

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Fortis IBA Limited

A303 IBA Facility
A303 Enviropark
Drayton Road
Barton Stacey
Andover
Hampshire
SO21 3QS

Variation application number

EPR/FB3805GN/V005

Permit number

EPR/FB3805GN

A303 IBA Facility

Permit number EPR/FB3805GN

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. Only the variations specified in schedule 1 are subject to a right of appeal.

Changes introduced by this variation notice:

This variation has been issued to update the permit following a statutory review of the permits in the industry sector for treatment of incinerator bottom ash.

The Industrial Emissions Directive (IED) came into force on 7th January 2014 with the requirement to implement all relevant Best Available Techniques (BAT) conclusions as described in the Commission Implementing Decision. The BAT conclusions for incineration were published on 03 December 2019 in the Official Journal of the European Union (L323) following a European Union wide review of BAT, implementing decision 2017/2117/EU of 21 November 2017.

The main features of the permit are as follows.

The environmental permit allows the operation of an Incinerator Bottom Ash recovery facility. The installation accepts and treats Incinerator Bottom Ash (IBA) to produce an Incinerator Bottom Ash Aggregate (IBAA) and to recover ferrous and non-ferrous metal. The facility is permitted to accept up to 205,000 tonnes of IBA per year.

Site activities are as follows:

- S5.4 A(1) (b) (iii) - Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment of slags and ashes.
- Storage of waste prior to treatment.
- Blending of IBAA fractions with virgin/primary aggregates.
- Storage of wastes recovered from the IBA treatment processes.
- Storage of raw materials including gas oil, AdBlue and lubrication oils.
- Collection and storage of contaminated site surface water in lagoons for reuse on site.
- Collection and storage of uncontaminated roof and site surface water in lagoons for reuse on site.

The IBA is received and stored at the site until the incinerator operators provide confirmation in writing to demonstrate that the IBA is non-hazardous in nature. Unprocessed IBA is stored outside for a minimum of 6 weeks until moisture content is suitable for processing. The treatment process involves separation of ferrous and non-ferrous metals from the IBA, grading of IBA into different sized fractions, and blending of IBA fractions to produce an IBAA which meets the relevant standard for the end-use.

The treatment plant is made up of conveyors, screeners and four Eddy Current Separators (ECS). The screeners and three of the ECSs are contained within separate buildings. The fourth ECS is currently located

outside but there is an improvement condition which requires the operator to relocate the fourth ECS into a building. The conveyors are all outside, but each conveyor is fully covered.

The treatment and storage areas are impermeable with a sealed drainage system. There are no channelled emissions to air and no discharge points from site either to sewer or controlled waters.

To prevent/minimise dust emission, the incoming waste is received and stored at a moisture content of approximately 25% moisture. During the maturation period, the moisture of the IBA will reduce to approximately 8% within the middle of the windrow. Over the period, dust suppression cannons are used to spray water over the windrows so that the outer layer stays at approximately 20% moisture. Prior to moving material to the treatment operations, the wet IBA is mixed with the drier IBA to get a moisture of approximately 14%. The waste will be continually monitored and dampened down if there is a potential for dust emissions. Where dust emissions are unavoidable, mitigation measures are used including enclosed/sealed conveyor belts and treatment plants, water cannons, spraying, regular cleaning of roads and clearing of mud and spillages.

Once the material is fed into the treatment process the moisture levels remain consistent; however, more water is added to the IBA at the end of the process to ensure there are no diffuse emissions to air when the output drops into the IBAA stockpile. The IBAA is stored until sold; however, while it is being stored the moisture content continues to fall. In order to manage the moisture drop, water is continually being added to the stockpile with the use of cannon systems. Whilst loading onto lorries water is directly added to the working face of the stockpile via a tractor and bowser.

The site is located on an industrial area with a number of businesses nearby. The closest business is a skip recycling waste facility; there is also a hotel within 500m of the site to the south on the opposite side of the A303 dual carriageway. The nearest residential buildings are approximately 1.5km away to the North. The nearest water course is the River Test which is about 950m away to the Northwest.

There is a Site of Special Scientific Interest (SSSI) site which is located within the screening distance of the site. The closest part of the SSSI site is about 850m from the operational boundary of the site.

The site operates an ISO 14001 and ISO 9001 management systems that are externally audited yearly to maintain standards. The IBA will be processed in accordance with the site's Environmental Management System and operational control procedures.

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 received EAWML 100429	Duly made 31/03/2008	Application for a Materials Recycling Facility
Permit determined EAWML 100429	13/10/2008	Original licence issued
Administrative Variation EPR/ZP3698EQ/V002 received	Duly made 15/03/2010	Application to add waste codes
Administrative Variation EPR/ZP3698EQ/V002 issued	17/05/2010	Varied permit issued
Variation Application EPR/ZP3698EQ/V003 received	17/03/2011	Application to add waste codes
Variation Application EPR/ZP3698EQ/V003 returned	23/03/2011	
Variation Application EPR/ZP3698EQ/V004 received	Duly made 30/06/2011	Application to add waste codes
Variation determined EPR/ZP3698EQ/V004	30/08/2011	Varied permit issued
Variation Application EPR/ZP3698EQ/V005	Duly Made 02/03/2012	Application for a variation to increase annual throughput
Variation determined EPR/ZP3698EQ/V005	27/03/2012	Varied permit issued
Variation Application EPR/ZP3698EQ/V006	Duly made 23/11/2012	Application to add waste codes and a WEEE dismantling operation
Variation determined EPR/ZP3698EQ/V006	17/01/2013	Varied permit issued
Variation Application EPR/ZP3698EQ/V007 received	03/10/2013	Application to add Incinerator Bottom Ash (IBA) facility to existing permit.
Variation Application EPR/ZP3698EQ/V007 Returned	22/11/2013	
Variation Application EPR/ZP3698EQ/V008 received	Duly made 10/01/2014	Application to add Incinerator Bottom Ash (IBA) facility to existing permit. And increase site's throughput.
Variation Application EPR/ZP3698EQ/V008 Request for further information	10/02/2014	Schedule 5 notice issued requesting specific lagoon design details and information regarding an appropriate inspection and maintenance programme for the site.
Variation Application EPR/ZP3698EQ/V008	27/02/2014	Schedule 5 response received.
Variation Application EPR/ZP3698EQ/V008	21/03/2014	Additional Schedule 5 information received.

Status log of the permit		
Description	Date	Comments
Variation determined EPR/ZP3698EQ/V008	10/04/2014	Varied permit issued
Application EPR/ZP3698EQ/V009	Duly made 10/06/2014	Administrative variation to amend the information present in Table 1.2 Operating techniques to reflect the work carried out to satisfy pre-operational condition 1 and pre-operational condition 2 present in EPR/ZP3698EQ/V008
Variation determined EPR/ZP3698EQ	30/06/14	Varied permit issued.
Notified of change of company registered address	06/09/2016	Registered office address changed to 5 Fleet Place, London, EC4M 7RD
Variation issued EPR/ZP3698EQ/V010	24/10/2016	Varied permit issued to Raymond Brown Minerals & Recycling Ltd
Variation Application EPR/ZP3698EQ/V011	Duly Made 08/03/2017	Application to add waste codes 20 03 01 and 20 03 07 to the waste code table for the material recycling activity within the permit.
Variation determined EPR/ZP3698EQ/V011	27/03/2017	Varied permit issued
Application EPR/ZP3698EQ/V012 (variation and consolidation)	Duly made 07/03/2017	Application to increase the tonnage of IBA permitted onsite to 180,000 tonnes per annum, add a mobile screener and update the permit to modern conditions.
Variation determined EPR/ZP3698EQ (Billing: TP3139YQ & 100429)	12/04/2017	Varied and consolidated permit issued in modern condition format.
Application EPR/FB3805GN/T001	Duly made 07/02/2018	Application for partial transfer of permit of permit EPR/ZP3698EQ from Raymond Brown Minerals and Recycling Limited to Fortis IBA Limited.
Transfer and variation determined EPR/FB3805GN (new and varied permit issued) Billing reference VP3735JN	11/04/2018	Transfer of IBA recovery facility complete. New permit issued in modern condition format to Fortis IBA Limited.
Notified of change of Registered office EPR/FB3805GN/V002	15/11/19	Registered office changed to 2nd Floor, Fryern House, Winchester Road, Chandler's Ford, Eastleigh, SO53 2DR
Variation issued EPR/FB3805GN Billing reference ZP3805BT	22/11/19	Varied permit issued to Fortis IBA Limited
Application EPR/FB3805GN/V003 (variation and consolidation)	Duly Made 17/07/2020	Application to increase the maximum annual quantity of waste accepted at the site by 25,000 tonnes.
Variation determined EPR/FB3805GN (Billing ref. ZP3805BT)	02/10/2020	Varied permit issued.
Application EPR/FB3805GN/V004 (variation and consolidation)	Duly Made 07/01/2021	Application to increase the licenced storage area that is subject to a Local Enforcement Position and add 191212 waste code.

Variation and consolidation
application number
EPR/FB3805GN/V005

Status log of the permit		
Description	Date	Comments
Variation determined EPR/FB3805GN (Billing ref: ZP3805BT)	10/02/2021	Varied permit issued.
Environment Agency Non-hazardous Waste Sector Review Variation number EPR/FB3805GN/V005 (variation and consolidation)	11/07/23	Regulation 61 Notice requiring information for Statutory review of permit of the permit against Waste Incineration BAT Conclusions published 12 December 2019 - documents received in response to the Regulation 61 Notice dated 14/04/2023.
Regulation 61 notice – additional information	20/02/24	Response to a Request for Further Information
	21/03/24	Updated version of the documents referenced 'A303 BATC Return Spreadsheet v2' and 'A303 IBA Environmental Permit Boundary & Site Layout Plan'.
	25/03/24	Updated version of the document referenced 'P11 Stockpile Management Procedure 2024 v9'
Variation issued EPR/FB3805GN	25/03/24	Varied and consolidated permit issued in modern format

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/FB3805GN

Issued to

Fortis IBA Limited (“the operator”)

whose registered office is

**2nd Floor, Fryern House
Winchester Road
Chandler's Ford
Eastleigh
SO53 2DR**

company registration number **10659382**

to operate a regulated facility at

**A303 IBA Facility
A303 Enviropark
Drayton Road
Barton Stacey
Andover
Hampshire
SO21 3QS**

to the extent set out in the schedules.

The notice shall take effect from 25/03/2024.

Name	Date
Rich Croll	25/03/2024

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions and tables have been added /varied/deleted as a result of the Environment Agency Initiated Variation:

- Condition 2.3.3 - raw materials or fuels condition has been added. The follow-on conditions have been renumbered.
- Condition 2.3.4 has been amended by changing the table reference from S2.1 to S2.2.
- Conditions 2.4.1 and 2.4.2 have been added to implement the improvement programmes associated with this variation.
- Condition 3.1.1 has been amended by removing '*except from the sources and emission points listed in schedule 3 table S3.1*' because there are no channelled emissions from the site.
- Conditions 3.6.1 – 3.6.4 of this variation have been added to implement the monitoring requirements introduced by this variation.
- Conditions 4.2.2 (b) and (c) have been amended by changing the numbering of the referenced tables.
- Condition 4.2.3 has been added because it is a relevant installation condition. The follow-on conditions have been renumbered.
- Table S1.1 as referenced in Condition 2.1.1 has been amended to clearly define the activities that are undertaken at the site and to apply relevant limits to them.
- Table S1.2 as referenced in Conditions 2.3.1 and 2.3.2 has been amended to incorporate operating technique documents submitted in response to the Regulation 61 Notice.
- Table S1.3 of the last variation (Pre-operational Measures) has been deleted given that the site is no longer in a preOperational phase.
- Table S1.3 as referenced in Condition 2.4.1 has been added to implement the improvement conditions IC1 – IC4.
- Table S2.1 has been added to specific the raw materials that are allowed. The follow-on table has been renumbered.
- Table S3.1 as referenced in Conditions 3.5.1 (a) and 3.5.4 has been added for monitoring of moisture content.
- Table S3.2 as referenced in Conditions 3.5.1 (b) and 3.5.4 has been added for monitoring of dust in the ambient air.
- Table S4.1 as referenced in Conditions 4.2.3 (b) and (c) has been added to implement reporting of process and ambient air monitoring.
- Table S4.4 as referenced in Conditions 4.2.2 (c) and 4.2.3 (b) has been amended to include relevant forms.
- Schedule 6 as referenced in condition 4.4.1 has been amended by adding additional interpretations that are relevant to the changes made as a result of this variation and by updating some of the existing interpretations.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/FB3805GN

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FB3805GN/V005 authorising,

Fortis IBA Limited (“the operator”)

whose registered office is

**2nd Floor, Fryern House
Winchester Road
Chandler's Ford
Eastleigh
SO53 2DR**

company registration number **10659382**

to operate an Installation at

**A303 IBA Facility
A303 Enviropark
Drayton Road
Barton Stacey
Andover
Hampshire
SO21 3QS**

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

Name	Date
Rich Croll	25/03/2024

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.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

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").

2.1.2 Waste authorised by this permit shall be clearly distinguished from any other waste on the site.

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green 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 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.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.4 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2 table S2.2; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.6 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

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.
- 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.

3.5 Pests

3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Monitoring

3.6.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) process monitoring specified in table S3.1;
- (b) ambient air monitoring specified in table S3.2.

3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.6.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 and S3.2 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 or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 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.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

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 made "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 and WFD Annex I and II operations	Limits of specified activity and waste types
AR1	S5.4 Part A(1) (b) (iii) Recovery or a mix of recovery and disposal of non-hazardous waste with a capacity exceeding 75 tonnes per day involving treatment of slags and ashes.	R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials	From receipt, handling and treatment of non-hazardous incinerator bottom ash (IBA) to produce Incinerator Bottom Ash Aggregate (IBAA). Treatment of IBA in an enclosed building and/or enclosed equipment using a combination of crushing, screening and Eddy Current Separation (ECS). There shall be no channelled emissions to air, surface water and/or sewer from this activity. Treatment shall take place on an impermeable surface with sealed drainage. Waste types suitable for acceptance and treatment are limited to those specified in Table S2.2.
Directly Associated Activity			
AR2	N/A	Storage of IBA prior to treatment R13: Storage of waste pending the operations numbered R1, R4 and R5 (excluding temporary storage, pending collection, on the site where it is produced)	From receipt of waste to transfer to the treatment processes. Storage shall take place on an impermeable surface with sealed drainage system. There shall be no channelled emissions to air, surface water and/or sewer from this activity. The maximum quantity of IBA stored at any one time prior to treatment is limited to 72,000 tonnes. No waste shall be stored for more than 12 months. Waste types as specified in Table S2.2.
AR3	N/A	Storage of recovered IBAA and residual waste after treatment processes	From recovery of waste to despatch off-site for use.

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		R13: Storage of waste pending the operations numbered R1, R4 and R5 (excluding temporary storage, pending collection, on the site where it is produced)	<p>Storage of processed IBAA, ferrous and non-ferrous metals after treatment.</p> <p>The maximum quantity of IBAA, ferrous/non-ferrous metals stored at any one time after treatment is limited to 75,000 tonnes.</p> <p>Storage shall take place on an impermeable surface with a sealed drainage system.</p> <p>There shall be no channelled emissions to air, surface water and/or sewer from this activity.</p> <p>No waste shall be stored for more than 12 months.</p>
AR4	N/A	<p>Blending of IBAA fractions with virgin/primary aggregates</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>Treatment consisting of blending of IBAA fractions with virgin/primary aggregates only.</p> <p>There shall be no channelled emissions to air, surface water and/or sewer from this activity.</p> <p>Treatment shall take place on an impermeable surface with sealed drainage.</p>
AR5	N/A	Storage of raw materials including gas oil, AdBlue and lubrication oils.	<p>From the receipt of raw materials to despatch for use within the facility.</p> <p>Storage of raw materials including AdBlue and lubrication oils shall be undertaken as per site maintenance procedures described in the Management System.</p>
AR6		<p>Process water collection and storage.</p> <p>Collection and storage of contaminated site surface water in lagoons.</p>	<p>From the collection of process water produced at the facility to re-use within the facility for dust suppression or disposal off-site.</p> <p>There shall be no discharge of site effluent to surface water and/or sewer.</p>
AR7		<p>Surface and roof water collection and storage.</p> <p>Collection and storage of uncontaminated roof and</p>	From the collection of uncontaminated roof and site surface water to re-use within

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
		site surface water in lagoons.	the facility for dust suppression or disposal off-site. There shall be no discharge of site effluent to surface water and/or sewer.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/ZP3698EQ/V008	Section 3 of application form C3 and document R670/027	10/01/2014
Schedule 5 Notice dated 10/02/2014	All parts	27/02/2014 21/03/2014
Additional information received in response to Pre-Operational Condition 1 and 2	Updated Information supplied detailing lagoon design and construction, superseding all previous information on this matter, comprising the following documents: A303 Designer's Quality Manual dated 17/05/2014 Raymond Brown Aggregates Letter Ref EPR/ZP3698EQ/V008 dated 18/05/2014	19/05/2014
Application EPR/FB3805GN/V004	Dust and Odour Management: Control Scheme – January, 2021. Site Process Manual (Issue 6) – June, 2020. Environmental Risk Assessment – January 2021. Daily Questionnaire – January 2021.	08/01/2021
Response to regulation 61 notice EPR/FB3805GN/V005 Additional information received in response to the Request for Further Information (RFI) issued on the 08/02/2024	Response to questions 1 to 11 of the RFI, including the document titled ' <i>A303 Request for information Feb 2024</i> '.	20/02/2024
Response to regulation 61 notice - additional information	Updated version of the document referenced ' <i>A303 BATC Return Spreadsheet v2</i> ' and ' <i>A303 IBA Environmental Permit Boundary & Site Layout Plan</i> ', referenced FOR/EPB/02, dated 20/03/24.	21/03/2024
	Updated version of the document referenced ' <i>P11 Stockpile Management Procedure 2024 v9</i> '	25/03/2024

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The operator shall submit a Dust Management Plan (DMP) to the Environment Agency for approval.</p> <p>The revised DMP shall include an assessment of the risk of dust pollution associated with the permitted site operations including a review of the:</p> <ul style="list-style-type: none"> • loading, unloading and material handling procedures especially those that are used in transferring IBA and IBAA • waste storage and treatment procedures for the site. • inspection and maintenance procedures for dust control measures, site buildings and enclosed equipment, including information on the frequency of dust monitoring for fugitive emissions. <p>The plan shall take into account the appropriate measures for dust control specified in the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities guidance</u> and <u>Control and monitor emissions for your environmental permit</u>.</p> <p>Once the DMP is approved by the Environment Agency, the operator shall carry out site operations in accordance with the approved DMP, and any subsequent revisions agreed in writing by the Environment Agency.</p>	23/09/24
IC2a	<p>The operator shall carry out a detailed review of the existing waste treatment, storage and handling equipment at the site to ensure that they are in accordance with the requirements specified in the <u>Non-hazardous and inert waste: appropriate measures for permitted facilities guidance</u> and <u>BAT 24 of the Waste Incineration BAT Conclusions</u>.</p> <p>Following the review, the operator shall submit a written report to the Environment Agency for approval outlining the results of the review and measures and procedures that are in place to prevent and/or reduce fugitive emissions of dust, odour and noise.</p> <p>The report shall include recommendations for improvements and installation of new infrastructure, including timescales for implementation of the identified improvements.</p>	23/09/24
IC2b	<p>Following the completion of IC2a, the operator shall implement any improvements by the deadline specified in this improvement condition unless otherwise agreed in writing with the Environment Agency. The improvements may include, but are not limited to:</p> <ul style="list-style-type: none"> • installation of a new building or enclosure around the eddy current separator that is currently located outside; • fast acting doors that default to closed position to prevent and/or reduce fugitive emissions of dust, odour and noise from the existing buildings. 	23/09/25
IC3a	<p>The operator shall submit to the Environment Agency for approval, an infrastructure improvement plan to cover the remaining areas of the site where IBA and IBAA are being handled, stored and/or treated with an impermeable surface, sealed drainage and containment systems.</p> <p>The plan shall contain detailed information on the design and construction specifications of the impermeable surface, sealed drainage and containment systems. It shall take into account the appropriate measures specified in <u>Non-hazardous and inert waste: appropriate measures for permitted facilities guidance</u>, <u>Control and monitor emissions for your environmental permit guidance</u> and CIRIA Report C736.</p>	23/09/24

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	The plan must contain timescales for implementation of the individual measures and a provision for the construction to be certified by a suitably qualified engineer.	
IC3b	Following the completion IC3a, the operator shall implement the improvement measures by the deadline specified in this improvement condition unless otherwise agreed in writing with the Environment Agency. The improvements may include, but are not limited to, the installation of impermeable surface, sealed drainage and containment systems.	23/09/25
IC4a	The operator shall undertake a review of the areas of the site that are currently covered by an impermeable surface and sealed drainage systems. The review shall ascertain their state and determine if the design and construction of the impermeable surface and sealed drainage systems are in line with or equivalent to the standards required in CIRIA Report C736. The report of the review shall be certified by a suitably qualified engineer and submitted to the Environment Agency for approval together with details of any improvements.	23/09/24
IC4b	Following the completion IC4a, the operator shall implement the improvement measures by the deadline specified in this improvement condition unless otherwise agreed in writing with the Environment Agency. The improvements may include, but are not limited to, the installation of a new impermeable surface, sealed drainage and containment systems.	23/09/25

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Gas oil, Adblue and lubrication oils	-

Table S2.2 Permitted waste types and quantities for storage and treatment under activities AR1 and AR2 of Table S1.1.	
Maximum quantity	The quantity of wastes listed below, accepted at the site shall be less than 205,000 tonnes a year.
Waste code	Description
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and waste for industrial use
19 01	Wastes from incineration or pyrolysis of waste
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 – Incinerator Bottom Ash Aggregate (IBAA) returned to the site only.

Schedule 3 – Emissions and monitoring

Table S3.1 Process monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At the IBA and IBAA waste stockpiles shown on the site layout plan referenced FOR/EPB/02, dated 20/03/24	Moisture content	As agreed under the dust emissions management plan and the updated version required under IC1	As agreed under the dust emissions management plan and the updated version required under IC1	--

Table S3.2 Ambient air monitoring requirements				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
At the locations shown on the site layout plan referenced FOR/EPB/02, dated 20/03/24	Dust	Continuous	M17 guidance	Use directional and real-time dust gauges. Contents of deposit gauge to be measured/analysed in line with the Dust Management Plan and the replacement version required under IC1. Trigger level of 75µg/m ³ and action level 25µg/m ³ (specified in the Dust Management Plan and the replacement version required under IC1).
		Daily		
	Visual dust checks	Daily		

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Process monitoring Parameters as required by condition 3.6.	At the IBA and IBAA waste stockpiles	Every 6 months	1 January, 1 July
Ambient air monitoring Parameters as required by condition 3.6.	At the monitoring points shown on the site layout plan referenced FOR/EPB/02, dated 20/03/24	Every 6 months	1 January, 1 July

Table S4.2: Annual production/treatment	
Parameter	Units
IBA treated	tonnes
IBAA produced	tonnes
Ferrous metals recovered	tonnes
Non-ferrous metals recovered	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Process monitoring	Process Monitoring Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Ambient air monitoring	Ambient Air Monitoring 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

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	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
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.	
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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.

“bottom ash” means ash falling through the grate transported by the grate.

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“emissions to land” includes emissions to groundwater.

“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.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“recovery” means any of the operations provided for in Annex II to the Waste Framework Directive.

“sealed drainage system” in relation to an impermeable surface, means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquids will run off the surface otherwise than via the system
- all liquids entering the system are collected in a sealed sump, except where liquids may be lawfully discharged to foul sewer.

“separation” means separating wastes into different material types, components and grades.

“sorting” means sorting that may be undertaken by hand or machinery. Sorting enables materials to be processed and recycled appropriately. It may involve separation of different waste types or the separation of different metal types including different ferrous metals, non-ferrous metals and non-metallic materials (e.g. paper and plastic). The sorted metals are graded by visual inspection, supplemented by chemical and other laboratory tests. The physical sorting may be assisted by conveyors and electromagnets.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“year” means calendar year ending 31 December.

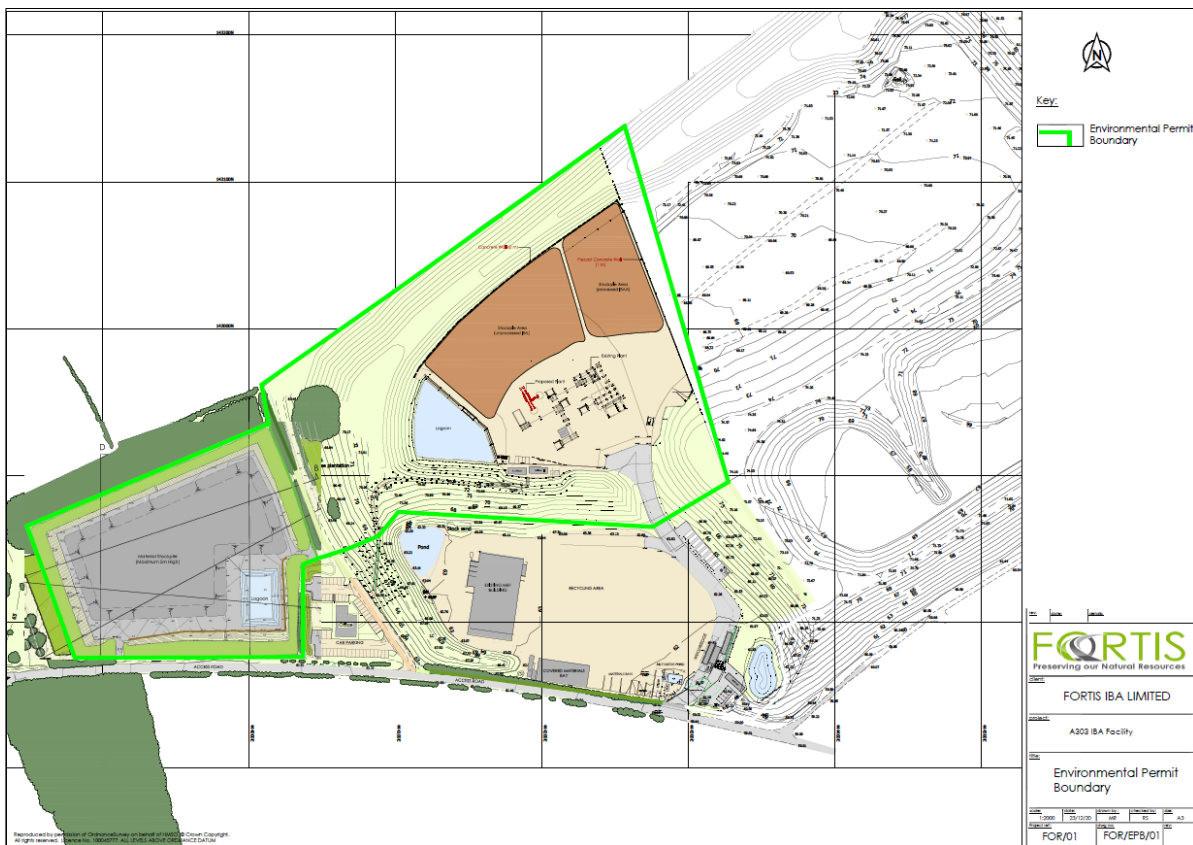
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or

in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Schedule 7 – Site plan



Reporting Forms

Process Monitoring Form

Permit Number: EPR/FB3805GN

Operator: Fortis IBA Limited

Facility: A303 IBA Facility

Process Monitoring Form: version 1, 08/03/2021

Reporting of process monitoring for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Monitoring point description or source	Parameter	Reference period	Test method ¹	Result ²	Sample dates and times ³	Uncertainty ⁴
<i>[e.g. Condenser V 2345]</i>	<i>[e.g. cooling water outlet temperature]</i>	<i>[e.g. instantaneous]</i>	<i>[if applicable]</i>	<i>[State result]</i>	<i>[State relevant dates and time periods]</i>	<i>[if applicable]</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 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.

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.

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/FB3805GN

Operator: Fortis IBA Limited

Facility: A303 IBA 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/FB3805GN

Operator: Fortis IBA Limited

Facility: A303 IBA 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 waste output.

Other Performance Parameters Reporting Form

Permit Number: EPR/FB3805GN

Operator: Fortis IBA Limited

Facility: A303 IBA 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.