6	16	0	0.00	3.07
2021-03-30 10:41:01	93803.98	126.541	3.104	0.418	39.640	11.078	30/03/2021 10:41:22 AM	43.1	16	0	0.00	3.06
2021-03-30 10:42:01	93225.57	126.526	3.171	0.412	41.108	11.078	30/03/2021 10:42:22 AM	42.3	16	0	0.00	3.04
2021-03-30 10:43:01	92863.19	126.537	3.218	0.384	41.641	11.078	30/03/2021 10:43:22 AM	41.8	15	0	0.00	2.97
2021-03-30 10:44:01	91794.73	126.561	3.172	0.366	41.016	11.078	30/03/2021 10:44:22 AM	42.7	16	0	0.00	2.91
2021-03-30 10:45:01	91398.15	126.632	3.113	0.375	40.313	11.078	30/03/2021 10:45:22 AM	45.5	16	0	0.00	2.86
2021-03-30 10:46:01	90598.56	126.647	3.057	0.341	40.137	11.078	30/03/2021 10:46:22 AM	51.6	18	0	0.00	2.87
2021-03-30 10:47:01	93618.95	126.799	2.975	0.358	40.933	10.629	30/03/2021 10:47:22 AM	59.9	21	0	0.00	2.97
2021-03-30 10:48:01	93292.7	126.760	2.900	0.368	43.460	10.261	30/03/2021 10:48:22 AM	65.2	22	0	0.00	3.04
2021-03-30 10:49:01	94052.78	126.711	2.885	0.336	48.434	10.071	30/03/2021 10:49:22 AM	67.6	23	0	0.00	3.13
2021-03-30 10:50:01	93767.01	126.674	2.970	0.333	54.403	9.576	30/03/2021 10:50:22 AM	66.8	23	0	0.00	3.19
2021-03-30 10:51:01	91802.87	126.638	3.069	0.365	58.662	9.521	30/03/2021 10:51:22 AM	63.0	22	0	0.00	3.16
2021-03-30 10:52:01	91594.24	126.613	3.149	0.343	60.392	9.521	30/03/2021 10:52:22 AM	58.2	20	0	0.00	3.08
2021-03-30 10:53:01	91246.28	126.681	3.239	0.347	59.347	9.521	30/03/2021 10:53:22 AM	53.4	19	0	0.00	2.98
2021-03-30 10:54:01	89991.64	126.708	3.236	0.359	56.245	9.521	30/03/2021 10:54:22 AM	49.0	18	0	0.00	2.93
2021-03-30 10:55:01	89527.22	126.825	3.181	0.354	52.332	9.521	30/03/2021 10:55:22 AM	44.5	16	0	0.00	2.86
2021-03-30 10:56:01	89588.37	126.935	3.124	0.345	48.706	9.521	30/03/2021 10:56:22 AM	41.7	15	0	0.00	2.83
2021-03-30 10:57:01	92704.72	127.010	3.095	0.350	45.319	9.521	30/03/2021 10:57:22 AM	42.3	15	0	0.00	2.88
2021-03-30 10:58:01	92781.57	127.037	3.013	0.364	41.838	9.521	30/03/2021 10:58:22 AM	44.4	16	0	0.00	2.96
2021-03-30 10:59:01	93177.93	126.957	2.964	0.371	39.876	9.521	30/03/2021 10:59:22 AM	45.8	17	0	0.00	3.03
2021-03-30 11:00:01	93536.77	126.895	2.990	0.367	40.620	9.521	30/03/2021 11:00:22 AM	46.4	17	0	0.00	3.10
2021-03-30 11:01:01	93274.42	126.799	3.076	0.339	42.227	9.521	30/03/2021 11:01:22 AM	45.4	17	0	0.00	3.10
2021-03-30 11:02:01	91571.09	126.725	3.136	0.384	43.172	9.860	30/03/2021 11:02:22 AM	42.8	16	0	0.00	3.05
2021-03-30 11:03:01	92582.07	126.710	3.226	0.470	43.682	10.094	30/03/2021 11:03:22 AM	39.9	15	0	0.00	3.00
2021-03-30 11:04:01	92449.93	126.744	3.247	0.490	42.666	10.529	30/03/2021 11:04:22 AM	36.9	14	0	0.00	2.93
2021-03-30 11:05:01	90564.97	126.746	3.222	0.552	40.578	10.922	30/03/2021 11:05:22 AM	33.5	13	0	0.00	2.83
2021-03-30 11:06:01	89728.74	126.792	3.140	0.682	38.309	11.078	30/03/2021 11:06:22 AM	31.6	13	0	0.00	2.79
2021-03-30 11:07:01	92916.49	126.910	3.092	0.743	35.882	11.078	30/03/2021 11:07:22 AM	31.9	13	0	0.00	2.82
2021-03-30 11:08:01	90003.22	126.905	2.988	0.711	33.447	11.078	30/03/2021 11:08:22 AM	33.6	13	0	0.00	2.93
2021-03-30 11:09:01	92827.47	126.974	2.920	0.665	32.235	11.078	30/03/2021 11:09:22 AM	36.2	14	0	0.00	3.02
2021-03-30 11:10:01	89540.73	126.966	2.923	0.608	32.660	11.078	30/03/2021 11:10:22 AM	38.3	14	0	0.00	3.09
2021-03-30 11:11:01	89670.78	127.058	2.972	0.520	33.978	11.078	30/03/2021 11:11:22 AM	39.6	15	0	0.00	3.11
2021-03-30 11:12:01	91157.96	127.086	3.054	0.486	35.866	11.078	30/03/2021 11:12:22 AM	40.1	15	0	0.00	3.09
2021-03-30 11:13:01	92006.13	127.122	3.109	0.433	37.432	11.078	30/03/2021 11:13:22 AM	39.5	15	0	0.00	3.05
2021-03-30 11:14:01	89402.71	127.078	3.129	0.418	38.428	11.078	30/03/2021 11:14:22 AM	39.2	15	0	0.00	3.02
2021-03-30 11:15:01	92786.16	127.110	3.126	0.401	38.574	11.078	30/03/2021 11:15:22 AM	39.0	15	0	0.00	2.95
2021-03-30 11:16:01	90707.59	127.112	3.112	0.398	38.115	11.078	30/03/2021 11:16:22 AM	40.4	15	0	0.00	2.87
2021-03-30 11:17:01	91715.52	127.065	3.091	0.368	37.988	11.078	30/03/2021 11:17:22 AM	45.0	16	0	0.00	2.89
2021-03-30 11:18:01	92391.88	127.131	3.018	0.392	37.988	11.078	30/03/2021 11:18:22 AM	52.7	18	0	0.00	2.95
2021-03-30 11:19:01	91111.2	127.045	2.935	0.409	39.100	10.583	30/03/2021 11:19:22 AM	60.6	21	0	0.00	2.99
2021-03-30 11:20:01	90852.58	127.061	2.903	0.363	42.983	10.323	30/03/2021 11:20:22 AM	64.3	22	0	0.00	3.06
2021-03-30 11:21:01	93329.68	127.052	2.961	0.382	49.017	10.071	30/03/2021 11:21:22 AM	64.1	22	0	0.00	3.08
2021-03-30 11:22:01	91073.73	127.039	3.071	0.376	54.930	9.778	30/03/2021 11:22:22 AM	61.7	21	0	0.00	3.14
2021-03-30 11:23:01	93816.29	127.004	3.165	0.372	57.721	9.521	30/03/2021 11:23:22 AM	58.6	20	0	0.00	3.13
2021-03-30 11:24:01	91185.17	126.934	3.233	0.386	57.178	9.521	30/03/2021 11:24:22 AM	53.9	19	0	0.00	3.06
2021-03-30 11:25:01	94048.69	126.940	3.222	0.362	55.094	9.814	30/03/2021 11:25:22 AM	48.9	17	0	0.00	2.97
2021-03-30 11:26:01	92790.79	126.884	3.190	0.370	52.650	10.071	30/03/2021 11:26:22 AM	44.9	16	0	0.00	2.89
2021-03-30 11:27:01	93421.21	126.812	3.125	0.377	48.830	10.071	30/03/2021 11:27:22 AM	44.7	16	0	0.00	2.91
2021-03-30 11:28:01	92593.83	126.852	3.043	0.355	45.007	9.558	30/03/2021 11:28:22 AM	46.4	16	0	0.00	2.96
2021-03-30 11:29:01	92223.21	126.810	2.955	0.329	42.181	9.521	30/03/2021 11:29:22 AM	49.0	17	0	0.00	3.02
2021-03-30 11:30:01	92311.3	126.818	2.939	0.342	42.192	9.521	30/03/2021 11:30:22 AM	51.7	18	0	0.00	3.10
2021-03-30 11:31:01	92187.41	126.785	2.975	0.333	43.608	9.521	30/03/2021 11:31:22 AM	52.2	18	0	0.00	3.15
2021-03-30 11:32:01	92742.44	126.851	3.044	0.319	45.571	9.521	30/03/2021 11:32:22 AM	49.7	18	0	0.00	3.12
2021-03-30 11:33:01	89899.53	126.821	3.120	0.344	47.552	9.521	30/03/2021 11:33:22 AM	47.0	17	0	0.00	3.02
2021-03-30 11:34:01	90741.48	126.842	3.177	0.379	47.785	9.521	30/03/2021 11:34:22 AM	43.7	16	0	0.00	2.97
2021-03-30 11:35:01	93513.93	126.934	3.181	0.371	45.739	9.888	30/03/2021 11:35:22 AM	39.8	15	0	0.00	2.90
2021-03-30 11:36:01	91606.61	126.941	3.156	0.401	43.574	10.071	30/03/2021 11:36:22 AM	36.7	14	0	0.00	2.84
2021-03-30 11:37:01	91931.14	126.884	3.117	0.380	40.923	10.071	30/03/2021 11:37:22 AM	35.1	13	0	0.00	2.82
2021-03-30 11:38:01	91547.03	126.937	3.066	0.415	37.962	10.071	30/03/2021 11:38:22 AM	35.6	13	0	0.00	2.

9.2 Appendix 2 – Nitric Acid Stack - Sampling Plane Compliance

Sampling Plane Details	
Sampling plane dimensions	1,500mm
Sampling plane area	1.77 m ²
Sampling port size	4" Flange
Sampling ports available	4
Sampling port depth	350mm
Access and height of ports	Fixed ladder, 34 m
Duct orientation and shape	Verticle, circular
Downstream disturbance	Inlet
Upstream disturbance	Exit
Sampling plane compliance to AS4323.1	Ideal

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REPORT NUMBER R011073

**Emission Testing Report
July 2021**

**Common Stack – Unit 32
Yara Pilbara Nitrates
Burrup Peninsula, WA**

Document Information

Template Version; 230621

Client Name: Yara Pilbara Nitrates Pty Ltd
Report Number: R011073
Date of Issue: 9 August 2021
Attention: Nicole Ivory
Address: Lot 564 Village Road
Burrup Peninsula WA 6714
Testing Laboratory: Ektimo Pty Ltd, ABN 86 600 381 413

Report Authorisation



NATA Accredited Laboratory
No. 14601

Ashley Hart
Project Manager
Ektimo Signatory

Accredited for compliance with ISO/IEC 17025 - Testing. NATA is a signatory to the ILAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.

This document is confidential and is prepared for the exclusive use of Yara Pilbara Fertilisers Pty Ltd and those granted permission by Yara Pilbara Fertilisers Pty Ltd.

The report shall not be reproduced except in full.

Please note that only numerical results pertaining to measurements conducted directly by Ektimo are covered by Ektimo's terms of NATA accreditation. This does not include comments, conclusions or recommendations based upon the results. Refer to 'Test Methods' for full details of testing covered by NATA accreditation.

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1 EXECUTIVE SUMMARY

1.1 Background

Ektimo was engaged by Yara Pilbara Nitrates to perform emission testing at their Burrup Peninsula plant. Testing was carried out in accordance with Environmental Licence L7997/2002/11.

1.2 Project Objectives

The objectives of the project were to conduct a monitoring programme to quantify emissions from one discharge point to determine compliance with Yara Pilbara Nitrates' Environmental Licence.

Monitoring was performed as follows:

Location	Test Date	Test Parameters*
A1 – Common stack	22 July 2021	Total particulate matter and ammonia

* Flow rate, velocity, temperature, and moisture were also determined.

All results are reported on a dry basis at STP.

1.3 Results Summary

The following licence comparison table shows that all analytes highlighted in green are within the licence limit and all analytes highlighted in red are outside the licence limit set by the WA Department of Water and Environmental Regulation (DWER) as per licence L7997/2002/11.

DWER No.	Location Description	Compound	Units	Target	Detected Values
A1	Common Stack	Particulate matter	mg/m ³	15	2.1
		Ammonia	mg/m ³	10	6.9

Please note that the measurement uncertainty associated with the test results was not considered when determining whether the results were compliant or non-compliant.

Refer to the Test Methods table for the measurement uncertainties.

2 RESULTS

2.1 A1 – Common Stack

Date	22/07/2021	Client	Yara Pilbara Nitrates
Report	R011073	Stack ID	Common Stack - Unit 32
Licence No.	L9223/2019/1	Location	Burrup Peninsula
Ektimo Staff	Ashley Hart	State	WA

Sampling Plane Details

Sampling plane dimensions	1850 mm
Sampling plane area	2.69 m ²
Sampling port size, number & depth	4" Flange (x4), 350 mm
Access & height of ports	Stairs 32 m
Duct orientation & shape	Vertical Circular
Downstream disturbance	Exit 11.2 D
Upstream disturbance	Inlet 7.6 D
No. traverses & points sampled	2 16
Sample plane compliance to AS4323.1	Ideal

Comments

The discharge is assumed to be composed of dry air and moisture

Stack Parameters

Moisture content, %v/v	2.3	
Gas molecular weight, g/g mole	28.7 (wet)	29.0 (dry)
Gas density at STP, kg/m ³	1.28 (wet)	1.29 (dry)
Gas density at discharge conditions, kg/m ³	1.13	

Isokinetic Results	Sampling time	Average		Test 1 1201-1307		Test 2 1315-1417	
		Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s	Concentration mg/m ³	Mass Rate g/s
Total particulate matter		2.1	0.093	2.1	0.094	2	0.092
Ammonia		6.9	0.32	7.5	0.34	6.4	0.29
Isokinetic Sampling Parameters							
Sampling time, min				64		64	
Isokinetic rate, %				97		91	
Gas Flow Parameters							
Initial flow measurement time (hhmm)				1150		1310	
Temperature, °C				36		36	
Velocity at sampling plane, m/s				19		20	
Volumetric flow rate, actual, m ³ /min				3100		3200	
Volumetric flow rate (wet STP), m ³ /min				2800		2800	
Volumetric flow rate (dry STP), m ³ /min				2700		2700	
Mass flow rate (wet basis), kg/hour				210000		220000	
Gravimetric analysis date (total particulate)				23-07-2021		23-07-2021	

3 PLANT OPERATING CONDITIONS

See Yara Pilbara Fertilisers Pty Ltd records for complete process conditions.

4 TEST METHODS

All sampling and analysis performed by Ektimo unless otherwise specified. Specific details of the methods are available upon request.

Parameter	Sampling Method	Analysis Method	Uncertainty*	NATA Accredited	
				Sampling	Analysis
Sampling points - Selection	AS 4323.1	NA	NA	✓	NA
Flow rate, temperature and velocity	USEPA Method 2	USEPA Method 2	8%, 2%, 7%	NA	✓
Moisture	USEPA AIt-008	USEPA AIt-008	19%	✓	✓
Molecular weight	NA	USEPA 3	not specified	NA	✓
Total particulate matter	USEPA Method 17	USEPA Method 17††	5%	✓	✓
Ammonia	USEPA CTM 027	Envirolab in-house methods Inorg-093 & Inorg-057	18%	✓	✓‡

210719

* Uncertainties cited in this table are estimated using typical values and are calculated at the 95% confidence level (coverage factor = 2).

†† Gravimetric analysis conducted at the Ektimo Cockburn Central, WA laboratory, NATA accreditation number 14601.

‡ Analysis performed by Envirolab, NATA accreditation number 2901. Results were reported to Ektimo on 6 August 2021 in report 275043.

5 QUALITY ASSURANCE/QUALITY CONTROL INFORMATION

Ektimo is accredited by the National Association of Testing Authorities (NATA) for the sampling and analysis of air pollutants from industrial sources. Unless otherwise stated test methods used are accredited with the National Association of Testing Authorities. For full details, search for Ektimo at NATA's website www.nata.com.au.

Ektimo is accredited by NATA (National Association of Testing Authorities) to ISO/IEC 17025 - Testing. ISO/IEC 17025 - Testing requires that a laboratory have adequate equipment to perform the testing, as well as laboratory personnel with the competence to perform the testing. This quality assurance system is administered and maintained by the Quality Director.

NATA is a member of APAC (Asia Pacific Accreditation Co-operation) and of ILAC (International Laboratory Accreditation Co-operation). Through mutual recognition arrangements with these organisations, NATA accreditation is recognised worldwide.

6 DEFINITIONS

The following symbols and abbreviations may be used in this test report:

% v/v	Volume to volume ratio, dry or wet basis
~	Approximately
<	Less than
>	Greater than
≥	Greater than or equal to
APHA	American Public Health Association, Standard Methods for the Examination of Water and Waste Water
AS	Australian Standard
BSP	British standard pipe
CARB	Californian Air Resources Board
CEM/CEMS	Continuous Emission Monitoring/Continuous Emission Monitoring System
CTM	Conditional test method
D	Duct diameter or equivalent duct diameter for rectangular ducts
D ₅₀	'Cut size' of a cyclone is defined as the particle diameter at which the cyclone achieves a 50% collection efficiency i.e. half of the particles are retained by the cyclone and half pass through it. The D ₅₀ method simplifies the capture efficiency distribution by assuming that a given cyclone stage captures all of the particles with a diameter equal to or greater than the D ₅₀ of that cyclone and less than the D ₅₀ of the preceding cyclone.
DECC	Department of Environment & Climate Change (NSW)
Disturbance	A flow obstruction or instability in the direction of the flow which may impede accurate flow determination. This includes centrifugal fans, axial fans, partially closed or closed dampers, louvres, bends, connections, junctions, direction changes or changes in pipe diameter.
DWER	Department of Water and Environmental Regulation (WA)
DEHP	Department of Environment and Heritage Protection (QLD)
EPA	Environment Protection Authority
FTIR	Fourier Transform Infra-red
ISC	Intersociety Committee, Methods of Air Sampling and Analysis
ISO	International Organisation for Standardisation
ITE	Individual threshold estimate
Lower bound	When an analyte is not present above the detection limit, the result is assumed to be equal to zero.
Medium bound	When an analyte is not present above the detection limit, the result is assumed to be equal to half of the detection limit.
NA	Not applicable
NATA	National Association of Testing Authorities
NIOSH	National Institute of Occupational Safety and Health
NT	Not tested or results not required
OM	Other approved method
OU	Odour unit. One OU is that concentration of odorant(s) at standard conditions that elicits a physiological response from a panel equivalent to that elicited by one Reference Odour Mass (ROM), evaporated in one cubic metre of neutral gas at standard conditions.
PM ₁₀	Atmospheric suspended particulate matter having an equivalent aerodynamic diameter of less than approximately 10 microns (µm).
PM _{2.5}	Atmospheric suspended particulate matter having an equivalent aerodynamic diameter of less than approximately 2.5 microns (µm).
PSA	Particle size analysis
RATA	Relative accuracy test audit
Semi-quantified VOCs	Unknown VOCs (those not matching a standard compound), are identified by matching the mass spectrum of the chromatographic peak to the NIST Standard Reference Database (version 14.0), with a match quality exceeding 70%. An estimated concentration is determined by matching the area of the peak with the nearest suitable compound in the analytical calibration standard mixture.
STP	Standard temperature and pressure. Gas volumes and concentrations are expressed on a dry basis at 0°C, at discharge oxygen concentration and an absolute pressure of 101.325 kPa, unless otherwise specified.
TM	Test method
TOC	The sum of all compounds of carbon which contain at least one carbon-to-carbon bond, plus methane and its derivatives.
USEPA	United States Environmental Protection Agency
VDI	Verein Deutscher Ingenieure (Association of German Engineers)
Velocity difference	The percentage difference between the average of initial flows and after flows.
Vic EPA	Victorian Environment Protection Authority
VOC	Volatile organic compound. A carbon-based chemical compound with a vapour pressure of at least 0.010 kPa at 25°C or having a corresponding volatility under the given conditions of use. VOCs may contain oxygen, nitrogen and other elements. VOCs do not include carbon monoxide, carbon dioxide, carbonic acid, metallic carbides and carbonate salts.
XRD	X-ray diffractometry
Upper bound	When an analyte is not present above the detection limit, the result is assumed to be equal to the detection limit.
95% confidence interval	Range of values that contains the true result with 95% certainty. This means there is a 5% risk that the true result is outside this range.

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2021 Annual Compliance Report
EPBC 2008/4546
Technical Ammonium Nitrate Plant

04-10-2021 600-200-ACR-YPN-0010 Rev 0

Attachment 10A(a): Letter YPN to Department regarding Rock Art Monitoring, dated 2 July 2018



Knowledge grows

2 July 2018

Our Reference: 650-200-LET-DOE-0002

Your Reference: EPBC 2008/4546

Monica Collins
Chief Compliance Officer
Office of Compliance
Department of the Environment and Energy
GPO Box 787
Canberra ACT 2601

Dear Ms Collins

Proposed Technical Ammonium Nitrate Production Facility (EPBC 2008/4546)

I write in relation to the Consolidated Approval Notice for the above referral, issued by your Department and dated 12 September 2017, and to recent discussions with yourself and colleagues.

As discussed, Condition 10A of the Consolidated Approval Notice, *On-going Rock Art Monitoring*, requires that, from 2018, rock art monitoring must be undertaken annually between 15 July and 15 September of each year, for the life of the approval. Condition 10A also requires that the monitoring be undertaken by a suitably qualified person (Heritage), and using a methodology approved by the Minister in writing, or through a program administered by the Western Australian Government Department of Water and Environmental Regulation (DWER).

As DWER has confirmed that they will not be conducting a monitoring program in 2018, Yara Pilbara Nitrates' proposes the following actions to meet the requirements of Condition 10A in 2018:

- Yara seeks approval to replicate the monitoring program that was approved in 2017 (see attached DOEE letter dated 21 December 2017)
- All aspects of the monitoring methodology will remain the same, with Warren Fish and Dr Ian MacLeod again managing the monitoring, with the heritage custodians of the Burrup rock art, Murujuga Aboriginal Corporation, actively involved (see attached Yara Pilbara Nitrates letter dated 3 November 2017, ref 650-208-LET-YPN-0001)
- With respect to the requirement of Condition 10A to engage at least once annually with the Murujuga Aboriginal Corporation in the planning and reporting associated with the on-going annual rock art monitoring, Yara Pilbara Nitrates has held multiple face-to-face meetings with Murujuga Aboriginal Corporation, as well as correspondence and telephone discussions to ensure their support for this proposal

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Knowledge grows

Should this proposal meet with approval, the next step would be to identify with Murujuga Aboriginal Corporation an optimal time within the required dates for the monitoring, and begin logistical planning immediately to ensure compliance.

For your information, our intent is to conduct additional monitoring in partnership with Murujuga Aboriginal Corporation, according to methodology developed by Fish and Macleod and shared with Murujuga Aboriginal Corporation. This methodology has been submitted for consideration to the Director General of DWER by Murujuga Aboriginal Corporation's CEO during a recent meeting on country. Data gathered via this monitoring may well inform future approaches to protection of the Burrup rock art.

Yours Sincerely

A handwritten signature in black ink, appearing to read 'L. Blackburn', with a long horizontal line extending to the right.

Luke BLACKBOURN

Manager Government and External Relations

Yara Pilbara Nitrates

Attachments

1. DOEE letter, 21 Dec 2017
 2. YPN letter, 3 Nov 2017
- cc. Peter Jeffries, Acting CEO Murujuga Aboriginal Corporation



Ref: 2008/4546

Mr Brian Howarth
HESQ Manager
Yara Pilbara Nitrates Pty Ltd
Locked Bag 5009
Karratha WA 6714

**EPBC 2008/4546 – Proposed Technical Ammonium Nitrate Production Facility –
Approval of Methodology**

Dear Mr Howarth

Thank you for your letter dated 3 November 2017 to the Department, requesting approval of Yara Pilbara Nitrates interim rock art monitoring methodology under condition 10A(d) of EPBC Act approval 2008/4546.

I note that the Western Australian Government recently published the draft Burrup Rock Art Strategy which will provide a long-term framework to protect Aboriginal rock art on the Burrup Peninsula. In this context I understand that Yara Pilbara Nitrates Pty Ltd is seeking the approval of its methodology as an interim method to be used for 2017 monitoring, pending the development of a new method by the Western Australian Government and the independent Burrup Rock Art Monitoring Management Committee.

I also understand that Yara Pilbara Nitrates Pty Ltd has sought to address the recommendations of the Data Analysis Australia report to the extent feasible and that those recommendations will also be considered by the independent Burrup Rock Art Monitoring Management Committee in the development of the Burrup Rock Art Strategy.

On this basis, as delegate of the Minister I approve the proposed rock art monitoring methodology for 2017. I am also satisfied that Mr Warren Fish and Dr Ian Macleod, have suitable qualifications and experience to undertake the rock art monitoring under condition 10A.

Should you require any further information please contact Officer Dwaine McMaugh, A/g Director, Environmental Audit Section, on 02 6274 1641 or by email: EPBCmonitoring@environment.gov.au.

Yours sincerely

Monica Collins
Chief Compliance Officer
Office of Compliance

21 December 2017



Knowledge grows

3 November 2017

Our Reference: 650-208-LET-YPN-0001

Your Reference: EPBC 2008/4546

Monica Collins
Chief Compliance Officer
Office of Compliance
Department of the Environment and Energy
GPO Box 787
Canberra ACT 2601

Dear Ms Collins

Proposed Technical Ammonium Nitrate Production Facility (EPBC 2008/4546)

I write in relation to the Consolidated Approval Notice for the above referral, issued by your Department and dated 12 September 2017.

Condition 10A of the Consolidated Approval Notice, *On-going Rock Art Monitoring*, requires the first on-going rock art monitoring event to be completed by no later than 31 December 2017, and I wish to update you with respect to Yara Pilbara Nitrates actions to date to meet this condition, and seek approval of our proposed methodology and monitors.

As you are aware, previous rock art monitoring on the Burrup Peninsula was undertaken by CSIRO as part of the Western Australian Government's Burrup Rock Art Monitoring Program which expired in June 2016. Since that time, the WA Government has failed to replace the program and so we are in the position of needing to conduct our own rock art monitoring as per the Consolidated Approval Notice. Yara recognises the importance of obtaining data in 2017 so as to avoid a year-long gap in the monitoring data. Our efforts aim to make the data we gather as useful as possible in contributing to the understanding of the rock art and any potential impacts thereon.

A key aspect of our initial efforts has been to engage and include members of Murujuga Aboriginal Corporation (MAC) in our rock art monitoring activities. We note that as freehold title holders for the Murujuga National Park, as cultural custodians for the rock art and as Indigenous Rangers working on country, MAC are key stakeholders regarding Burrup rock art, yet they continue to state that they are being sidelined and treated paternalistically with respect to the Burrup rock art, as they attested at the Senate Inquiry earlier this year.

We have met the CEO, Chairperson, Circle of Elders and the Manager of the Murujuga Land and Sea Unit. They have agreed to assist in the rock art monitoring program for 2017, and our experts will work with the Rangers to ensure knowledge and skills transfer take place. Murujuga are supportive of this work and look forward to working with Yara.

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Knowledge grows

The proposed methodology is attached, and we trust it will meet with the approval of the Minister. As you will see, we have taken the previous CSIRO methodology, and made some changes to reflect clear recommendations of the Data Analysis Australia report *Review of CSIRO Report on Burrup Peninsula Rock Art Monitoring* found on the web at

<https://www.der.wa.gov.au/images/documents/our-work/consultation/Burrup-Rock-Art/DAA-independent-review-report---May-2017.pdf>

We noted your Department's endorsement of the role of CSIRO in previous rock art monitoring in the Department's response to comments in Dr Ken Mulvaney's submission to the Senate Inquiry. We trust that the Department therefore has a familiarity and understanding of the methodology presented.

Condition 10A c) requires the rock art monitoring to "...be undertaken by a suitably qualified person (Heritage)", with the definition later provided:

Suitably qualified person (Heritage) is a person with at least a bachelors degree with Honours in archaeology or five (5) years experience in Indigenous heritage or archaeology recognised by a relevant body such as the Australian Association of Consulting Archaeologists.

Our program will be led by Warren Fish, who is a Masters Degree qualified archaeologist and an ex-Registrar of Aboriginal Sites with the WA Government, with well over a decade of experience in Indigenous heritage. Warren will be supported by Dr Ian MacLeod, who is a highly respected international academic and scientist, specialising in heritage conservation. Dr MacLeod has been instrumental in the various rock art conservation and monitoring campaigns conducted on the Burrup. CVs are attached for both. As previously mentioned, the heritage custodians of the Burrup rock art, Murujuga Aboriginal Corporation, will be actively involved in the monitoring. These participants ensure we meet this Condition of the Consolidated Approval Notice.

We trust that this interim program meets with approval of the Minister, and would like to state our keenness to support updated methodology and monitoring in subsequent years. We are more than happy to provide further information, and look forward to working with the Department to ensure monitoring takes place in a timely manner. Should you need any further information before putting the proposed monitoring program to the Minister, please do not hesitate to contact us. In addition, if you feel that Departmental staff may benefit from a visit to the Burrup to better understand Yara's activities and the context in which we operate, we would be only too happy to host them.

Yours Sincerely,

A handwritten signature in blue ink, appearing to read "Brian Howarth", with a long horizontal flourish extending to the right.

Brian HOWARTH

HESQ Manager

Yara Pilbara Nitrates

Attachments

1. CV Fish
2. CV MacLeod
3. Proposed Technical Ammonium Nitrate Production Facility Rock Art Monitoring Methodology

cc. Craig Bonney, CEO MAC

CV

Warren Stuart FISH

PERSONAL DETAILS

Name: Warren Stuart FISH

Address: 31 Goollelal Drive
Kingsley 6026
Perth, Western Australia

Telephone: +61 (0)8 9409 7041 (home)
+61 (0) 409 448 860 (mobile)

Email: wsfish@bigpond.com

Warren has over 20 years of leadership experience and is highly skilled at developing and implementing strategic objectives.

He has international experience in corporate governance, Health Safety and Environment leadership, enterprise risk management, government relations, corporate affairs, Indigenous affairs, and people logistics.

Warren has held senior leadership positions in the Western Australian State Government; worked in the United States, southern Africa and Australia; and held key management roles in successful major projects.

IN BRIEF

20 years working in:

- Executive management
- Corporate Affairs
- Heritage and native title
- Sustainability
- Health, safety and environment (HSE) and sustainable development
- Corporate compliance and approvals
- Enterprise risk management

Experience:

- Project Director: Stakeholder Relations and Approvals, encompassing all HSE components. \$8 billion greenfields JV with multi-cultural partners and complicated commercial arrangements. Construction of a mine, railway and port and marketing of product and project into China and Korea.
- Executive Director: Health, Safety, Environment and Corporate Logistics at CITIC Pacific Mining, an \$15 billion greenfield magnetite project in north-west Western Australia. Greenfields construction of a mine, processing plant, infrastructure corridor, power station and port. My role extended to Executive Director of the company.
- Key management and leadership roles:
 - Aurizon
 - CITIC Pacific Mining
 - North West Shelf Venture

- Woodside Pluto LNG projects
- Registrar of Aboriginal Sites, WA State Government
- Work locations in the United States, southern Africa and Australia

Qualifications:

- MA (2001): respected in the international academic community, with numerous papers published in peer-reviewed journals, and have reviewed wide-ranging papers for academic publications.

Board representation:

- Previous membership of 14 Boards, including CITIC Pacific Mining Management Pty Ltd.

EMPLOYMENT HISTORY

September 2016 - Present:

WS Fish Consulting Principal

Consulting to industry on:

- Stakeholder Management and Corporate Affairs
- Government relations
- Heritage and native title
- Sustainability
- Health and Safety
- Environment

Skills include, although not limited to the following:

- Utilising strong government relationships (both State and Federal) to connect business leaders to political leaders in order to influence policy direction.
- Providing strategic advice to senior management and board on sustainability, stakeholder relations and community engagement.
- Delivery of regulatory approvals.

August 2014 – September 2016:

Aurizon Project Director: Stakeholder Relations, HSE and Approvals

The West Pilbara Infrastructure Project (WPIP) is a Joint Venture with Baosteel, POSCO, and AMCI to construct and operate an iron ore mine, 280km railway and port in the west Pilbara, Australia. Initial capacity is 40mtpa scalable to 250mtpa. Reporting to the Executive Vice President Strategy and Business Development I held formal accountability for below but was also heavily involved in Corporate Affairs issues across the business. This included providing advice to the then CEO on State and Federal political matters.

Portfolio included accountability for:

- Stakeholder Management and Corporate Affairs
- Sustainability
- Health and Safety
- Environment
- Heritage and native title

Responsibilities included:

- Successful delivery of regulatory approvals
- Lead negotiations for a State Agreement with the WA Government, including driving its passage through Parliament.
- Lead negotiations on a State Development Agreement for the Port, allowing sufficient control for Aurizon to take advantage of significant opportunities.
- Lead negotiations on Native Title Agreements.
- Ensure that commercial relationships were appropriately established and maintained.
- Develop and maintain strong joint venture, supplier and stakeholder relationships.
- Lead the implementation of the Heads of Agreement in terms of the management of major stakeholder relationships.

Key achievements

- Negotiated changes to approved Government port layout and design. Led to \$600m construction savings.
- Negotiated change to Government position on State Agreement term from 16 yrs +10+10 to 50 yrs +10+10. This increased project viability and led to significantly more favourable financing terms.
- Negotiated changes to Government policy relating to financial mechanisms usually required in State Agreements (use of trust structures as proponents)

May 2010 - June 2014:

CITIC Pacific Mining Management Pty Ltd Executive Director: Health, Safety, Environment and Corporate Affairs

CITIC Pacific Mining (CPM) is an Australian company wholly owned by the CITIC Group, one of China's largest SOE's. CPM constructed China's largest resource project in Australia in the form of a magnetite mine in the Pilbara. The Project is a \$15bn resource and infrastructure project consisting of a mine, concentrator, 450MW gas-fired power station, 30km infrastructure corridor, tailings facility, 60GL desalination plant and port. Peak construction workforce was 4500.

Portfolio included accountability for:

- Health and Safety
- Corporate Affairs
- Sustainability
- Corporate Logistics
- Environment
- Heritage & Native Title
- Pastoral Management (Mardie Station)

Reporting to the Executive Chairman, this position carried accountability for CITIC Pacific Mining's license to operate.

Responsibilities included, although not limited to the following;

- Staff compliment – approximately 120 (300 including contractors) people and \$90m annual budget.
- Board level decision-making and planning advice on company strategic direction.
- Health and Safety portfolio for construction, commissioning and operations. Peak workforce of over 4500.
- Cultural change programs in Health and Safety leading to a significant reduction in injuries.

Key achievements

- Introduced the first publication of a comprehensive Sustainability Report in the CITIC Group's history. Sustained and sophisticated internal stakeholder management at senior executive and board level required to gain approval for this to be undertaken in a traditionally conservative Chinese SOE. The report was well-received and the template was used for other business units in Hong Kong and mainland China. This led to wide-ranging internal discussion on the potential effects of climate change on various parts of the business.
- Stakeholder relations campaign with Federal politicians around the Carbon Pollution Reduction Scheme (CPRS) and Clean Energy Futures (CEF). Design of carbon

policy for CITIC Pacific Mining, particularly around 450MW power station and the construction of a solar farm to contribute to offset. We were able to win significant Federal funding to support the construction of the solar farm, leading to dramatic reduction of accommodation village costs.

- Significant issues were being encountered with the Safety portfolio, with poor performance and high injury rates. After a fatality occurred, I was asked by then-CEO to lead the undertaking of a cultural change project in the Safety portfolio. Detailed and sophisticated stakeholder work with Australian Board, Hong Kong Board and CITIC Board in Beijing. Program design and implementation across site with 4500 construction workers. Led to decrease in Recordable Injury Frequency Rate from 14 down to 3 within six months.
- Company Logistics were not being efficiently managed. Then then-CEO requested I undertake a change management project to rectify. I led renegotiations of contracts with QANTAS and other air and bus charter providers, as well as accommodation village service providers (3 different providers and 3 villages). Security contracts were redesigned. Outcome was a more disciplined approach to corporate logistics and significant cost savings. CEO then requested that the same study be undertaken on other portfolios, including site maintenance, which was also posted under my aegis.
- Mardie Station had been purchased by the company to shore up tenure and secure land access. The station had been running at a loss and the then then-CEO turned to me to rectify. I undertook a full review of operations which led to leaner operating models and the setup of a feedlot. This included capital spend on infrastructure, which was a difficult sell when instruction was to cut costs. The Board agreed with my logic and proposal, capital costs were incurred and Mardie Station has run at a healthy profit every year since.
- Site faced a significant fibrous materials issue and State Mining Engineer's advice to Mines and Petroleum Minister was to temporarily shut down the site. I led negotiations for Project to remain active while safety regime was being re-designed.
- Maintained strong relationships with Federal and State Government despite contentious issues, including significant cross-cultural and political miscommunication.

March 2008 – April 2010:

CITIC Pacific Mining Management Pty Ltd Director, Corporate Affairs, Environment and Heritage

Reporting to the CEO, this position was created to direct the Environment and Heritage portfolio and increase focus on approvals, compliance, sustainable and responsible development, and the management of community and stakeholder expectations in these spheres including;

- High level negotiations and interaction with various Commonwealth and State Government Departments.
- Environment, Heritage and Land Access processes and approvals, within accelerated timeframes, and Tenement Management.
- Indigenous relationships, consultations, approvals, surveys and negotiations with Traditional Custodians.
- Negotiator to CPM Legal Counsel during negotiations with three different Native Title Claimant Groups and on-going administration of Native Title portfolio.
- Responsibility for Indigenous Business and Employment strategy

Key achievements

- Approvals were the major risk to the project and were holding up construction at a

cost of US\$7m/day. I led the turnaround to a position where approvals were 6-8 months ahead of construction. This involved complex negotiations with Government and led to parallel approval processes being put in place. This had not been done before by Government.

- Significant fibrous materials (asbestos) issue on site with Dept of Mines and Petroleum Safety Branch advice to temporarily close site and halt construction. I successfully negotiated an outcome at Director General level that allowed construction to continue whilst new protocols were being designed and implemented.
- Re-negotiated approval conditions that were expensive and onerous to comply with. This led to significant cost savings.

Dec 2006 - March 2008:

Woodside Energy Limited Corporate Affairs, Heritage Manager

This position was created in the face of increased scrutiny in land access negotiations and entailed managing all Woodside heritage matters, including:

- Staff compliment – 5 reports
- High level negotiations with various Commonwealth and State Government Departments on National Heritage Listing.
- Drafting of Conservation Agreements between Woodside and the Commonwealth, and the NWSV and the Commonwealth.
- Heritage work exceeding international best practice on the Pluto Project.
- Managing corporate social responsibility.

Key achievements

- Led work negotiating National Heritage Listing of the Burrup peninsula with Pluto and North West Shelf areas excised.
- Negotiated Traditional Owner participation in heritage projects despite high-profile opposition from conservation groups and activists.

Nov 2004 - Dec 2006:

Woodside Energy Limited Manager Corporate Affairs, Karratha

Woodside Energy is Australia's largest oil and gas producer. Their primary facility is the Northwest Shelf Gas Plant, outside Karratha in Western Australia and is the largest resource project in Australia.

This position entailed managing a team to ensure delivery on the following issues:

- Staff compliment – 9 reports
- Corporate affairs advice
- Government and community relations
- Media and issues management
- Emergency response
- Government approvals
- Native Title and heritage
- Sustainability portfolio

Key achievements

- Member of the senior leadership team of 6 responsible for delivery of LNG cargoes as well as domestic gas to WA.
- Expansion of gas plant with no community issues raised.

May 2004 - Nov 2004:

**Department of Industry and Resources, Perth
Heritage Manager**

This position was created in order to provide advice to the Department, industry proponents and external stakeholders regarding heritage, Native Title and land access issues. Most of this work was undertaken on major projects and areas of my involvement included the Burrup Peninsula, Ord Stage II, ALCOA and Gorgon amongst others. This senior management position provided high-level advice to the Minister for State Development.

July 2002 - May 2004:

**Department of Indigenous Affairs, Perth
Assistant Director, Heritage and Culture Branch
Registrar of Aboriginal Sites**

The role as Assistant Director managed the Heritage and Culture Branch and the compliance arm of heritage legislation and attendant approvals system. A network of regional offices reported to this position. Strategic and operational policy was designed and implemented.

The Registrar is responsible for Aboriginal sites in Western Australia. High-level discussions and negotiations were undertaken with other State Agencies (usually at Director-level and upwards), industry representatives and Aboriginal organizations to facilitate responsible development. The Registrar provides the Minister for Indigenous Affairs with advice on development approvals.

February 2001 - July 2002: Curtin University of Western Australia
Consultant/Sessional Academic

March 1998 - Feb 2001: KwaZulu-Natal Museum Service
Media and Liaison Officer

1997 (3 months): University of Colorado
Denver Museum of Natural History
Canyon Archaeological Centre
Selected to participate USA government sponsored program of work.

April 1994 - March 1998: Northern Province Heritage Service
Archaeologist

QUALIFICATIONS

CURTIN UNIVERSITY OF TECHNOLOGY

Perth, Western Australia

Postgraduate courses completed at Curtin Business School:

- Marketing Theory 568
- Marketing Research 562
- Internet Marketing 567
- Applied Cases in Electronic Marketing 560
- Research Methodology 655

UNIVERSITY OF THE WITWATERSRAND

Johannesburg, South Africa

M.A.

2001 Masters Degree by research in archaeology

Thesis: "Early Venda History and the Mutokolwe Ruins near Tshiendeulu"

UNIVERSITY OF CAPE TOWN

Cape Town, South Africa

B.A. HONOURS

1991 - Graduated with Honours in maritime archaeology

Thesis: "Historic Shipwrecks; Issues in Management in a South African Context"

UNIVERSITY OF CAPE TOWN

Cape Town, South Africa

B.A.

1990 - Graduated with Bachelor of Arts, majoring in Archaeology

REFERENCES

References can be provided on request.

Curriculum Vitae for Ian Macleod

Place & Date of Birth: Ballarat, Victoria, Australia, 16 October 1948

Nationality: Australian

Business Address: Heritage Conservation Solutions
2/258 Labouchere Road, Como, Western Australia 6152
Telephone: 61-419952706
e-mail: iandonaldmacleod@gmail.com

Research Address: Western Australian Maritime Museum
Peter Hughes Drive, Victoria Quay
Fremantle, Western Australia 6160
Telephone: 61-8 94318302 (messages)
e-mail: ian.macleod@museum.wa.gov.au

Education:

2007: Doctor of Science, University of Melbourne: Thesis title *Chemistry and Conservation of Shipwrecks and Rock Art*, March 2007.

1974: Doctor of Philosophy, University of Melbourne: The thesis "*Polarography in anhydrous hydrogen fluoride*" reported on the electrochemistry of the transition and p-block metal-fluorides dissolved in liquid anhydrous-hydrogen-fluoride. Supervisor was the late professor Tom O'Donnell.

1970: Bachelor of Science (Hons) - (H2A), University of Melbourne. The thesis "*Potentiometry in Anhydrous Hydrogen Fluoride*" reported a study of the electrochemical properties of tin fluorides dissolved in liquid anhydrous-hydrogen-fluoride.

1961 – 1966: Ballarat High School, Victoria

Awards and Fellowships

Fellow of the Society of Antiquaries of Scotland (FSA Scot, 1974)

Fellow of the Royal Australian Chemical Institute (FRACI 1986)

Chartered Chemist (C.Chem. 1986)

Fellow of the International Institute for the Conservation of Artistic and Historic Works (FIIC, 1987)

Fellow of the Australian Academy of Technological Sciences & Engineering (FTSE, 2000)

Fellow of the Royal Society of Chemistry (FRSC, 2013)

International Council of Museums Committee for Conservation Triennial Medal (2017)

Heritage Council of Western Australia Medal, Professional Category (2017)

Bathurst Macquarie Heritage Medal finalist (2017)

Life Professional Member of the Australian Institute for the Conservation of Cultural Materials (2015)

Life member of the Australasian Corrosion Association (2014)

Corrosion Medal, the Australasian Corrosion Association for service and public engagement (2004)

Centenary Medal for services to Metallurgy and Technological Sciences, Australian Government (2003)

Alton Batty Medal for applied chemistry, Royal Australian Chemical Institute (1999)

Employment History in Conservation Management

May 2016 - present: Principal *Heritage Conservation Solutions*, an independent corrosion and deterioration assessment consultancy group operating in the museum and community sectors. Specialities include problem solving in corrosion degradation and management of buildings and sites.

May 2011- May 2016

Executive Director, Fremantle Museums and Collections

The primary responsibility of this position was the integrated management and service delivery of museum programs in Fremantle, including engagement with many community groups in the region. The role coordinated the departments of Materials Conservation, Maritime Archaeology and Maritime History and front of house staff. During this period applied research included microbial corrosion, the conservation of historic shipwrecks and the application of *in-situ* treatment methodologies to site management strategies. The assessment of buildings for passive conservation management for large collections has been shown to be cost effective and sustainable. A new approach for the determination of intervention priorities for major collections has been developed.

June 2006 – May 2011 Executive Director, Collection Management and Conservation

The position involved the management, development and integration of the museum collections and conservation programs with the relocation of objects and staff within the metropolitan area. During this interval I effected the safe relocation of collections from five metropolitan storage sites to the central facility that I set up in suburban Welshpool. This rationalisation involved closing two museum sites and three storage locations. I project managed the valuation of the 12½ million objects in the WA Museum collections which were valued at \$638 million. During this period my research focus was on corrosion phenomena on the Australian WWI submarine AE2 in the Sea of Marmara in Turkey and Japanese shipwrecks from WWII in Chuuk Lagoon in Micronesia.

July 2003 to June 2006

Director, Museum Relocation Project & Museum Services

I was responsible for the relocation of 85 staff, honorary associates, volunteers and 4½ million collection items from the WA Museum site in Perth site to the new Collections and Research Centre in Welshpool. The relocation was necessitated due to a unique combination of hazards from latent asbestos risk and major dangerous goods fire hazards associated with more than 130,000 litres of ethanol stored on site in the main museum building. The project consisted of the conversion of a 9,000 m² building into an integrated suite of laboratories and collection boxes which had a high-quality temperature and relative humidity controlled storage facility with dust removal to 1µm. This was a massive preventive conservation project covering the bulk of the WA Museum collections. As project manager I coordinated engineers, architects, space planners, curators, collection managers, staff, and the development of communication strategies for key players. The project involved regular briefings with the Minister and Director General of the Department for Culture and the Arts as well as the chair of the Board of Trustees. The project was completed on time and within the \$11 million budget.

1978 – 2003

Various positions within the WA Museum Materials Conservation and general administration.

Research Background:

Applied Chemistry

During my PhD and post-doctoral fellowships I developed a range of techniques for solving complex problems which involved careful experimentation, fine motor coordination skills and ability to engage a wide variety of audiences with the nature of the applied research.

Cultural Materials Conservation

I have pursued an understanding of the mechanisms of decay of cultural materials with detailed analysis of the layers of degraded materials on objects recovered from terrestrial and marine environments. Part of this work has involved surface analysis of tool-marks; wear patterns and fabrication techniques, as well as provenance studies on the materials used in the manufacturing processes. I have achieved an international reputation for my *in-situ* corrosion studies on historic shipwrecks, with particular emphasis on iron shipwrecks. Through successful modelling of the electrochemical processes involved in corrosion of shipwreck materials I have developed models that predict the decay rate of the vessels. I pioneered the use of sacrificial anodes on iron artefacts as a method of *in-situ* conservation. Major achievements have incorporated sites such as the SS *Xantho* (1872) steam engine in Western Australia, the best bower anchor and a carronade from the HMS *Sirius* (1790) on Norfolk Island, a the composite wooden-iron wreck of the *Zanoni* (1867) in South Australia and cannon from the *Swan* (1653) in Scotland and both HMVS *Cerberus* (1926) and the *City of Launceston* (1865) in Victoria. A method of assessing the age of corroded cast iron cannon has been established using chloride diffusion data.

Successful identification of contemporary forgeries in silver coins recovered from the wreck of the Dutch *Batavia* (1629) and the American *Rapid* (1812) provided insights into corruption in the Spanish Netherlands in 1562 and in Mexico during 1796. Surface analysis of corroded silver coins on the Portuguese shipwreck of the *San Pedro de Alcantara* (1786) provided an energy map of the turbulent wreck site. Industrial practices of the 19th century have revealed the way in which ships' fastenings contributed to the ultimate loss of the vessels through decay mechanisms associated with premature structural failure due to inclusions. Analysis of the encrusting marine organisms has shown that bacteria convert phosphorus impurities in iron into a growth stimulant.

I developed the method for determining the dimensions of scantlings on historic iron shipwrecks from the combination of residual metal thickness and the long-term corrosion rate. I determined the impact of stresses during manufacture and shipwrecking processes on the corrosion rate of non-ferrous metals. The effect of chloride ion concentration on the corrosion rates of iron alloys has been characterised. Detailed analysis of corrosion data from 70-year old wrecks in Chuuk Lagoon in the Federated States of Micronesia has enabled prediction of when they will collapse. Collaborative work with marine biologists has established the first evidence of biodynamic interaction of marine organisms with wrecked ships and aircraft and how marine organisms affect the deterioration of wrecks.

Through applied micrometeorology it was demonstrated that the active decay of historic prisoner-painted surfaces was due to hard render on the exterior of the World Heritage listed former convict-built Fremantle Prison. This study prompted the Heritage Council of WA to order removal of the 100 year old render which has now stabilised the site. Chloride mapping at St Georges Anglican cathedral in Perth demonstrated that salt movement was the primary cause of degradation of brick and stonework. Wide scale application of papier-mâché poultices enabled the bulk of the salts to be removed and to retain the original materials, which was the first time the process had been carried out on an industrial scale in Australia.

My work on the Australian WWI submarine HMAS AE2 in the Sea of Marmara, Turkey has resulted in the application of ten tonnes of zinc sacrificial anodes to conserve this historic vessel on the seabed at a depth of 73 metres. Data collected from in-situ corrosion measurements has shown the pH profiles found adjacent to the submarine and at a distance of 25 metres are replicated in microenvironments inside the complex submarine. I have developed a method to determine when in-situ conservation of marine iron objects has reached effective completion without the need for excavation activities.

I have developed the method for migrating formalin-preserved natural science specimens from 70% ethanol to 65% aqueous glycerol which has been applied to the WA Museum's iconic Megamouth III, a

5.2 metre The treatment program was conducted inside a public gallery at the WA Maritime Museum and has resulted in a stabilised shark that has lost a lot of its shrinkage caused by 13 years of alcohol induced desiccation. The method is now being used by the Natural History Museum in London on a large great white shark.

Working with the Benedictine community at New Norcia, Australia's only monastic township, I developed a significance and conservation ranking which enables calculation of which objects are the most important to treat. This work has been successfully extended to the management of iron shipwrecks in Port Phillip Bay and Bass Strait. I also developed a method of removing tarnish from metallic threads in a 17th century cope by using neutral buffered solutions of dithionite and immersion of the textiles.

Conservation of Aboriginal Rock Art

Thirty-five years ago, my introduction to Aboriginal rock art in the Wheatbelt of Western Australia began. The task was to assess the impact of previous interventions involving installation of drip lines and graffiti removal to control degradation of sites. Through connections at Murdoch University I established the methodology of applying the principles of micrometeorology to model the decay rates of engraved and painted surfaces. This work led to a series of successful grant applications to fund basic research into the physical microenvironment of the sites to see how the chemical and microbiological activity interact to control the rates of physical and biological degradation. Micro-environmental modelling correctly replicated the temperature profiles of rock art sites in the West Kimberley and Murchison regions of Western Australia. This work enables estimation of the annual climate of the sites without the need for repeated visitation.

The complexities of the decay patterns on the Kimberley Wandjina paintings were shown to be due to acid dissolution of the intensely white pigment huntite, $Mg_3Ca(CO_3)_4$ into pseudomorphic whewellite $CaC_2O_4 \cdot H_2O$, which preserved the form of the totemic images. Acidic solutions from rainfall events in the absence of oxalate ions dissolve the images. Microenvironment and mineralogy studies at *Walga Rock* has revealed a series of complex dissolution and re-precipitation reactions whereby water born ions derived from aged avian guano results in the preservation of calcitic and kaolinitic pigments on the images. Research in the Burrup peninsula established the direct relationship between acidity of the rocks and the number of bacteria, yeasts and moulds growing on their surface and the impact of nitrates on the overall microbiological activity. I introduced using pH measurements to assess the local environment and now have extended the work to include E_h data collected directly from the rock surfaces. I have established the connection between industrial emissions and apparent acceleration of the decay rate of petroglyphs.

I was the deputy ex-officio WA Museum member on the Aboriginal Cultural Materials Committee of the Department of Aboriginal Affairs for eight years. This committee met monthly and advised the Minister on the impact of proposed mining and development applications on Aboriginal sites with recommendations on which sites should be preserved and which can be destroyed.

Professional Activities

I have been a member of the Royal Australian Chemical Institute since 1970 and was the Media Liaison Officer for the WA Branch in 1984 and a Fellow since 1986. I have been a member of the Australasian Corrosion Association (ACA) for 40 years and was on the Editorial Board of their journal *Corrosion and Materials* for five years and am the present Editor. The ACA recognised my contribution to corrosion science through the invitation to present the *P.F. Thomson Memorial Lecture* at the ACA Bicentennial Conference in Perth in 1988, in Adelaide for 2002 and in Perth 2011 for the 18th International Corrosion Congress of which I was the chair. I was awarded their **Corrosion Medal** in 2004 for services to the Association and to public education. In 2005 I was a plenary lecturer at the

Golden Jubilee conference of the ACA and opened the Trade Fair. I have given numerous seminars for the association over the last 38 years. I was elected to Life Membership of the ACA in 2014. I was Federal Treasurer of the Australian Institute for the Conservation of Cultural Material (AICCM) from 1980- 89 and Western Australian Branch President in 1979, 1988-1992 and again in 2006 and was a member of the Professional Accreditation Committee for ten years. I am a Professional Conservator life member of the AICCM.

I was a member of the Conservation and Collections Management Working Party of the Heritage Collections Council of the Commonwealth of Australia for five years. In September 1999 I was elected to the Directory Board of the Conservation Committee of the International Council of Museums and completed my second term in 2005, having brought about fundamental changes in the by-laws that facilitated universal access to the election processes for the Directory Board of ICOM-CC. November 2000 saw my election as a Fellow of the Australian Academy of Technological Sciences and Engineering and I was invited by the IIC to be a member of the editorial board of new international journal *Reviews in Conservation*.

I give regular media interviews and lectures to service organisations and community groups and run public workshops in Preventive and Metals Conservation for Edith Cowan University's *Certificate in Museum Studies*. From 1998-2004 a series of keynote addresses were presented at the Murdoch University Science Summer School for year 10 & 11 high school students. I was appointed to the Editorial board of *Conservation and Management of Archaeological Sites*. In 2007 I was a guest lecturer for the Murdoch University STAR program and gave a RioTinto sponsored talk on *Conservation Chemistry Science* to year 10-11 high school students in Northam, Tom Price, Carnarvon and Bunbury and reached more than 1200 students in one week. In 2009 the Murdoch University Science Summer School appointed me as plenary lecturer for their science communication program for year 10 and 11 students. On average I delivered 45 public talks a year at community groups or at conferences and workshops during my five-year term as Executive Director of the Fremantle Museums. In 2017 I was awarded the medal for Professional Practice by the WA Heritage Council and the ICOM-Committee for Conservation Silver medal for services to materials conservation.

Research Grants

The Lotteries Commission grant was given to the Swan Bells Foundation of which I am the chair. I was a principal investigator under Peter Veth for the ARC Historic Shipwrecks Preservation Project. The Synchrotron analysis of the de Vlamingh was a joint project with the National Gallery of Victoria (David Thurrowgood). The present study on the Hartog plate is a joint venture between the Rijksmuseum (Amsterdam), the Queen Victoria Museum in Launceston and the Western Australian Museum.

For all other grants, I was the applicant and awardee.

Year	Source	Value	Title
2017	Synchrotron	\$35,000	<i>XFM Study of the Hartog Plate</i>
2015	Lotteries Commission (WA)	\$300,000	ANZAC 100 th Anniversary memorial bell
2013	Synchrotron	\$35,000	<i>XFM Study of the de Vlamingh Plate</i>
2011	ARC Linkage	\$180,000 cash \$521,000 in kind	<i>Australian Historic Shipwreck Preservation Project: Clarence (1850)</i>
1994	British Council	\$2,600	<i>In-situ corrosion studies on a Cromwellian warship in Scotland</i>
1994	AIATSIS	\$10,856	<i>Microclimate modelling of rock art sites in the Kimberley Region of WA.</i>
1991	WA Heritage Council	\$24,000	<i>Microclimate studies and site management strategies II</i>
1990	AIATSIS	\$10,000	<i>Microclimate studies - effects of animal excreta on rock art.</i>
1990	National Estate Program	\$72,000	<i>Microclimate studies and development of site management programmes for conservation of rock art in West Kimberley Region of Western Australia.</i>
1988	ARC	\$18,000	<i>Conservation of wood-iron composite materials and pewter.</i>
1987	AIATSIS	\$11,150	<i>Conservation of rock art at McKay Caves</i>
1987	AIATSIS	\$6,750	<i>Conservation of rock art at Walga Rock</i>
1985	ARC	\$35,500	<i>Conservation and degradation of pewter and wood-iron composite materials recovered from historic shipwrecks'</i>

Career Highlights

- 2017** Awarded Professional Contribution medal by the WA Heritage Council. Work on the conservation of the fire ravaged Yarloop Railway Workshop museum. Work with *Nutopia Films* on bacterial corrosion of iron shipwrecks in Chuuk Lagoon, Federated States of Micronesia. Recording pH and E_h of Burrup rock art. Microenvironment analysis at an early bronze age mound at the Japanese Centre for Anatolian Archaeology at Kaman, Turkey. Awarded ICOM-CC Triennial medal at the XVIII Conference, Copenhagen.
- 2016** Developed and co-presented a 5-day metals in textile conservation workshop for the Queen Sirikit Textile Museum in Bangkok and quantified the impact of high temperatures and humidity on biodeterioration of textiles. I co-presented an AICCM Textile Working Group workshop in Sydney on treatment of composite metal and textile objects. Coordinated fund-raising for \$485,000 for a 6.5 tonne ANZAC Memorial bell for the Swan Bell Tower to commemorate the 100th anniversary of the ill-fated campaign. Solved accelerated corrosion of jetty piles at a yacht club as *Heritage Conservation Solutions*.
- 2015** Presented plenary lecture on in-situ conservation of the AE2 submarine in Istanbul and participated in the 100th anniversary ceremonies over the wreck site on board HMAS Anzac. Conducted field work and presented a course in application of micro-climate studies on the mineralogy and microbial activity on rock art sites in Mexico City. Elected to Honorary Professional Life Membership of the AICCM. Part time Ph. D. supervision of Susie Collis at the Grimwade conservation centre. Presented summary of in-situ conservation assessment and treatment of HMAS AE2 with sacrificial anodes at the concluding international workshop at the Maritime Museum in Istanbul in April. I also presented the Stanhope Oration at the annual national conference of the science teachers and school laboratory technicians association. Appointed community reference member for the University of WA Cultural Collections Board.
- 2014** Presented closing plenary lecture at the International Council of Museums' Committee for Conservation Triennial conference, Melbourne on *Innovative Australian conservators preserve heritage* and delivered three papers on aspects of applied conservation research. Elected to Life Membership of the Australasian Corrosion Association. Appointed as corrosion advisor to the USS Lexington (WWII) aircraft carrier search team. Presented a plenary lecture at a corrosion conference in Washington DC on historic aluminium artefacts. Featured in ABC TV *Catalyst* on AE2 submarine in the Sea of Marmara, Turkey.
- 2013** Awarded a Synchrotron grant with David Thurrowgood of the National Gallery of Victoria for access to the X-Ray Fluorescence Microscopy beam line for studying the de Vlamingh plate (1697). I presented the RACI-WA Division Bayliss Youth lecture titled *Chemists and Heritage Conservation* to Year 10-12 High School students in Western Australia and the Northern Territory. I was awarded a Fellowship of the Royal Society of Chemistry. I conducted a corrosion survey on the wreck of HMCS *Protector*, Heron Island, in the Great Barrier Reef. I took on co-supervision of Ph D candidate Maria Jacobsen, University of Haifa regarding the archaeology of the H. L. Hunley (1864) submarine site. Identified a 19th century high quality steel hand axe on ABC TV show *Somebody has been sleeping in my house*. I was appointed by Minister of Science and Innovation to a three member panel to review the operations of the Chemistry Centre of WA and our report has been presented to the Premier of WA.
- 2012** Appointed Editor of *Corrosion and Materials*, the journal of the Australasian Corrosion Association. I became a member of the management advisory committee for the Royal Australian Air Force Association Aviation Memorial Museum in Perth. Engagement with the *Clarence* (1850) site management and excavation - reburial team off St Leonard's, Port Phillip Bay under the auspices of the ARC Cooperative Research Centre on Historic Shipwrecks. Conducted a webinar on stainless steel corrosion in Beijing and a web based

tutorial for American high school students on redox and corrosion chemistry and a web enabled lecture on the conservation of the RMS Titanic at the Royal Institution in Adelaide. Delivered a one-week metals intensive training program to Masters' students that the University of Melbourne's Centre Cultural Materials Conservation program.

- 2011** Principal investigator in ARC Linkage Grant on "In-situ preservation of the *Clarence* (1850) shipwreck in Port Phillip Bay Victoria". Undertook the office of Past President of Australasian Corrosion Association and was Conference chair for the 18th International Corrosion Congress in Perth. Four months at the Getty Conservation Institute in Los Angeles studying the corrosion and conservation of shipwreck artefacts. Presented papers at the ICOM-CC conference in Lisbon on the glycerol treatment of sharks to replace ethanol and on the corrosion of wrecks in Lake Huron, Canada. I undertook a Significance assessment of the ecclesiastical textile collection at the Benedictine community at New Norcia, Western Australia which led to the modelling of treatment prioritisation matrices to assist in the effective management of their collection.
- 2010** Elected President of the Australasian Corrosion Association. Pre-prints committee member for ICOM-CC in Lisbon. Presented work on the Australian submarine AE2 (1915) at the Metal 2010 conference and conducted practical workshops at the Clemson University Conservation Centre in North Charleston. I also presented a paper on the corrosion of iron shipwrecks in Chuuk Lagoon to the NOAA international conference on WWII ocean risks from leaking oil, Newport News, Virginia in October. An *in-situ* corrosion survey of HMVS *Cerberus* showed its back is broken and that the *City of Launceston* is being conserved with anodes.
- 2009** Elected President of the WA Division of the Australasian Corrosion Association and national Vice President. Expert witness in Darlinghurst Supreme Court at the retrial of Phuong Ngo, for the murder of John Newman, MP. Program coordinator for AICCM National Conference in Fremantle, "Conservation of Public and Private Collections", Presented with award for Outstanding Contribution to Research in Materials Conservation by AICCM. Chair of symposium in Belgium on the conservation options for the historic former Antarctic research vessel the *Belgica*, lying wrecked in Norway.
- 2008** Appeared in the documentary *Gallipoli Submarine* with experimental work in Turkey and Australia. Provided commentary on the 4 Corners (ABC TV) program regarding the alleged murder weapon used in the assassination of John Newman MP in New South Wales. Appeared on French TV3 documentary *Phantoms de Chuuk* set in Federated States of Micronesia. External examiner for the University of Stockholm, on the chemistry of sulphur compounds in the Vasa (1628) shipwreck. I presented a plenary lecture on the application of long-term corrosion data to containment of nuclear wastes at the Gordon Corrosion Conference, New Hampshire. I taught a one-week metals conservation intensive at the Centre for Cultural Materials Conservation, University of Melbourne.
- 2007** Appointed Chair of the Swan Bells Foundation, member of the Fulbright Fundraising Committee for Western Australia which raised its \$1 million target in less than a year. Trained divers in conducting corrosion measurements on WWI submarine J5 off Port Phillip Heads. Undertook field measurements in Turkey on the AE2 submarine. Present Rio Tinto sponsored talks to high school students in regional and remote centres. Appointed to the USS Monitor (1862) International Conservation Advisory Panel and made a member of the ICOM-CC preprints team for New Delhi. Data collected on Japanese shipwrecks and aeroplanes in Chuuk Lagoon established new decay mechanisms, leading to improved heritage management outcomes.
- 2006** Appointed to the Editorial board of journal *Conservation and Management of Archaeological Sites*. Appointed corrosion advisor to the Submarine Institute of Australia for the AE2 Marine Archaeological Assessment in Turkey. Determined that the *City of Launceston* could be opened for controlled diving access. Taught a one week course in Metals Conservation for the

University of Melbourne Masters in Conservation program. I presented lectures and workshops for Old Dominion University in Norfolk, Virginia as part of the Distinguished Visiting Speaker program. Supervised and managed the move of two collection stores to the central museum facility in Welshpool.

- 2005** In-situ corrosion studies on HMVS *Cerberus* demonstrated a 25% increase in corrosion rate and the *City of Launceston* returned to its stable rate after experiencing increased decay due to archaeological intervention. I presented a five-day conservation of outdoor sculptures and monuments in Hong Kong workshop with Colin Pearson. Presented the first intensive on Metals Conservation at the University of Melbourne. Motivational speaker for emerging corrosion scientists at the 50th Anniversary conference of the ACA in Brisbane. Reviewed the conservation treatment of the turret, engine and condenser recovered from the USS *Monitor* (1862) at The Mariners Museum, Newport News, USA.
- 2004** Awarded the ***Corrosion Medal*** of the Australasian Corrosion Association for services to the profession and for services to public education and community awareness. Project managed the relocation of the WA Museum staff and collections from the asbestos contaminated 1970's building in Perth to a collections and research facility 9.5 km away in Welshpool. Work involved extensive engagement and planning with architects, HVAC and fire engineers with security advisors and collection management staff. Fortnightly reporting to the Director General, Department of Culture and the Arts, the chair of the Board of the Trustees of the museum and the Minister assisted in bringing the project in on time and within the \$11 million budget.
- 2003** Received a **Centenary Medal** from the Prime Minister for ***“For service to Australian Society in metallurgical science and engineering”***. Appointed to the Board of the Swan Bells Foundation by the Minister for Culture and the Arts. Presentations at ICCROM in Rome, at the Technological Educational Institution and at the IIC Hellenic Group in Athens. Presented a one-week intensive in the interpretation of corrosion processes on archaeological metals at the Institute for Conservation de Netherlands in Amsterdam. Inspection of corrosion processes on the wreck of the former HMAS Perth in Albany. The quantification of the impact of nitrate and sulphate ions on the acidification of rock surfaces in the Burrup peninsula. A new corrosion mechanism for turbulent wreck sites was developed from data collected on corroded silver coins from an 18th century Portuguese shipwreck.
- 2002** Elected to the Directory Board of the International Council of Museums – Conservation Committee in the Rio de Janeiro for a second term. Appointed to the Ministerial Burrup Rock Art Management Committee. Determined the impact of *in-situ* conservation techniques on the *James Matthews* wreck. Plenary lecturer at the International Congress on the Conservation and Restoration for Archaeological Objects in Nara, Japan. Initiated the first corrosion study of WWII Japanese wrecks in Chuuk Lagoon, Federated States of Micronesia.
- 2001** Expert corrosion witness during a murder trial in the Supreme Court of NSW regarding the immersion period of a Beretta pistol. Provided expert witness on iron corrosion in the Perth Magistrates court. Presented a four-week course on in-situ shipwreck conservation and micro-environmental analysis at Evttek Institute of Art & Design, Finland. Prepared the guided missile destroyer HMAS Perth for corrosion monitoring over the next 100 years.
- 2000:** Elected Fellow of the Australian Academy of Technological and Engineering Sciences (FTSE) and became a member of the Editorial Board of *Reviews in Conservation*. Delivered a speech at the opening of the 600 year-old *Bremen Cog* in Bremerhaven, Germany. Managed the handover of a conserved WWII PBY-5A Catalina at Hawkins, Texas. Published a review of rock art conservation in the inaugural issue of *Reviews in Conservation*.
- 1999:** Elected to the Directory Board of ICOM-CC and Assistant Coordinator, Metals Working Group. Appointed a board member of the Australian American Catalina Memorial Foundation and coordinated the conservation of a WWII PBY5A Catalina in Hawkins, East Texas, USA. Conducted *in-situ* corrosion studies on silver coins from the 18th century wreck the *San Pedro*

- del Alcantara* in the Atlantic Ocean in Portugal. Presented at the planning seminar for the recovery of the confederate submarine *HL Hunley* (1864), Charleston, South Carolina, USA.
- 1998** Presented at the *Metal '98* conference in France and conducted *in-situ* studies on cannon and anchors on the wreck of the *Swan*, Duart Point, Scotland. Reviewed corrosion management strategies through *in-situ* measurements on the *City of Launceston* and HMVS *Cerberus* in Port Phillip Bay. Assessed the condition of a WWII Catalina undergoing restoration in Texas.
- 1997** Awarded Public Sector Management Office Scholarship for *Skills for an Effective Manager*, School of Management, Curtin University and obtained a Distinction. Conducted contracted *in-situ* corrosion studies on iron and composite wood-iron wrecks in Gulf St Vincent and Spencer Gulf in South Australia and on the *City of Launceston* in Victoria. Expert witness at an International Arbitration Court in Kuala Lumpur for the Malaysian Government regarding the conservation of materials from the wreck of the *Diana* (1817).
- 1996** Delivered applied research papers at the International Institute for Conservation conference in Copenhagen, the ICOM-CC meeting in Edinburgh and at the ICOM-CC Waterlogged Archaeological Organic Materials Conference in York. I delivered a lead paper at the 13th International Corrosion Congress in Melbourne on the corrosion of the wreck of HMVS *Cerberus* (1926). Performed corrosion measurements on the *Clan Ranald* (1909) wreck and the *Willyama* (1907) in Investigator Strait, South Australia.
- 1995** Performed an *in-situ* corrosion survey of a series of historic iron shipwrecks in Investigator Strait, South Australia discovering systematic differences in the rate of corrosion, which were dependent on alloy composition. Provided conservation advice on the corrosion of bronzes in the National Museum of Cambodia in Phnom Penh with a UNESCO-ICCROM team of heritage consultants.
- 1994** Awarded an AIATSIS grant for *Microclimate modelling of rock art sites in the Kimberley Region of WA* and a British Council travel grant to perform *in-situ* corrosion studies on the wreck of the *Swan*, a Cromwellian frigate that sank off the Isle of Mull in 1653. Completed the treatment of a carronade from HMS *Sirius* (1790) on Norfolk Island. Performed a corrosion survey of the wreck of HMVS *Cerberus* in Port Phillip Bay and established the method of determining the original thicknesses of metal structures.
- 1993** Awarded a Senior Fulbright Fellowship for study at the Smithsonian Institution and participation in conferences in the United States of America and assessed the wreck of the *USS Arizona* in Pearl Harbour, Hawaii. In Lake Huron I conducted *in-situ* corrosion studies in the Fathom Five National Park at Tobermory. This established the corrosion mechanisms of historic iron-fastened wooden wrecks in cold, fresh water. Elected coordinator of the ICOM-CC Metals Working Group and presented papers at the Waterlogged Archaeological Organic Materials conference in Portland, Maine. Consultant on the conservation of materials just recovered from the wreck of the RMS *Titanic*.
- 1992** Established the methodology for *in-situ* corrosion studies of wrecked barges and paddle steamers in zero-visibility conditions of the River Murray in South Australia. The results of rock art research in the Kimberley region of WA were presented at the Second International Rock Art Conference in Cairns, Queensland. Established model for prediction of desalination rates for corroded iron cannon and how the shipwreck can be dated from the chloride extraction kinetics.
- 1991** Awarded a Western Australian Heritage Council grant for *Microclimate studies and site management strategies II* for wet season rock art conservation research in the West Kimberley Region. Data from shipwrecks in Port Philip Bay established the applicability of corrosion measurements to the management of iron shipwrecks in cool seawater. I presented a paper on corrosion and conservation of ships' fastenings at the Getty Museum conference on Ancient and Historic Metals in Los Angeles, USA.
- 1990** Awarded an AIATSIS grant for *Microclimate studies - effects of animal excreta on rock art*. Presentations to conservators in London, York and at the ICOM-CC conferences in Bremerhaven and Dresden. I was elected coordinator of the ICOM-CC Metals Working Group

and chaired the UNESCO–UNDP of ASEAN Heads of Conservation meeting in Bangkok. Awarded Honorary Life Membership of the Australian Institute for the Conservation of Cultural Materials.

- 1989** Conducted a series of museum assessments and conservation workshops during a four-week UNESCO-UNDP Consultancy while based at the National Museum of the Philippines in metro-Manilla. Interviewed for the ABC Radio Science Show regarding iron corrosion, phosphorus impurities and their effects on concretion formation. I participated in the ABC TV and Science Bookshop interviews on conservation of underwater archaeological sites.
- 1988** Presentation plenary at the 3rd Australasian Archaeometry Conference, Adelaide on the Archaeometallurgy of 19th century shipwreck fastenings. Delivered the P.F. Thomson Memorial Lecture on *'Marine corrosion on historic shipwrecks and its application to modern materials'* and the paper "*Conservation of corroded concreted iron*" at the Australasian Corrosion Association Bicentennial Conference in Perth, Western Australia.
- 1987** Elected fellow of the International Institute for the Conservation of Historic and Artistic Works (FIIC). Organised the first combined meeting of the ICOM-CC metals and waterlogged organic archaeological materials working groups in Fremantle. Presented papers on rock art, metals conservation and desalination of ceramics at the ICOM-CC Triennial Conservation Conference, Sydney and at the ICOMOS Built in Wood Conference, in Brisbane. I was awarded an ARGS continuation grant for research into pewter and composite object conservation. Awarded Australian Institute of Aboriginal and Torres Strait Islander Studies (AIATSIS) grant for conservation work on rock art at MacKay Caves and for conservation studies of the rock art at Walga Rock. Awarded a National Estate Program grant for a four-year program on *Microclimate studies and development of site management programs* for conservation of rock art in West Kimberley Region of Western Australia.
- 1986** Elected fellow of the Royal Australian Chemical Institute (FRACI). I presented on the ABC Science program *Quantum* on the use of oxygen isotope ratios in barnacles to determination of the seawater temperatures and to track the voyage of a ship in 1811. Chemical analysis of wines provided an insight into the American China trade before the 1812 war with Canada.
- 1985** Awarded a three-year Australian Research Grants Scheme (ARGS) grant to study the *Conservation and degradation of pewter and wood-iron composite materials recovered from historic shipwrecks*.
- 1984** Bayliss Youth Lecturer, Royal Australian Chemical Institute (WA Branch) which involved presenting the address "*Conservation Chemistry*" around Western Australia to year 10 & 11 high school chemistry students. Attended the ACA Conference at Rotorua, New Zealand and presented on the effects of concretion on the corrosion of non-ferrous metals. Conducted a feasibility study on relocation of the vessel *Edwin Fox* to Western Australia.
- 1980** Joint award with Neil North for the Best Research Paper at Conference 19 - Australasian Corrosion Association, Perth 1979 for the paper entitled "*350 years of marine corrosion in Western Australia*."

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Proposed Technical Ammonium Nitrate Production Facility (EPBC 2008/4546)

Consolidated Approval Notice Condition 10A, On-going Rock Art Monitoring

METHODOLOGY

For 10 years (2004 to 2013), petroglyphs at seven specially selected sites (chosen under the guidance of indigenous elders) in the Burrup Peninsula were measured using colour and reflectance spectroscopy measurements. Three spots on each engraving and three spots on each background rock were measured *in situ* using a portable photospectrometer for colour measurement and a reflectance spectrometer for visible and near infrared analysis. In 2014, the rock art monitoring project expanded at the request of Yara Pilbara Nitrates Pty Ltd (YPNPL). The company was building a Technical Ammonium Nitrate (TAN) Production Facility Project (TAN) on the Burrup Peninsula, and to adhere to the requirements of the Environment Protection and Biodiversity Conservation Act 1999, YPNPL needed to engage a heritage monitor to survey the rock art sites within a two kilometre radius of the project site. CSIRO had been a heritage monitor for the then West Australian Government "Department of Environment Regulation (DER)", now the Department of Water & Environment Regulation (DWER) for the monitoring of the Burrup petroglyphs for the last decade and was considered appropriate to be the heritage monitor for YPNPL.

The rock art study dedicated for the TAN Project required the heritage monitoring of petroglyphs sites within 2km of the plant site. Selected sites were determined in consultation with members of Murujuga Aboriginal Corporation to respect the cultural laws of the traditional owners for the entitlement of access. The selected petroglyphs were firstly evaluated for their appropriateness for scientific study, including petroglyph size and quality, direction of exposure, elevation, dominant and wind direction. From the six selected monitoring sites, three were already part of the decade-old and ongoing Burrup Rock Art Technical Working Group (BRATWG) monitoring program and an additional three sites were also selected. After initial monitoring in February 2014, the three new sites have become part of the BRATWG monitoring program. As well as the three new sites, an extra spot (both engraving and background) was added on each monitored petroglyph panel, bringing the total to eight sampling spots (four areas classified as 'engraving' and four areas classified as 'background') to increase the accuracy of future statistical analysis of measurements.

Proposed methodology for 2017 rock art monitoring to ensure compliance with Condition 10 of EPBC 2008/4546:

The six sites previously sampled are as follows:

Site name	Coordinates (GDA 94, Zone 50)	
Burrup Rd	475,959	7,719,771
Water Tanks	477,698	7,720,137
Deep Gorge	477,956	7,717,987
Yara West	476,558	7,719,223
Yara North East	479,112	7,720,155
Yara East	478,849	7,719,565

At each of these sites, and in the same locations as previous sampling, measurements will be taken as follows:

1. Colour and colour contrast

Spectrophotometry. Colour measurements will be collected by the use of a portable, hand-held spectrophotometer that measures the degree of lightness (L^*), degree of red/green (a^*) and degree of yellow/blue (b^*) to provide a tri-stimulus value (3D $L^*a^*b^*$) for each sample point on the specimens. Differences in 3D values across time can be numerically evaluated to identify potential changes in colour.

2. Mineralogy

Reflectance spectrography. A portable spectrometer operating over a 400 to 2500nm wavelength range will be used. An internal light source will be used to irradiate the surface of the rocks, with the reflected light detected by an array of photodiodes. A spectrum of reflectance vs wavelength is generated for each monitoring point on the surface of the rocks, which is then compared to previously collected data from the same points on the same rocks. Changes in the spectra are an indicator of changes in the mineralogy of the rock surface.

Data Analysis Australia review, conclusions and responses

In 2017 DWER commissioned Data Analysis Australia (DAA) to undertake a review of CSIRO work to date (Henstridge *et al* 2017). In terms of the recommendations that were made by Data Analysis Australia in 2016, the following summarises compliance with responses in ***bold italic***:

1. *The historical data collected by the CSIRO should be systematically archived and held by DER, with consistent naming conventions, both to provide a baseline record and to facilitate comparisons with future data. The archival data format should enable ready access to the data via standard statistical software such as R.*

We would describe this as **largely** met:

- The management of the data appears to have improved considerably, although it is not perfect in that the metadata – details of how the data was collected and hence what the data might therefore mean – is not systematically available.

This will be rectified in the current study. Detailed records will be kept on data collection according to scientific norms.

- We remain concerned that there are undocumented features of the data collection process that should be taken into account in any analysis. For example, the substantial year-to-year variation in the ASD data is only partially explained by the differences in recording practices described in the Reports, and the descriptions that do exist are not always consistent.

This will be taken into account.

2. *The CSIRO should be asked to revisit the cross-calibration issues with the BYK and KM spectrophotometers, both to ensure that the historical data is properly understood and to confirm whether or not the historical BYK data is capable of comparison with current and future measurement instruments.*

We would describe this as being **not addressed** in the Draft Report:

- The cross validation methodology for the BYK data has not been revised and is still deficient. The Draft Report appears ambivalent about the utility of the BYK data.
- Whilst the Executive Summary does state “the BYK spectrophotometer data appears unreliable for drawing conclusions on colour change in the rock art”, the data is still given undeserved prominence in the report and the ASD colour data is not discussed as a credible replacement.
- However we suggest that the first part of this recommendation from 2016 concerning the cross calibration should not be given high priority as one solution may be to largely drop reference to the BYK data.

This will be taken into account. Consideration will be given to taking two readings for every point using firstly the previous BYK instrument and then the KM instrument to allow comparison of contemporaneous readings. This will also allow comparison across historical data sets.

3. *An analysis similar to that of Black and Diffey should be conducted using verified ASD estimates of L^* , a^* , b^* , ideally using the original ASD spectra rather than the averaged spectra.*

We would describe this being only **partially** met:

- The analysis in the Draft Report does use linear mixed models as suggested by Black and Diffey. However this is poorly reported and not convincing. Whilst the conclusion given in the Draft Report is that there is no evidence of relevant changes to the rock art in the areas close to the industrial development, it remains arguable that a more careful analysis would demonstrate changes.

This will be addressed in the analysis of data collected in the field.

4. *Future work by the CSIRO should be based upon an agreed analysis plan certified by a competent statistician. Since each year the CSIRO reports have covered the full data set since 2004, it would be appropriate for the next published report to incorporate this improved analysis and in doing so, make it clear that it should replace the analyses in their previous reports.*

We would describe this as **not** being met:

- No formal analysis plan appears to exist. The analysis methods in Chapters 4 and 5 of the Draft Report are essentially unchanged.

Noted, once data has been collected consideration will be given to commissioning a competent statistician to certify the analysis.

5. *Consideration should be given to expanding the number of measured sites and in doing so, improving the balance of the design to include more effective controls, if feasible.*

We would describe this as **not** being met:

- No change has been made to expanding the data collection or to include improved controls, although we recognise that the time of the data collection in 2016 meant it could not be affected by our 2016 Recommendations.

- The Draft Report does not discuss possible changes to the design of the data collection.
This will be addressed through consultation with Murujuga Aboriginal Corporation. Consideration will be given to expanding the data set by data collection at additional rock art sites.

7. *To maintain scientific rigour, future data collection should follow a fully documented and detailed protocol, and ensure that departures are documented.*

We would describe this as **not** being met:

- Documentation of the data collection protocol does not appear to have improved.
Documentation of the data collection protocol will be improved and will meet international scientific norms and benchmarks.

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2021 Annual Compliance Report
EPBC 2008/4546
Technical Ammonium Nitrate Plant

04-10-2021 600-200-ACR-YPN-0010 Rev 0

Attachment 10A(b): Letter from Department regarding the Continuation of the Current Rock Art Monitoring Methodology



Australian Government
**Department of Agriculture,
Water and the Environment**

Contact Officer: Nathan O'Brien
Telephone: (02) 6275 9682

Our reference: EPBC2008/4546
Email: EPBCmonitoring@awe.gov.au

Mr Ty Hibberd
Heath, Environment, Safety & Quality Manager
Yara Pilbara
Level 5, 182 St Georges Terrace
Perth, WA 6000

EPBC 2008/4546 Yara Pilbara Rock Art Monitoring

Dear Mr Hibberd

I am writing to you in relation to your letter dated 5 August 2019 seeking approval to modify the rock art monitoring method for the approved Technical Ammonium Nitrate Production Facility (EPBC 2008/4546).

As you are aware, the Western Australia Government is still working through the development of a conceptual model and scope of the rock art monitoring studies that will ultimately inform the Western Australian Government's rock art monitoring program. Without a finalised state methodology, Yara will undertake its fourth year of the interim rock art monitoring in accordance with condition 10 of the EPBC Act approval.

The Department of Agriculture, Water and Environment (the Department) has reviewed Yara Pilbara Nitrates' proposal, including the justification to remove the ASD Spectrophotometer from the monitoring method. I understand the remaining elements of the proposal are consistent with previous years' monitoring and that Yara continues to address the recommendations of the Data Analysis Australia (DAA) report.

The Department has sought advice from the Department of Water and Environmental Regulation (DWER) and the Murujuga Rock Art Stakeholder Reference Group (MRASRG) to determine if Yara Pilbara Nitrates' modified proposal will be consistent with the Western Australian Government's rock art monitoring program that is currently in development. As the Western Australian Government's monitoring program is still in development, it is unclear whether it will include use of the ASD Spectrophotometer.

To this end, it is the Department's preference that the monitoring methodology remains consistent with the method previously approved pursuant to condition 10 to enable comparison of the monitoring data over time, and therefore your request for variation of the methodology is not approved.

Section 142 of the EPBC Act requires an approval holder to comply with conditions attached to an approval. The Department may decide to issue Infringement Notices of up to \$13,320 for each contravention of approval conditions. Other enforcement powers available to the Department following a contravention of approval conditions include a directed variation to conditions or a directed audit, under sections 143(1)(a) and 458 of the EPBC Act respectively.

Please contact Nathan O'Brien (details above) if you have any questions regarding the Department's decision on your request to vary the rock art monitoring methodology.

Yours sincerely



Monica Collins
Chief Compliance Officer
Environment Compliance Branch

25 September 2020



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Technical Ammonium Nitrate Plant

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Attachment- Site Photos



Condition 8: 2.5 m chain link perimeter fence and signage near western perimeter emergency exit (south side)



Condition 8: 2.5 m chain link perimeter fence and signage near western perimeter emergency exit (north side)



Condition 8: 2.5 m chain link perimeter fence and signage near Integration Road (entrance/exit)



Condition 8: 2.5 m chain link perimeter fence and signage near main entrance/exit



Condition 8: 2.5 m chain link perimeter fence and signage near truck parking entrance/exit



Condition 8: 2.5 m chain link perimeter fence and signage near northern perimeter emergency exit (east side)



Condition 8: 2.5 m chain link perimeter fence and signage near north western pedestrian gate