

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Farmers Boy (Deeside) Limited

**Deeside Meat Processing
Unit 105/106
Tenth Avenue
Deeside Industrial Park
Deeside
Flintshire
CH5 2UA**

Permit number
EPR/VP3235HS

Deeside Meat Processing

Permit number EPR/ VP3235HS

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The Deeside Meat Processing site is permitted as set out in The Environmental Permitting (England and Wales) Regulations 2016 under Schedule 1, Section 6.8, Part A(1)(d)(i) treating and processing materials for the production of food products from animal raw materials (other than milk) at a plant with a finished product production capacity of more than 75 tonnes per day.

The facility receives raw meats including poultry, beef, pork, lamb and offal which arrive either chilled or frozen, no carcasses are received on site. The meats are processed and packaged to produce retail packs for supermarkets. The installation consists of boilers for raising steam, hot water boilers and roasting and smoking ovens with a thermal input of approximately 15 MW.

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/VP3235HS/A001	Duly made 26/07/11	Application for food processing installation.
Additional information received	12/09/11	BAT assessment received and new site boundary submitted
Permit determined	18/01/12	Permit issued to Farmers Boy (Deeside) Limited.
Application EPR/VP3235HS/V002 (variation and consolidation)	Duly made 07/04/14	Consolidation of existing permit with IED conditions
Variation determined EPR/VP3235HS	04/11/14	Varied and consolidated permit issued
Application EPR/VP3235HS/V003 (variation and consolidation)	Duly made 07/04/15	
Variation determined EPR/VP3235HS/V003	28/08/15	Varied and consolidated permit issued
Regulation 61 Notice sent to the Operator	27/04/2020	Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for the Food, Drink and Milk Industries.

Status log of the permit		
Description	Date	Comments
Regulation 61 Notice response	30/10/2020	Response received from the operator.
Additional information received	19/10/2021	Updated information regarding emission points, abatement systems, refrigerants inventory and a site plan showing emission points.
NRW Initiated variation determined EPR/VP3235HS/V004	10/03/2022	Varied permit issued to Operator
Application PAN-019177 (EPR/VP3235HS/V005)	Duly made 03/02/23	Addition of three emission points to air (water heater, smoker, grill) to permit
Variation determined EPR/VP3235HS/V005	24/03/23	Varied and consolidated permit issued

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number
EPR/VP3235HS

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/VP3235HS/V005 authorising,

Farmers Boy (Deeside) Limited ("the operator"),
whose registered office is

Hilmore House
Gain Lane
Bradford
West Yorkshire
BD3 7DL

company registration number **07208560**
to operate an installation at

Deeside Meat Processing
Unit 105/106
Tenth Avenue
Deeside Industrial Estate
Deeside
Flintshire
CH5 2UA

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

Signed	Date
Holly Noble	24/03/2023

Authorised on behalf of Natural Resources Wales

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 green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 (a) 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 Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales 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 Natural Resources Wales.
- 2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.3 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.
- 2.3.4 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 Natural Resources Wales.
- 2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales 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 except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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 Natural Resources Wales.
- 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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales 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 Natural Resources Wales.

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 Natural Resources Wales, 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 Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales 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 Natural Resources Wales.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1, S3.2 and S3.3;
 - (b) process monitoring specified in table S3.4;
- 3.5.2 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.
- 3.5.3 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 Natural Resources Wales.
- 3.5.4 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, S3.2, S3.3 unless otherwise agreed in writing by Natural Resources Wales.

3.6 Pests

- 3.6.1 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.
- 3.6.2 The operator shall:
 - (a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural resources Wales

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 Natural Resources Wales, 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 Natural Resources Wales.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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 S4.1; and
 - (c) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 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 Natural Resources Wales, 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 Natural Resources Wales, 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 (a) In the event 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 Natural Resources Wales,
 - (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) in the event of a breach of any permit condition the operator must immediately—
 - (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;

- (c) in the event 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales 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) Natural Resources Wales 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 Natural Resources Wales shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, Natural Resources Wales shall be notified within one month of:
 - (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

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” or “without delay” in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities

Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
S6.8 A(1) (d) (i)	Treatment and processing, other than exclusively packaging, of the following raw materials, whether previously processed or unprocessed, intended for the production of food or feed (where the weight of the finished product excludes packaging)— only animal raw materials (other than milk only) with a finished product production capacity greater than 75 tonnes per day;	From receipt of raw materials to despatch of products. Maximum capacity limited to 100 tonnes per day
S5.4 A(1) (a) (ii)	Disposal of non-hazardous waste with a capacity of more than 50 tonnes per day by physico-chemical treatment	From collection of process effluent to discharge to sewer, including the Dissolved Air Flotation (DAF) plant.
Directly Associated Activity		
Storage of waste	Storage and handling of by-products and wastes generated by the process	From receipt of by-products and wastes from the process to dispatch from site.
Chilling	Refrigeration process	Chilling of raw materials, intermediaries and final products, including air conditioning systems for control of processing environment.
Freezing	Freezing process	Freezing of raw materials, intermediaries and final products.
Finished product storage	Storage of finished products	From receipt of finished products to despatch of products.
Raw materials storage	Raw materials storage and handling	From receipt of raw materials to transfer to the manufacturing process
Chemical storage	Chemical storage and handling	From receipt of materials to their use on-site or disposal off-site.
Steam and hot water supply	Operation of boilers for the provision of steam and hot water (2 x 6.5 MWth natural gas boilers and other units as listed in table S3.1).	From receipt of fuel to delivery of steam and hot water.
Utilities and services	Operation of the site systems for the supply of utilities and services	Site utility and service systems as far as the installation boundary.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Section 3 of Part B3 the application form	26/07/11
Application	Sections B3.3 and B3.4 of the permit application document	26/07/11
Response to Schedule 5 Notice dated 01/09/11	Response to question 1 detailing best available techniques for the food and drink sector	12/09/11
Additional information	Updated site plan received	12/09/11
Additional information	E-mail dated 20/12/11 confirming size of effluent treatment plant and charge quantity of R22 refrigeration systems.	20/12/11
Application EPR/VP3235HS/V003	Responses to Part B3 section 3 of the application form and referenced supporting documentation	07/04/15
Response to regulation 61(1) Notice – request for information dated 27/04/2020 detailing how the Operator will comply with the BAT conclusions for Food, Drink and Milk Industries, under Directive 2010/75/EU of the European Parliament and of the Council	All	30/10/2020
Additional information	Email with the subject “RE: EPR/VP3235HS - Deeside Meat Processing - BREF Review Queries”	19/10/2021

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
1	The Operator will undertake preventative measures for those identified in the EMS submitted as part of pre operational condition 1 with written agreement from Natural Resources Wales that these are in line with the agreed EMS.	Completed
2	The Operator shall submit to Natural Resources Wales the Specific Energy Consumption (SEC) for the installation, in accordance with the requirements of section 1.2 of EPR 6.10, The Food and Drink Sector.	Completed
3	The Operator shall develop and implement an Energy Efficiency Plan, in accordance with the requirements of section 1.2 of EPR 6.10, The Food and Drink Sector. A written report which summarises the plan, including proposed improvements with a timetable for their implementation, shall be submitted to Natural Resources Wales for agreement in writing.	Completed
4	The Operator shall investigate options for the measurement and recording water usage at all significant points of consumption in order to develop specific water usage information, having regard for section 1.3 of EPR 6.10, The Food and Drink Sector. A written report summarising proposed improvements shall be submitted to Natural Resources Wales which shall include timescales for implementation, which shall be agreed in writing by Natural Resources Wales.	Completed

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
5	The Operator shall carry out an assessment of the feasibility of the use of heat recovery systems and / or recycling exhaust gas (where practical) for pre heat purposes at the installation. A written summary of the assessment shall be sent to Natural Resources Wales and will include a timetable for implementation of any proposed improvements.	Completed
6	The Operator shall submit to Natural Resources Wales in writing for written approval details of how indicative best available techniques has been met for the effluent treatment plant as detailed in the sector guidance note EPR6.10, The Food and Drink Sector. The Operator will need to include details of the monitoring programme to be implemented, the proposed maintenance schedule and process control for the plant and a timetable of improvements to be made for effective effluent treatment.	Completed
7	<p>The Operator shall submit to Natural Resources Wales an updated written procedure(s) describing how they intend to meet the following BAT requirements in accordance with requirements specified within:</p> <ul style="list-style-type: none"> BAT Conclusion 2 of the Food, Drink and Milk Industries BRef Document (EU 2019) – Establish a waste gas inventory as part of the Environment Management System 	4 June 2023 or otherwise agreed in writing with Natural Resources Wales
8	<p>The Operator shall submit to Natural Resources Wales an updated written procedure following additional investigatory work describing how they intend to meet the following BAT requirements in accordance with the requirements specified within:</p> <ul style="list-style-type: none"> BAT Conclusion 9 of the Food, Drink and Milk Industries BRef Document (EU 2019) – In order to prevent emissions of ozone depleting substances and of substances with a high global warming potential from cooling and freezing, BAT is to use refrigerants without ozone depletion potential and with a low global warming potential <p>The report should include but not limited to</p> <ul style="list-style-type: none"> a review of the use of the current refrigerant as to whether it meets the BAT requirements as specified above and; a feasibility study and implementation plan (if appropriate) regarding the replacement of the current refrigerant with one with a lower global warming potential and no ozone depletion potential. Suitable alternatives include but not limited to ammonia, water and carbon dioxide. <p>The report shall be submitted to Natural Resources Wales by the date specified for review. Natural Resources Wales will review the report to determine if the above BAT requirements have been achieved.</p>	4 June 2023 or otherwise agreed in writing with Natural Resources Wales

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
9	<p>(a) The Operator shall submit to NRW the maximum capacity of the installation that was used in the most recent risk assessment submitted to NRW.</p> <p>(b) The Operator shall submit to NRW for approval the maximum capacity of the installation at the current time.</p> <p>(c) If the maximum capacity of the installation has increased from the time of the last submitted risk assessment and the current time, the Operator shall review and update the risk assessment to account for the current maximum capacity. The risk assessment shall be submitted to NRW for review.</p>	Completed

Notes:

The capacity is to be taken and presented using the same units from the relevant sub-section of Section 6.8, Part 2, Schedule 1 of the Environmental Permitting Regulations 2016 (as from time to time amended).

Capacity is to be taken as the maximum possible capacity of the installation, not the maximum actual production.

The risk assessment should follow the methodology set out in The Environmental Risk Assessment (EPR-H1). You may use a methodology other than EPR-H1 however the methodology must address the same issues as in EPR-H1 to an equivalent level of detail.

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels

Raw materials and fuel description	Specification
-	-

Schedule 3(a) – Emissions and monitoring effective until 3 December 2023

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
A1 [point A1 on site plan in Schedule 7]	Gas-fired steam raising boiler No. 1	No parameters set	No limit set	N/A	N/A	N/A
A2 [point A2 on site plan in Schedule 7]	Gas-fired steam raising boiler No. 2	No parameters set	No limit set	N/A	N/A	N/A
A3 [point A3 on site plan in Schedule 7]	Gas-fired hot water heater No. 1	No parameters set	No limit set	N/A	N/A	N/A
A4 [point A4 on site plan in Schedule 7]	Gas-fired hot water heater No. 2	No parameters set	No limit set	N/A	N/A	N/A
A5 [point A5 on site plan in Schedule 7]	Gas fired heating boiler No. 1 (office heating ground floor)	No parameters set	No limit set	N/A	N/A	N/A
A6 [point A6 on site plan in Schedule 7]	Gas fired heating boiler No. 2 (office heating first floor)	No parameters set	No limit set	N/A	N/A	N/A
A7a [point A7a on site plan in Schedule 7]	Roaster No. 2 cooking chamber air	No parameters set	No limit set	N/A	N/A	N/A
A7b [point A7b on site plan in Schedule 7]	Roaster No. 2 combustion exhaust (natural gas)					
A8a [point A8a on site plan in Schedule 7]	Roaster No. 1 cooking chamber air	No parameters set	No limit set	N/A	N/A	N/A
A8b [point A8b on site plan in Schedule 7]	Roaster No. 1 combustion exhaust (natural gas)					
A9a [point A9a on site plan in Schedule 7]	Smoker No.1 cooking chamber air (wood chip smoke)	No parameters set	No limit set	N/A	N/A	N/A

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
A9b [point A9b on site plan in Schedule 7]	Smoker No. 1 combustion exhaust (natural gas)					
A10 [point A10 on site plan in Schedule 7]	Gas-fired hot water heater No. 3	No parameters set	No limit set	N/A	N/A	N/A
A11a [point A11a on site plan in Schedule 7]	FP Roaster/Smoker No. 2 cooking chamber air (wood chip smoke)	No parameters set	No limit set	N/A	N/A	N/A
A11b [point A11b on site plan in Schedule 7]	FP Roaster/Smoker No. 2 combustion exhaust (natural gas)					
A12a [point A12a on site plan in Schedule 7]	AFO Grill – combustion exhaust and cooking chamber air No.1 (natural gas)	No parameters set	No limit set	N/A	N/A	N/A
A12b [point A12b on site plan in Schedule 7]	AFO Grill – combustion exhaust No.2 (natural gas)					
A12c [point A12c on site plan in Schedule 7]	AFO Grill – combustion exhaust No.3 (natural gas)					

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 [point W1 on site plan in Schedule 7]	Storm-water drainage	No parameters set	No limit set	N/A	N/A	N/A
W2 [point W2 on site plan in Schedule 7]	Storm-water drainage	No parameters set	No limit set	N/A	N/A	N/A

Table S3.3 Point Source emissions to sewer, effluent treatment plant or other transfers off-site – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
S1 [point S1 on site plan in Schedule 7]	Site effluent treatment plant	No parameters set	No limit set	N/A	N/A	N/A

Schedule 3(b) – Emissions and monitoring effective from 4 December 2023

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
A1 [point A1 on site plan in Schedule 7]	Gas-fired steam raising boiler No. 1	No parameters set	No limit set	N/A	N/A	N/A
A2 [point A2 on site plan in Schedule 7]	Gas-fired steam raising boiler No. 2	No parameters set	No limit set	N/A	N/A	N/A
A3 [point A3 on site plan in Schedule 7]	Gas-fired hot water heater No. 1	No parameters set	No limit set	N/A	N/A	N/A
A4 [point A4 on site plan in Schedule 7]	Gas-fired hot water heater No. 2	No parameters set	No limit set	N/A	N/A	N/A
A5 [point A5 on site plan in Schedule 7]	Gas fired heating boiler No. 1 (office heating ground floor)	No parameters set	No limit set	N/A	N/A	N/A
A6 [point A6 on site plan in Schedule 7]	Gas fired heating boiler No. 2 (office heating first floor)	No parameters set	No limit set	N/A	N/A	N/A
A7a [point A7a on site plan in Schedule 7]	Roaster No. 2 cooking chamber air	No parameters set	No limit set	N/A	N/A	N/A
A7b [point A7b on site plan in Schedule 7]	Roaster No. 2 combustion exhaust (natural gas)					
A8a [point A8a on site plan in Schedule 7]	Roaster No. 1 cooking chamber air	No parameters set	No limit set	N/A	N/A	N/A
A8b [point A8b on site plan in Schedule 7]	Roaster No. 1 combustion exhaust (natural gas)					
A9a [point A9a on site plan in Schedule 7]	Smoker No.1 cooking chamber air (wood chip smoke)	Total volatile organic compounds (TVOC) Note 1	50 mg/Nm ³ Note 1, Note 2	Average of three consecutive measurements of at least 30 minutes each Note 1, Note 3	Once every year Note 1	EN 12619 Note 1

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
A9b [point A9b on site plan in Schedule 7]	Smoker No. 1 combustion exhaust (natural gas)	No parameters set	No limit set	N/A	N/A	N/A
A10 [point A10 on site plan in Schedule 7]	Gas-fired hot water heater No. 3	No parameters set	No limit set	N/A	N/A	N/A
A11a [point A11a on site plan in Schedule 7]	FP Roaster/Smoker No. 2 cooking chamber air (wood chip smoke in smoker mode only)	Total volatile organic compounds (TVOC) <small>Note 1</small>	50 mg/Nm ³ <small>Note 1, Note 2</small>	Average of three consecutive measurements of at least 30 minutes each <small>Note 1, Note 3</small>	Once every year <small>Note 1</small>	EN 12619 <small>Note 1</small>
A11b [point A11b on site plan in Schedule 7]	FP Roaster/Smoker No. 2 combustion exhaust (natural gas)	No parameters set	No limit set	N/A	N/A	N/A
A12a [point A12a on site plan in Schedule 7]	AFO Grill – combustion exhaust No.1 (natural gas)	No parameters set	No limit set	N/A	N/A	N/A
A12b [point A12b on site plan in Schedule 7]	AFO Grill – combustion exhaust No.2 (natural gas)					
A12c [point A12c on site plan in Schedule 7]	AFO Grill – combustion exhaust No.3 (natural gas)					

Note 1: The TVOC emission limit value and monitoring does not apply when the TVOC emission load is below 500 g/h.

Note 2: Emission limit value expressed as mass of emitted substances per volume of waste gas under the following conditions: dry gas at a temperature of 273.15 K and a pressure of 101.3 kPa without correction for oxygen content.

Note 3: 1) For any parameter where, due to sampling or analytical limitations, 30-minute sampling/measurement is inappropriate, a more suitable measurement period may be employed. (*Food and Drink BRef*)

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 [point W1 on site plan in Schedule 7]	Storm-water drainage	No parameters set	No limit set	N/A	N/A	N/A
W2 [point W2 on site plan in Schedule 7]	Storm-water drainage	No parameters set	No limit set	N/A	N/A	N/A

Table S3.3 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 [point S1 on site plan in Schedule 7]	Site effluent treatment plant	Chloride (Cl ⁻)	No limit set	24 hour flow proportional composite	Monthly	Various EN standard available including EN ISO 10304-1, EN ISO 15682

Table S3.4 Process monitoring requirements ^{Note 1}				
Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Emission Point A9a [point A9a on site plan in Schedule 7]	TVOC emission load	Annually	Not specified	TVOC emission limit value and monitoring in Table S3.1 will apply if the TVOC emission load is above 500 g/h
Emission Point A11a [point A11a on site plan in Schedule 7]	TVOC emission load	Annually	Not specified	TVOC emission limit value and monitoring in Table S3.1 will apply if the TVOC emission load is above 500 g/h. TVOC testing is only required if the Roaster/smoker is used with smoker function in the calendar year

Note 1: There is no requirement to report process monitoring data. The information shall be made available at the Installation for inspection

Schedule 4(a) – Reporting effective until 3 December 2023

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
No monitoring required	N/A	N/A	N/A

Table S4.2: Annual production/treatment	
Parameter	Units
Total product	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw materials used	Annually	tonnes

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	18/01/12
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	18/01/12
Total raw materials used	Form performance 1 or other form as agreed in writing by Natural Resources Wales	18/01/12

Schedule 4(b) – Reporting effective from 4 December 2023

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
Emissions to air Parameters as required by condition 3.5.1.	A9a ^{Note 1} A11a ^{Note 1}	Once every year	1 January
Emissions to sewer Parameters as required by condition 3.5.1	S1	Every 6 months	1 January

Note 1: The emission limit value and monitoring does not apply when the TVOC emission load is below 500 g/h.

Table S4.2: Annual production/treatment	
Parameter	Units
Total product	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	tonnes
Energy usage	Annually	MWh
Total raw material used	Annually	tonnes

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by Natural Resources Wales	04/12/23 Issue 2
Sewer	Form sewer 1 or other form as agreed in writing by Natural Resources Wales	04/12/23
Water usage	Form water usage 1 or other form as agreed in writing by Natural Resources Wales	18/01/12
Energy usage	Form energy 1 or other form as agreed in writing by Natural Resources Wales	18/01/12
Other performance indicators	Form performance 1 or other form as agreed in writing by Natural Resources Wales	18/01/12

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	EPR/VP3235HS
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
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 permit condition	
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) In the event 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:	
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 Natural Resources Wales 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.

“background concentration” means such concentration of that substance as is present in:

- for emissions to surface water, the surface water quality up-gradient of the site; or
- for emissions to sewer, the surface water quality up-gradient of the sewage treatment works discharge.

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

“COD” chemical oxygen demand.

“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 or background concentration limit.

“FOG” fats oils and greases.

“g/h” means grams per hour.

“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.

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

“Natural gas” means naturally occurring methane with no more than 20 % by volume of inert or other constituents.

“operating hours” means the time, expressed in hours, during which a combustion plant is operating and discharging emissions into the air, excluding start-up and shut-down periods.

“Pests” means Birds, Vermin and Insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“TVOC” means total volatile organic compounds.

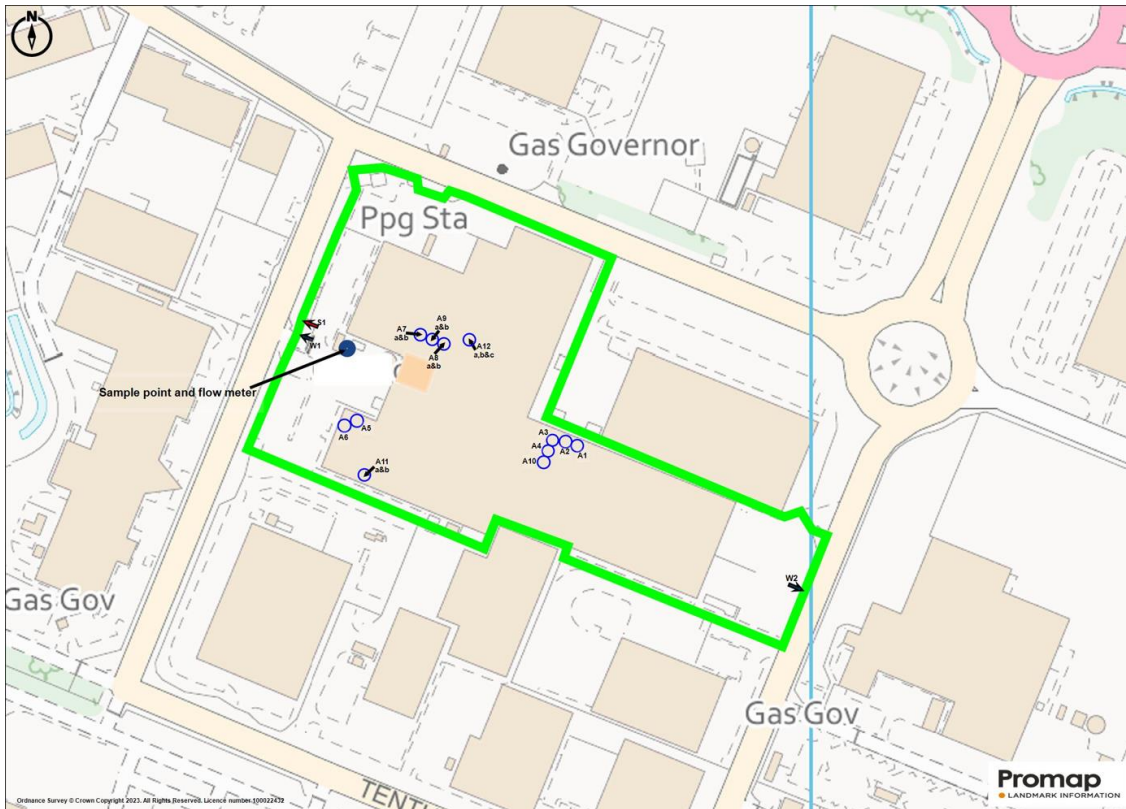
“year” means calendar year ending 31 December.

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:

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

Schedule 7 - Site plan



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END OF PERMIT