



Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Nyobolt Limited

Pilot Facility

Unit 1a and b

Homefield Road

Homefield Industrial Estate

Haverhill

CB9 8QP

Permit number

EPR/DP3823LR

Nyobolt Limited

Permit number EPR/DP3823LR

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

Nyobolt Limited has been permitted under The Environmental Permitting (England and Wales) Regulations 2016 to operate a low impact installation at Unit 1a and b, Homefield Road, Haverhill, CB9 8QP. The national grid reference (NGR) for the facility is TL6627344544.

The installation is permitted for the following activity:

Section 4.2 Part A(1)(a)(v) – Producing inorganic chemicals such as metal oxides – within the low impact installation criteria.

Nyobolt have developed a process to produce a metal oxide known as product A by combining the raw materials niobium pentoxide and tungsten oxide. This is a pilot facility and uses very low amounts of raw materials for processing at any given time. The raw materials are milled, mixed, dried, baked, deagglomerated and blended to the final material specification of the product A.

The process does not require addition of any chemicals or organic additives. Product A will be produced to meet the standards for use in anode manufacturing industry and battery manufacturing sector.

The directly associated activities include storage of final product and handling of low volume aqueous wastes. The application meets the criteria for low impact installation.

There is one emission point to air from the furnace. There are no emissions to surface water or groundwater from this site.

There is one local nature reserve (LNR) at a distance greater than 1.4km from the site and several local wildlife sites (LWS) at the distance greater than 0.7km from the site.

The site is not located within an Air Quality Management Area (AQMA).

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

| Status log of the permit | | |
|------------------------------------|-------------------------|--|
| Description | Date | Comments |
| Application EPR/DP3823LR/A001 | Duly made 02/10/2024 | Application for a new bespoke low impact installation permit |
| Additional information received | 06/11/2024 | A revised commercial confidentiality request with updated documents. |

| Status log of the permit | | |
|-----------------------------------|-------------|-----------------------------------|
| Description | Date | Comments |
| Permit determined EPR/DP3823LR | 14/11/2024 | Permit issued to Nyobolt Limited. |

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/DP3823LR

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Nyobolt Limited (“the operator”),

whose registered office is

Unit 2 Evolution Business Park

Milton Road

Impington

Cambridge

CB24 9NG

company registration number 11863045

to operate an installation at

Pilot Facility

Unit 1a and b

Homefield Road

Homefield Industrial Estate

Haverhill

CB9 8QP

to the extent authorised by and subject to the conditions of this permit.

| Name | Date |
|----------------------|-------------------|
| Sandra Cavill | 14/11/2024 |

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated in accordance with the low impact installation criteria specified in the Environment Agency’s environmental permit application form guidance notes at the time the permit application was duly made and using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3, table S3.1.

3.1.2 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any

approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date as agreed in writing by the Environment Agency) each year. The report shall include as a minimum:

- (a) a review of the results of the actual and anticipated operation of the installation against the low impact criteria issued by the Environment Agency at the time of the review;
- (b) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule;
- (c) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.

4.2.3 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days' notice before implementation of any part of the site closure plan.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

| Table S1.1 activities | | | |
|-------------------------------------|---|--|--|
| Activity Reference | Activity listed in Schedule 1 of the EP Regulations | Description of specified activity | Limits of specified activity |
| AR1 | Section 4.2 Part A(1)(a)(v) Producing inorganic chemicals such as non-metals, metal oxides, metal carbonyls or other inorganic compounds | Production of metal oxide through a series of processes including heating, mixing, size reduction, drying, formation, deagglomeration and homogenization. | Production of Metal Oxide. From receipt of raw material to process, packaging and dispatch off-site of final product. <u>Low impact installation criteria</u> specified in the Environment Agency's environmental permit application form at the time the permit application was duly made. |
| Directly Associated Activity | | | |
| AR2 | Electric furnace | For use in the production process with energy consumption rate of 0.4MW approximately. | Energy consumption rate less than 3MW. |
| AR2 | Aqueous waste handling | Aqueous waste handling from cleaning process including reuse of water where viable. | Reuse of water and dispose off-site (that which cannot be reused) with process releases no more than 50m ³ /day. |
| AR3 | Cyclone filtration system | In-house cyclone filtration system to recover the fines to be reintroduced back into the production process to maximise efficiency and minimise losses of raw materials. | Collection of fines from the process to be reintroduced back into production process. |
| AR5 | Mobile extraction system | Internal localised extraction by a movable and mobile piece of equipment to vacuum fines generated during unloading of materials into tanks and collection of any spillages. | For the protection of workers during operation. Extraction and collection of material fines into drums for reintroducing these back into the process where possible, to minimize losses. |

| Table S1.2 Operating techniques | | |
|--|--|-------------------------|
| Description | Parts | Date Received |
| Application Bespoke | <ul style="list-style-type: none"> • Nyobolt Low Impact Installation Technical Note – October 2024 • Operating Techniques titled 'Nyobolt Limited, Production of Metal Oxide, Operating Techniques October 2024' • Amenity and Accident Risk Assessment October 2024 - Table 3.1 and Table 3.2 • Best Available Techniques Assessment October 2024 | Duly made 02/10/2024 |

Schedule 2 – Waste types

No waste types are permitted for acceptance at the installation.

Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---------------|-------------------|-------------------------------|-------------------------|-----------------------------|--|
| Emission point ref. & location | Source | Parameter | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
| Emission point A1, marked as 'Point A1' on site plan in Schedule 7 | Furnace | Niobium Pentoxide | No limits set | None set | Annual | BS EN 14385 <u>For total metals</u> |
| | | Tungsten oxide | | | | |

Schedule 4 – Reporting

| Parameter | Emission or monitoring point/reference | Reporting period | Period begins |
|---|--|---|---------------|
| Point source emissions to air Parameters as required by table S3.1 | A1 | First reporting after commissioning of the plant and thereafter annually. | 1 January |

| Parameter | Frequency of assessment | Units |
|-----------|-------------------------|--------|
| Product A | Annually | tonnes |

| Parameter | Frequency of assessment | Units |
|-------------------------|-------------------------|----------------|
| Water usage | Annually | m ³ |
| Energy usage | Annually | MWh |
| Aqueous waste generated | Annually | tonnes |

| Parameter | Reporting form | Form version number and date |
|----------------------------------|--|------------------------------|
| Point source emissions to air | Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |
| Water usage | Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |
| Energy usage | Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |
| Other performance parameters | Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency | Version 1, 08/03/2021 |
| Low impact installation criteria | Compliance with Low Impact Installation Criteria Reporting Form, or other form as agreed in writing by the Environment Agency. | 14/11/2024 |

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

| | |
|--------------------------------|--|
| Permit Number | |
| Name of operator | |
| Location of Facility | |
| Time and date of the detection | |

| | |
|---|--|
| (a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution | |
| To be notified within 24 hours of detection | |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |

| (b) Notification requirements for the breach of a limit | |
|---|--|
| To be notified within 24 hours of detection unless otherwise specified below | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |
| Measures taken, or intended to be taken, to stop the emission | |

| Time periods for notification following detection of a breach of a limit | |
|---|----------------------------|
| Parameter | Notification period |
| | |
| | |
| | |

| (c) Notification requirements for the breach of permit conditions not related to limits | |
|--|--|
| To be notified within 24 hours of detection | |
| Condition breached | |
| Date, time and duration of breach | |
| Details of the permit breach i.e. what happened including impacts observed. | |
| Measures taken, or intended to be taken, to restore permit compliance. | |

| | |
|--|--|
| (d) Notification requirements for the detection of any significant adverse environmental effect | |
| To be notified within 24 hours of detection | |
| Description of where the effect on the environment was detected | |
| Substances(s) detected | |
| Concentrations of substances detected | |
| Date of monitoring/sampling | |

Part B – to be submitted as soon as practicable

| | |
|--|--|
| Any more accurate information on the matters for notification under Part A. | |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident | |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission | |
| The dates of any unauthorised emissions from the facility in the preceding 24 months. | |

| | |
|-----------|--|
| Name* | |
| Post | |
| Signature | |
| Date | |

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“low impact installation” means a Part A(1) installation which, in the opinion of the Environment Agency, cannot result in emissions or there is no likelihood that it will result in emissions except in a quantity which is so trivial that it is incapable of causing pollution or its capacity to cause pollution is insignificant. The low impact installation criteria are those specified in the Environment Agency’s environmental permit application form at the time the permit application was duly made.

“year” means calendar year ending 31 December.

Reporting Forms

These reporting forms do not form a part of the permit

Emissions to Air Reporting Form

Permit number: EPR/DP3823LR

Operator: Nyobolt Limited

Facility name: Pilot Facility

Emissions to Air Reporting Form: version 1, 08/03/2021

Reporting of emissions to air for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

| Emission point | Substance / parameter | Emission Limit Value | Reference period | Test method ¹ | Result ² | Sample dates and times ³ | Uncertainty ⁴ |
|-----------------------|--|------------------------------------|-----------------------------|---------------------------------|----------------------------|--|---|
| <i>[e.g. A1]</i> | <i>[e.g. Oxides of nitrogen (NO and NO₂ expressed as NO₂)]</i> | <i>[e.g. 200 mg/m³]</i> | <i>[e.g. daily average]</i> | <i>[e.g. BS EN 14181]</i> | <i>[State result]</i> | <i>[State relevant dates and time periods]</i> | <i>[State uncertainty if not 95% confidence interval]</i> |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

| Emission point | Substance / parameter | Emission Limit Value | Reference period | Test method ¹ | Result ² | Sample dates and times ³ | Uncertainty ⁴ |
|----------------|-----------------------|----------------------|------------------|--------------------------|---------------------|-------------------------------------|--------------------------|
| | | | | | | | |

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your monitoring results.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Complete columns 1 to 5 using the information from schedule 3 of your permit. Complete columns 6 to 8 with your monitoring data. Add additional rows as necessary.

- ¹ Where an internationally recognised standard test method is used, give the reference number. Where another method that has been formally agreed with the Environment Agency, give the appropriate identifier. In other cases state the principal technique, for example gas chromatography.
- ² Give the result as the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, give the result as the 'minimum to maximum' of the measured values.
- ³ For non-continuous measurements give the date and time of the sample that produced the result. For continuous measurements give the percentage of the process operating time covered by the result.
- ⁴ Complete if the uncertainty associated with the result is not a 95% confidence interval. Leave blank for 95% confidence intervals.

Water Usage Reporting Form

Permit number: EPR/DP3823LR

Operator: Nyobolt Limited

Facility name: Pilot Facility

Water Usage Reporting Form: version 1, 08/03/2021

Reporting of water usage for the year [YYYY]

| Water source | Water usage (m ³) | Specific water usage (m ³ /unit) ² |
|---|--|---|
| Mains water | <i>[insert annual usage in m³ where mains water is used]</i> | <i>[insert annual usage in m³/unit where mains water is used]</i> |
| Site borehole | <i>[insert annual usage in m³ where water is used from a site borehole]</i> | <i>[insert annual usage in m³/unit where water is used from a site borehole]</i> |
| River abstraction | <i>[insert annual usage in m³ where abstracted river water is used]</i> | <i>[insert annual usage in m³/unit where abstracted river water is used]</i> |
| Other – <i>[specify other water source where applicable. Add extra rows where needed]</i> | <i>[insert annual usage in m³ where applicable]</i> | <i>[insert annual usage in m³/unit where applicable]</i> |
| Total water usage | <i>[insert total annual water usage in m³]</i> | <i>[insert total annual water usage in m³/unit]</i> |

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual water usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

Energy Usage Reporting Form

Permit number: EPR/DP3823LR

Operator: Nyobolt Limited

Facility name: Pilot Facility

Energy Usage Reporting Form: version 1, 08/03/2021

Reporting of energy usage for the year [YYYY]

| Energy source | Energy consumption / production (MWh) | Specific energy consumption (MWh/unit) ² |
|---|---|--|
| Electricity imported as delivered - source [specify source, e.g. supplied from the national grid] | <i>[insert annual consumption in MWh where electricity is imported]</i> | <i>[insert annual consumption in MWh/unit where electricity is imported]</i> |
| Electricity imported as primary energy 1 – conversion factor of [specify conversion factor used to convert electricity delivered to primary energy] | <i>[insert annual consumption in MWh where electricity is imported]</i> | <i>[insert annual consumption in MWh/unit where electricity is imported]</i> |
| Natural gas | <i>[insert annual consumption in MWh where natural gas is used]</i> | <i>[insert annual consumption in MWh/unit where natural gas is used]</i> |
| Gas oil – conversion factor of [specify conversion factor used to convert tonnes to MWh] | <i>[insert annual consumption in MWh where gas oil is used]</i> | <i>[insert annual consumption in MWh/unit where gas oil is used]</i> |
| Imported heat | <i>[insert annual consumption in MWh where heat is imported]</i> | <i>[insert annual consumption in MWh/unit where heat is imported]</i> |
| Other – <i>[specify other energy source and conversion factors where applicable, e.g. renewable fuel. Add extra rows where needed]</i> | <i>[insert annual consumption in MWh where applicable]</i> | <i>[insert annual consumption in MWh/unit where applicable]</i> |
| Electricity exported | <i>[insert annual production in MWh where electricity is exported]</i> | Not applicable |
| Heat exported | <i>[insert annual production in MWh where heat is exported]</i> | Not applicable |

Operator's comments**Signed:** *[Name]***Date:** *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your annual energy usage.

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. Add additional rows as necessary.

¹ Multiply delivered electricity by 2.4 to convert to primary energy where the electricity is supplied from the national grid. If the electricity is supplied from another source, specify the conversion factor used. Add additional rows as needed if electricity is imported from multiple sources.

² Divide energy consumption by an appropriate unit of raw material processed or product output.

Other Performance Parameters Reporting Form**Permit number:** EPR/DP3823LR**Operator:** Nyobolt Limited**Facility name:** Pilot facility**Other Performance Parameters Reporting Form: version 1, 08/03/2021**Reporting of other performance parameters for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

| Parameter | Units |
|--|--|
| <i>[e.g. Total raw material usage]</i> | <i>[e.g. tonnes per production unit]</i> |
| | |
| | |
| | |
| | |
| | |
| | |

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report the performance parameters (other than water and energy) required by your permit. Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information. The parameters to report and units to be used can be found in the 'Performance parameters' table in schedule 4 of your permit. Add additional rows as necessary.

Permit Reference Number:

Operator:

Installation:

Compliance with Low Impact Installation Criteria Reporting Form

Permit number: EPR/DP3823LR

Operator: Nyobolt Limited

Facility name: Pilot facility

Compliance with Low Impact Installation Criteria Reporting Form: 14/11/2024

Reporting of other performance parameters for the period from [DD/MM/YY] to [DD/MM/YY]

| Criteria | Description | Demonstration of Compliance |
|---------------------------------------|---|-----------------------------|
| A. Management Techniques: | All of the criteria described below must be met without having to rely on significant management effort. In other words, the installation intrinsically must have only a low environmental impact, including under start up, shut down, or abnormal operating conditions. | |
| B. Wastewater: | The installation must not release more than 50m ³ per day of water from process activities conducted at the installation giving rise to effluent. No account need be taken of the volume of water exported from the installation as product. Characterise and quantify any aqueous effluents released from the installation on a daily basis and provide justification that the installation releases no more than 50 m ³ per day of water from process activities. | |
| C. Abatement Systems/releases to air: | The installation must comply with the criteria in this guidance without having to rely on active abatement for releases to the environment outside of any buildings. Releases must not be dependent on continuing or correct operation of equipment, where failure of active pollution prevention systems could result in an unacceptable external release. For example, if the installation depends on active abatement in the form of scrubbers, filters or electrostatic precipitators to achieve the releases to the environment set out in this guidance, it unlikely that it can be treated as having only a low potential for impact. However, abatement systems installed solely for the protection of workers (where abatement is not to attenuate external environmental releases) need not be included in this assessment. | |
| D. Emissions to groundwater: | There must be no planes or fugitive emission from the permitted installation into the ground, or any soakaway. This does not preclude the discharge of clean rainwater run-off into soakaways. | |

| Criteria | Description | Demonstration of Compliance |
|---------------------------------------|---|-----------------------------|
| E. Waste Production: | The installation must not give rise to more than 1 tonne of controlled waste per day, averaged over a year, with not more than 20 tonnes being released in any one day. No more than 1% must be special waste. | |
| F. Energy consumption: | The installation must not product more than one tonnes of waste or 10 tonnes of hazardous waste per day, averaged over a year, with not more than 20 tonnes of waste or 200 kg of hazardous waste being produced in any one day. | |
| G. Accident Prevention: | The installation must no consume energy at a rate greater than 3MW or, if the installation uses a combined heat and power installation to supply any internal process heat, 10MW. These limits apply to the sum of energy imported as electricity and produced on site through the combustion of fuels. | |
| H. Noise: | There must be only a low potential for causing offence due to noise. An installation will not be considered as a low impact installation if it may give rise to noise noticeable outside the installation boundary. This requires the exercise of judgement, taking account of any history of noise complaint arising from the installation and consideration of the likely offsite noise levels and proximity of sensitive receptors. Describe the main sources of noise from the installation, the nearest noise sensitive locations any relevant noise measurement surveys which have been undertaken; and the proposed techniques and measures for the control of noise. Provide justification that there is only a low potential for offence due to noise. | |
| I. Emissions of polluting substances: | Justify that there will be no likelihood of a release to the environment of any particular substance from the whole installation at a rate greater than that determined as insignificant as set out in our guidance note (see <u>Control and monitor emissions for your environmental permit - GOV.UK</u>). Describe the nature, quantities and sources of foreseeable emissions from the installation. | |

| Criteria | Description | Demonstration of Compliance |
|------------------------|---|-----------------------------|
| J. Odour: | There must be only a low potential for giving offence due to odour. An installation will not be considered as a low impact installation if it may give rise to an offensive smell noticeable outside the installation boundary. This requires the exercise of judgement, taking account of any history of odour complaint from the installation and whether this class of activity is known by experience to give rise to smells. A significant possibility or actual history of excursions or fugitive emissions, for example from stored materials, would suggest that the installation could not be treated as having a low impact. Provide details of potential sources of odour from the installation, for example from stored materials, and justify that there is only a low potential for offence due to odour. | |
| K. Compliance history: | If any of the following enforcement actions have taken place at the same installation under the same management (and where appropriate, have not been overturned on appeal), then it will not normally be considered further as a low impact installation: Prosecution* Formal caution* Suspension notice* Enforcement notice relating to an actual or potential environment incident* *(All under EPR or the equivalent under previous environmental regimes) | |

Signed: [Name]

Date: [DD/MM/YY]

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your compliance for low impact installation criteria.