

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Pukka Pies Limited

The Halfcroft
Syston
Leicester
LE7 1LD

Variation application number

EPR/FB3595YF/V002

Permit number

EPR/FB3595YF

Pukka Pies Limited

Permit number EPR/FB3595YF

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. All the conditions of the permit have been varied and are subject to the right of appeal.

The standard rules permit has been varied to add an existing Section 6.8 A(1)(d)(iii)(aa) activity. All conditions of the Standard Rules permit are replaced by the consolidated permit.

The Halfcroft is located on an industrial estate to the north of Leicester town centre and west of Syston village, approximately centred on national grid reference SK 61994 11866, within a mixed residential, industrial and agricultural area. The installation is an existing facility, which has operated from this site for over 50 years, operated by Pukka Pies Limited which produces a range of pies, pasties and sausage rolls. The expansion of operations at the site has increased the finished product production capacity to 134 tonnes per day and the site now requires a Part A environmental permit:

Section 6.8 A(1)(d)(iii)(aa): 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) - animal and vegetable raw materials (other than milk only), both in combined and separate products, with a finished product production capacity in tonnes per day greater than—

(aa)75 if A is equal to 10 or more.

where 'A' is the portion of animal material in percent of weight of the finished product production capacity.

The key stages in the process are receipt and storage of raw materials, chopping and mincing, mixing and filling, glazing, cooking and cooling; prior to packing, chilled storage and dispatch. Other associated activities include refrigeration and air conditioning, effluent treatment, waste storage and disposal, and cleaning and hygiene processes.

The site is operational on a 24/7 basis for 364 days per year.

The main emissions to air arise from two natural gas fired boilers, with an aggregated thermal rated input of 6.68 Mwth (emission points A1 and A2), cooking vessel ventilation (A3a to A3g), oven ventilation (A4a to A4v), refrigerant plant (A5a to A5c), cooling towers (A6a to A6d) and flour silos (A7 and A8).

There are three consented discharges to Severn Trent Water's foul sewer: S1, S2 and S3. The effluent consists largely of process water, mainly generated from the cleaning of production vessels, in addition to cooling water, boiler blow down, compressor condensate and vehicle wash water. All site surface water also discharges to the foul sewer via an interceptor (S4).

There are no point source emissions to controlled water.

There are no European designated habitat sites or Sites of Special Scientific Interest within 10km of the installation. There are eight Local Wildlife Sites and one Local Nature Reserve within 2km of the installation.

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Standard rules permit FB3595YF	27/07/2020	Permit issued to Pukka Pies Limited.
Application EPR/FB3595YF/V002 (variation and consolidation)	Duly made 11/05/2022	Application to vary the standard rules permit to add a Section 6.8 A(1)(d)(iii)(aa) activity.
Additional information received	22/08/2022, 23/08/2022, 29/09/2022,06/10/2022, 13/10/2022, 20/10/2022, 06/12/2022 and 31/10/2022	Response to Schedule 5 Notice dated 12/07/2022.
Additional information received	05/01/2023	Response to Schedule 5 Notice dated 06/10/2022.
Additional information received	21/02/2023	Response to request for information clarifying fate of effluent from cooling towers, boilers and compressors.
Additional information received	21/02/2023, 22/03/2023, 29/03/2023 and 30/03/2023	Response to Request for Information providing a revised non-technical summary, revised site drainage plan, clarification with regards to the fate of site surface water, abatement information, revised plan showing emission points to air and sewer and associated table of emission points.
Additional information received	04/04/2023	Response to request for information providing emergency response procedures for refrigerant leaks (document GSOP.12 Ammonia and CO2 Emergency Response).
Additional information received	16/05/2023	Response to Schedule 5 Notice dated 21/04/2023 including submission of a revised Noise Impact Assessment and Noise Management Plan.
Additional information received	08/06/2023	Thermal input capacity for oven burners.
Additional information received	14/06/23 and 15/06/2023	Confirmation of site name change to The Halfcroft, and confirmation regarding throughput of effluent treatment plant capacity.
Variation determined and consolidation issued EPR/FB3595YF Billing reference: FP3908MK	27/06/2023	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/FB3595YF

Issued to

Pukka Pies Limited (“the operator”)

whose registered office is

The Halfcroft

Syston

Leicester

LE7 1LD

company registration number 01008747

to operate a regulated facility at

The Halfcroft

Syston

Leicester

LE7 1LD

to the extent set out in the schedules.

The notice shall take effect from 27/06/2023

Name	Date
Rebecca Warren	27/06/2023

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/FB3595YF

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FB3595YF/V002 authorising,

Pukka Pies Limited (“the operator”),

whose registered office is

**The Halfcroft
Syston
Leicester
LE7 1LD**

company registration number 01008747

to operate an installation at

**The Halfcroft
Syston
Leicester
LE7 1LD**

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

Name	Date
Rebecca Warren	27/06/2023

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

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

1.3 Efficient use of raw materials

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

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

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

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

2 Operations

2.1 Permitted activities

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

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in 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 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.
- 2.3.5 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 except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 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.
- 3.1.4 For the following activities referenced in schedule 1, table S1.1: AR6, the first monitoring measurements shall be carried out within four months of the issue date of the permit or of the date when the MCP is first put into operation, whichever is later.

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.

3.4 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.

3.5 Monitoring

- 3.5.1 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) point source emissions specified in tables S3.1 and S3.2.
- 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 the Environment Agency.
- 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 and S3.2 unless otherwise agreed in writing by the Environment Agency.

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 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.

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.

4.3 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:
- (c) any change in the operator's name or address; and
 - (d) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (e) the death of any of the named operators (where the operator consists of more than one named individual);
 - (f) any change in the operator's name(s) or address(es); and
 - (g) 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.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency 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", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR1	Section 6.8 A(1)(d)(iii)(aa)	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) - animal and vegetable raw materials (other than milk only), both in combined and separate products, with a finished product production capacity in tonnes per day greater than – 75 if A is equal to 10 or more.	Production of pies, pasties and sausage rolls (max 134 tonnes per day)
Directly Associated Activity			
AR2	Storage and handling of raw materials	Storage and handling of raw materials	From receipt of raw materials to use in plant
AR3	Waste storage, handling and disposal	Storage, handling and disposal of wastes associated with the scheduled and associated activities	From generation of waste and by-products pending collection for disposal or recovery.
AR4	Use of ovens	Operation of burners and ovens with a combined thermal input of 10.67 MWth fired on natural gas.	From receipt of fuel to emission of combustion gases.
AR5	Use of refrigerants	Use of refrigerants in cooling, chilling and/or freezing systems at the installation.	From receipt of raw materials to dispatch of final product.
AR6	Effluent treatment	Primary settlement	Treatment of effluent from installation to transfer to foul sewer (less than 50 tonnes per day).
AR7	Steam supply	Medium Combustion plant comprising two natural gas fired boilers with an aggregated thermal rated input of 6.68 Mwth (2 x 3.34 Mwth)	From receipt of fuel and usage to release of combustion products to air.
AR8	Surface water collection and discharge	Collection and discharge of surface water	From collection of surface water to discharge to sewer

Table S1.1 activities			
AR9	Storage of chemicals, fuels and oils	Storage of chemicals, fuels and oils.	From receipt of chemicals, fuels and oils to use for the scheduled and associated activities
AR10	Vehicle washing	Vehicle washing	From cleaning of vehicles to discharge of wash waters to sewer
AR11	Process cooling waters	Operation of two cooling towers	From operation of cooling towers, including chemical dosing.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application FB3595YF (SR2018 No 7)	'Plant details' section of application form for a Medium Combustion Plant/Specified Generators - Standard Rules Permit	23/07/2020
Application	<p>Sections 3d, 5a and 6 of application form Part C2 and supporting documents, and sections 1, 2, 3a, 3c, 4a, 4b, 6a, 6c, 6d, 6e of application Part C3 and supporting documents, including receipt of the following documents:</p> <ul style="list-style-type: none"> • Summary of Management System (Appendix 4) • Plans (Appendix 7 and 8 (Factory plans)) • Environmental risk assessment (Appendix 15 to 17) • Technical standards documents (Appendix 22 (BAT assessment), 23 (tank/bulk container inventory), 24 (site cleaning schedule) and 25 (process flow diagram) • Raw materials inventory (Appendix 29) • Trade effluent monitoring document (Document reference ENV 9.8) • Monitoring of emissions to air (Document reference ENV 9.7) • Energy and efficiency management plan (Appendix 34) • Climate change levy agreement (Appendix 36 and 37) • Waste Management Minimisation Plan (Appendix 38) 	Duly Made 11/05/2022
Response to Schedule 5 Notice dated 12/07/2022	<p>Response to questions 1 to 40 providing the following:</p> <ul style="list-style-type: none"> • Permit application documents master list, including responses to questions 1 to 40 and all referenced documents. • Revised site plan. • Details of drainage to emission point S3 (document reference S3 Freshwater drain protection) • Chemical risk assessment (document reference Chemical Environmental risk assessment) • Chemical spill procedure (document reference HSEP 4-4) 	22/08/2022, 23/08/2022, 29/09/2022, 06/10/2022, 13/10/2022, 20/10/2022 06/12/2022 and 31/10/2022

Table S1.2 Operating techniques		
Description	Parts	Date Received
	<ul style="list-style-type: none"> Revised Odour Management Plan (document reference HSEP 3-9a) External emissions risk assessment (document reference HSEF 3-9-2) BAT assessment F-Gas inventory (document reference HSEF 3-9-6) Environmental Risk Assessment (section 3.0) (document reference ENV 6.5) Secondary containment details for storage tanks. 	
Response to Schedule 5 Notice dated 06/10/2022	Response to question 1 providing raw data files for noise impact assessment.	05/01/2023
Additional information received	Response to request for information clarifying fate of effluent from cooling towers, boilers and compressors.	21/02/2023
Additional information received	Response to request for information providing a revised non-technical summary (sections 2.2, 2.3 and 2.5), revised Environmental Impact Management document (sections 5.1, 5.2 and 5.4 of HSEP 3-9), site drainage plan (document reference PP-20-132.02), clarification with regards to the fate of site surface water, abatement information, and a revised plan showing emission points to air and sewer (Figures 6-2, 6-3, 6-4 and 6-6 of HSEP 3-9) and associated emission point table (Table 6.1 of HSEP 3-9).	21/03/2023, 22/03/2023 29/03/2023 and 30/03/2023
Additional information received	Response to request for information providing emergency response procedures for refrigerant leaks (document GSOP.12 Ammonia and CO2 Emergency Response).	04/04/2023
Response to Schedule 5 Notice dated 21/04/2023	Response to part A to C, including submission of a revised Noise Impact Assessment and Noise Management Plan (document reference HSEP 3-9b).	16/05/2023
Additional information received	Thermal input capacity of oven burners.	08/06/2023
Additional information received	Response to request for information regarding maximum throughput of effluent treatment plant.	15/06/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>The operator shall submit a written 'primary containment plan' to the Environment Agency for review and approval. The plan shall contain the results of an inspection and program of works undertaken by an appropriately qualified engineer and shall assess the extent, design specification and condition of primary containment systems (including associated pipework) where polluting liquids and solids are being stored, treated, and/or handled.</p> <p>The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> An assessment of the physical condition of all primary containment systems (storage and treatment vessels and associated pipework) using a Written Scheme of Examination and their suitability for providing primary containment when subjected to dynamic and static loads. 	27/12/2023

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<ul style="list-style-type: none"> • An assessment of the daily capacity (tonnes or m3 per day) of all vessels which are part of the effluent treatment plant (ETP). • A program of works with timescales for the implementation of individual improvement measures necessary to demonstrate that the primary containment is fit for purpose or alternative appropriate measures to ensure all polluting materials will be contained on site. • A preventative maintenance and inspection regime. <p>The plan shall be implemented in accordance with the Environment Agency's written approval.</p>	
IC2	<p>The operator shall undertake a review, conducted by appropriate competent individuals (qualified civil or structural engineer), in accordance with the risk assessment methodology detailed within CIRIA C736 (2014) guidance, of the condition and extent of secondary and tertiary containment systems where polluting liquids and solids are being stored.</p> <p>The review shall include, but not be limited to, the following for all containment measures at the installation:</p> <ul style="list-style-type: none"> • The physical condition of all containment measures. • The suitability of providing containment when subjected to the dynamic and static loads caused by the vessels' contents or by catastrophic tank failure. • A preventative maintenance inspection regime. <p>Where required, the outcome must contain dates for the implementation of individual improvement measures necessary for the containment measures to adhere to the standards detailed/referenced within CIRIA C736 (2014) guidance, or equivalent.</p> <p>The review shall be submitted to the Environment Agency for agreement and any improvements shall be implemented in accordance with the Environment Agency's written approval.</p>	27/12/2023
IC3	<p>The Operator shall develop a written accident management plan having regard to the requirements set out in Environment Agency guidance Develop a management system: environmental permits - GOV.UK (www.gov.uk), and shall submit the plan in writing to the Environment Agency for approval.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report.</p>	27/07/2023
IC4	<p>a) The Operator shall obtain representative samples of the discharge to sewer at emission point S1, having regard to the relevant requirements of Environment Agency guidance Surface water pollution risk assessment for your environmental permit - GOV.UK (www.gov.uk), and provide the results from a full characterisation of the sample, undertaken by a UKAS accredited laboratory. Results shall be submitted to the Environment Agency.</p> <p>b) Utilising results from the monitoring carried out for part a), the Operator shall undertake a quantitative environmental impact assessment (H1 or other assessment tool with written agreement from the Agency) following the methodology set out in Environment Agency guidance Surface water pollution risk assessment for your environmental permit - GOV.UK (www.gov.uk), evaluating the potential impacts arising from releases to sewer from the installation. Based on the results from the monitoring and impact assessment, the Operator shall identify whether any improvements to reduce the impact are required.</p>	27/09/2023 2 months from completion of IC4(a)

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<p>c) A written report shall be submitted to the Environment Agency detailing the results of the monitoring and impact assessment (together with submission of an electronic copy of the assessment). Where any improvements are identified, the report shall include a plan with proposed timetable for their implementation, as appropriate, and shall seek written approval from the Environment Agency to the timescales indicated within the plan.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report. The operator must implement the plan as approved, and from the date stipulated by the Environment Agency.</p>	27/12/2023
IC5	<p>The Operator shall submit a written plan to the Environment Agency for approval, detailing proposals for replacing refrigerants with a high global warming potential or ozone depleting potential, with refrigerants with a lower global warming potential and without ozone depleting potential, in accordance with BAT Conclusion 9 of the Best Available Techniques (BAT) reference document for the Food, Drink and Milk Industries, dated 2019. Where any improvements are identified, the Operator shall propose a timetable for their implementation, as appropriate, and shall seek written approval from the Environment Agency to the timescales indicated within the report.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan. The Operator must implement the plan as approved, and from the date stipulated by the Environment Agency.</p>	27/12/2023
IC6	<p>a) The Operator shall undertake an air emissions risk assessment which considers the impact of all emissions to air on site on both human and ecological receptors. The assessment should follow the methodology set out in Environment Agency guidance Air emissions risk assessment for your environmental permit - GOV.UK (www.gov.uk). Based on the results from the risk assessment, the Operator shall identify whether any improvements to reduce the impact are required.</p> <p>b) A written report shall be submitted to the Environment Agency detailing the results of the risk assessment (together with submission of an electronic copy of the assessment). Where any improvements are identified, the report shall include a plan with proposed timetable for their implementation, as appropriate, and shall seek written approval from the Environment Agency to the timescales indicated within the plan.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the risk assessment. The operator must implement the plan as approved, and from the date stipulated by the Environment Agency.</p>	<p>27/09/2023</p> <p>1 month from completion of IC6(a)</p>
IC7	<p>The Operator shall submit a written report to the Environment Agency for approval. The report must provide evidence that the mitigation measures to address the main noise sources, as listed below, which are proposed in the noise impact assessment, dated 15/05/23, and Noise Management Plan, dated 17/05/23, to reduce noise caused by site operations have been completed. The report must include construction standards and maintenance measures.</p> <ul style="list-style-type: none"> • The vacuum cooling system situated on the roof of the boiler house. • HGV movements and loading. 	27/12/2023, or other date as agreed in writing by the Environment Agency

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	<ul style="list-style-type: none"> • Electric forklifts that traverse along rough ground to the south-west of the site. • The condenser evaporator towers situated on the roof tops of the site. • Various rooftop ductwork outlets and air handling units. • The diesel generator for the overflow chiller unit. • The internal noise emissions breaking out of the plant rooms. <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report.</p>	
IC8	<p>Upon completion of IC7, the Operator shall prepare and submit a comprehensive noise assessment report to the Environment Agency for approval, undertaken by an experienced and suitably qualified person, in accordance with the procedures given in BS4142:2014 + A1:2019 (Methods for rating and assessing industrial and commercial sound). The assessment shall include the identification and assessment of the impact of noise emissions upon surrounding sensitive receptors arising from site operations.</p> <p>In the event that the report shows that noise could still have an unacceptable impact, the report shall include a plan detailing proposals for the further attenuation and/or management of noise and shall include a timescale, to be agreed with the Environment Agency, for the implementation of the proposed measures.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report. The Operator must implement the plan as approved, and from the date stipulated by the Environment Agency.</p>	2 months from completion of IC7
IC9	<p>The Operator shall submit a written report to the Environment Agency for approval. The report must contain a review of options available to separate all uncontaminated surface water run-off from process wastewater requiring treatment and/or disposal, having regard to BAT Conclusion 7 of the 'Best Available Techniques (BAT) Reference Document for the Food, Drink and Milk Industries', dated 2019.</p> <p>The report shall include a plan with proposals for segregating water streams, together with a timescale, to be agreed with the Environment Agency, for implementation of the proposed measures.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the report. The Operator must implement the plan as approved, and from the date stipulated by the Environment Agency.</p>	27/09/2023
IC10	<p>The Operator shall submit a written report to the Environment Agency for approval, setting out progress to achieving the 'Narrative' BAT where BAT is currently not achieved, but will be achieved before 4 December 2023. The report shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> • Methodology for achieving BAT. • Associated targets /timelines for reaching compliance by 4 December 2023. • Any alterations to the initial plan (in progress reports). <p>The report shall address BAT Conclusion 7a of the Best Available Techniques (BAT) reference document for the Food, Drink and Milk Industries, dated 2019.</p> <p>Refer to BAT Conclusions for a full description of the BAT requirement.</p>	27/09/2023

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location [3]	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Point A1 as shown in Figure 6.2 (Roof Layout Diagram)]	Byworth Yorkshireman boiler 1 (3.34 Mwth)	Oxides of Nitrogen (NO and NO ₂ expressed as NO _x)	100 mg/m ³	Periodic	Once every 3 years [1]	MCERTS BS EN 14792 [2]
		Carbon monoxide	No limit			
A2 [Point A2 as shown in Figure 6.2 (Roof Layout Diagram)]	Byworth Yorkshireman boiler 2 (3.34 Mwth)	Oxides of Nitrogen (NO and NO ₂ expressed as NO _x)	100 mg/m ³	Periodic	Once every 3 years [1]	MCERTS BS EN 14792 [2]
		Carbon monoxide	No limit			
A3a [Point A3a as shown in Figure 6.2 (A3 – Cookhouse Ventilation)]	Cooking vessel air vent	No parameters set	No limit	---	---	---
A3b [Point A3b as shown in Figure 6.2 (A3 – Cookhouse Ventilation)]	Cooking vessel air vent	No parameters set	No limit	---	---	---
A3c [Point A3c as shown in Figure 6.2 (A3 – Cookhouse Ventilation)]	Cooking vessel air vent	No parameters set	No limit	---	---	---
A3d [Point A3d as shown in Figure 6.2 (A3 – Cookhouse Ventilation)]	Cooking vessel air vent	No parameters set	No limit	---	---	---
A3e [Point A3e as shown in Figure 6.2 (A3 – Cookhouse Ventilation)]	Cooking vessel air vent	No parameters set	No limit	---	---	---
A3f [Point A3f as shown in Figure 6.2 (A3 – Cookhouse Ventilation)]	Cooking vessel air vent	No parameters set	No limit	---	---	---

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location [3]	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A3g [Point A3g as shown in Figure 6.2 (A3 – Cookhouse Ventilation)]	Cooking vessel air vent	No parameters set	No limit	---	---	---
A4a [Point A4a as shown in Figure 6.2 (A4 - Oven Ventilation)]	Oven 1 – Burner 1 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4b [Point A4b as shown in Figure 6.2 (A4 - Oven Ventilation)]	Oven 1 – Burner 2 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4c [Point A4c as shown in Figure 6.2 (A4 - Oven Ventilation)]	Oven 1 – Burner 3 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4d [Point A4d as shown in Figure 6.2 (A4 - Oven Ventilation)]	Oven 1 – Burner 4 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4e [Point A4e as shown in Figure 6.2 (A4 - Oven Ventilation)]	Oven 2 – Burner 1 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4f [Point A4f as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven 2 – Burner 2 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4g [Point A4g as shown in Figure 6.2 (A4 - Oven Ventilation)]	Oven 2 – Burner 3 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4h [Point A4h as shown in Figure 6.2 (A4 - Oven Ventilation)]	Oven 2 – Burner 4 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4i [Point A4i as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven 3 – Burner 1 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location [3]	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A4j [Point A4j as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven 3 – Burner 2 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4k [Point A4k as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven 3 – Burner 3 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4l [Point A4l as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven 3 – Burner 4 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4m [Point A4m as shown in Figure 6.2 (A4 -Oven Ventilation)]	Manual oven – Burner 1 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4n [Point A4n as shown in Figure 6.2 (A4 -Oven Ventilation)]	Manual oven 1 – Burner 2 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4o [Point A4o as shown in Figure 6.2 (A4 -Oven Ventilation)]	Manual oven 1 – Burner 3 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4p [Point A4p as shown in Figure 6.2 (A4 -Oven Ventilation)]	Manual oven – Burner 4 Flue (0.67 Mwth)	No parameters set	No limit	---	---	---
A4q [Point A4q as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven Area Air Vent 1	No parameters set	No limit	---	---	---
A4r [Point A4r as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven Area Air Vent 2	No parameters set	No limit	---	---	---
A4s [Point A4s as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven Area Air Vent 3	No parameters set	No limit	---	---	---

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location [3]	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A4t [Point A4t as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven Area Air Vent 4	No parameters set	No limit	---	---	---
A4u [Point A4u as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven Area Air Vent 5	No parameters set	No limit	---	---	---
A4v [Point A4v as shown in Figure 6.2 (A4 -Oven Ventilation)]	Oven Area Air Vent 6	No parameters set	No limit	---	---	---
A5a [Point A5a as shown in Figure 6.2 (Roof Layout Diagram)]	Refrigeration Plant Valve Station 1	No parameters set	No limit	---	---	---
A5b [Point A5b as shown in Figure 6.2 (Roof Layout Diagram)]	Refrigeration Plant Valve Station 2	No parameters set	No limit	---	---	---
A5c [Point A5c as shown in Figure 6.2 (Roof Layout Diagram)]	Refrigeration Plant Valve Station 3	No parameters set	No limit	---	---	---
A6a [Point A6a as shown in Figure 6.2 (Roof Layout Diagram)]	Cooling tower 1	No parameters set	No limit	---	---	---
A6b [Point A6b as shown in Figure 6.2 (Roof Layout Diagram)]	Cooling tower 2	No parameters set	No limit	---	---	---
A6c [Point A6c as shown in Figure 6.2 (Roof Layout Diagram)]	Cooling tower 3	No parameters set	No limit	---	---	---
A6d [Point A6d as shown in Figure 6.2 (Roof Layout Diagram)]	Cooling tower 4	No parameters set	No limit	---	---	---
A7 [Point A7 as shown in Figure 6.2 (Roof Layout Diagram)]	Flour silo 1, via bag filter	No parameters set	No limit	---	---	---
A8 [Point A8 as shown in Figure 6.2 (Roof Layout Diagram)]	Flour silo 2, via bag filter	No parameters set	No limit	---	---	---

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location [3]	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
6.2 (Roof Layout Diagram)]						
AHU1, AHU4 to AHU7, AHU9, AHU11 and AHU14 [Points AHU1, AHU4 to AHU7, AHU9, AHU11, and AHU14, as shown in Figure 6.6 (Roof Layout Diagram)]	Air handling units from various internal rooms	No parameters set	No limit	---	---	---

Notes

[1] Monitoring frequency following first monitoring requirements for MCP in accordance with Condition 3.1.4 as required by Annex III Part 1, Section 2 of the Medium Combustion Plant Directive.

[2] Monitoring requirements are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O₂ content of 6% for solid fuels, 15% for engines and gas turbines and 3% all other MCPs

[3] Document reference 'HSEP 3-9 Environmental Impact Management', received on 04/04/23.

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location [1]	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 [Point S1 as shown in Figure 6.4 (Emission Points)] emission to Severn Trent Water Wanlip Sewage Treatment Works	Process effluent from cooking, the cleaning of production lines, cooling water, boiler blow down and compressor condensate, via a settlement pit	No parameters set	No limit	---	---	---
S2 [Point S2 as shown in Figure 6.4 (Emission Points)] emission to Severn Trent Water Wanlip Sewage	Process effluent from cooking, the cleaning of production lines, cooling water, boiler blow down and compressor condensate	No parameters set	No limit	---	---	---

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site–emission limits and monitoring requirements						
Emission point ref. & location [1]	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
Treatment Works						
S3 [Point S3 as shown in Figure 6.4 (Emission Points)] emission to Severn Trent Water Wanlip Sewage Treatment Works	Vehicle wash water, via an interceptor	No parameters set	No limit	---	---	---
S4 [Point S4 as shown in Figure 6.4 (Emission Points)] emission to Severn Trent Water Wanlip Sewage Treatment Works	Uncontaminated site surface water from roofs and non-operational areas, via interceptors	No parameters set	No limit	---	---	---

Notes

[1] Document reference 'HSEP 3-9 Environmental Impact Management', received on 04/04/23.

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
Point source emissions to air Parameters as required by condition 3.5.1	A1, A2,	Every 3 years [1]	From first monitoring requirements in accordance with Condition 3.1.4

Notes

[1] Monitoring frequency following first monitoring requirements for MCP in accordance with Condition 3.1.4 as required by Annex III Part 1, Section 2 of the Medium Combustion Plant Directive.

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

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
Energy usage	Annually	MWh
Waste produced	Annually	tonnes
COD efficiency	Annually*	COD te/te product
Food waste	Annually	Tonnes
*COD efficiency to be calculated on a weekly frequency, reported annually		

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Food Waste	Food Waste Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1 06/02/2023

Table S4.4 Reporting forms		
Parameter	Reporting form	Form version number and date
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	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

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

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

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

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	

Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

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

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

“Food waste” reporting: Reporting of food waste to use a methodology such as the global Food Loss and Waste Accounting and Reporting Standard (FLW standard) , WRAP’s Target Measure Act initiative or similar.

“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.

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

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“Pests” means Birds, Vermin and Insects.

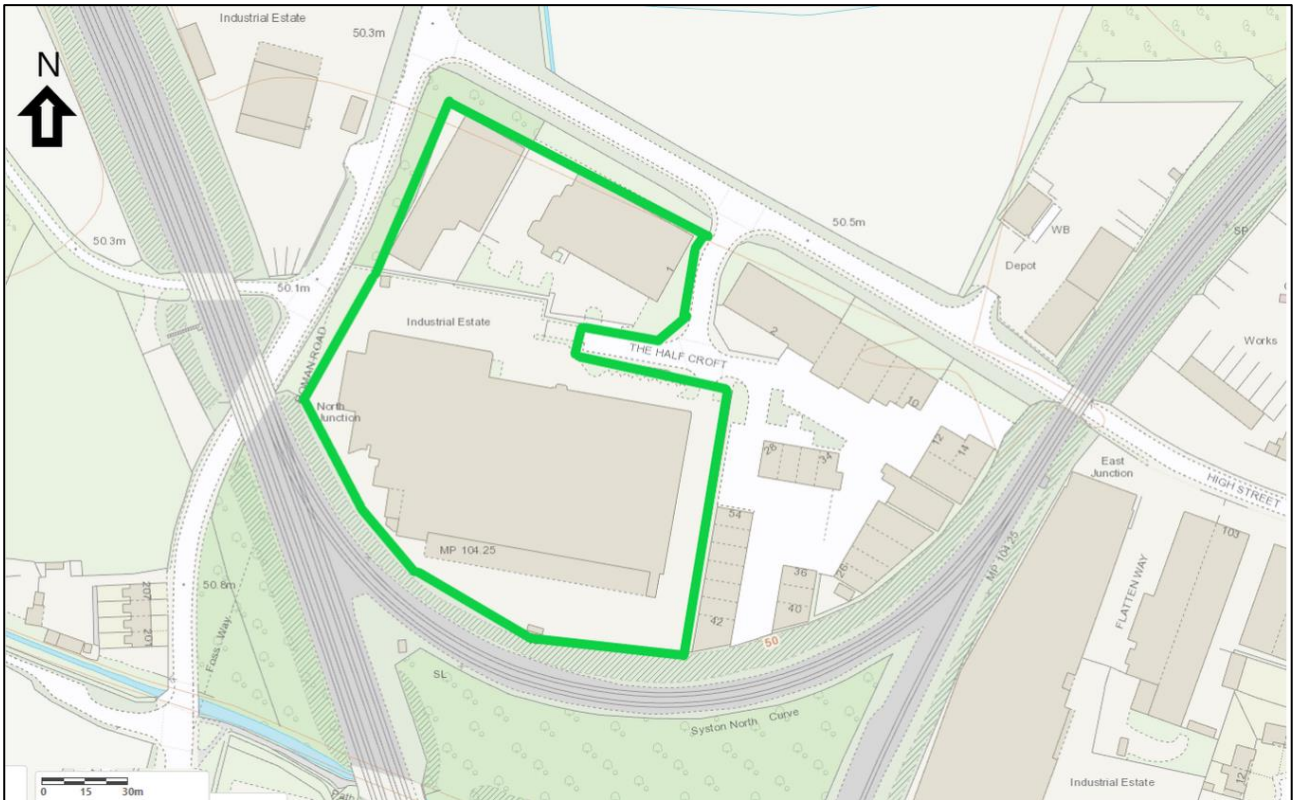
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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 gas engines or gas turbines, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous 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

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



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END OF PERMIT

Reporting Forms

Emissions to Air Reporting Form

Permit number: EPR/FB3595YF

Operator: Pukka Pies Limited

Facility name: The Halfcroft

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

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

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

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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

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

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

Water Usage Reporting Form

Permit number: EPR/FB3595YF

Operator: Pukka Pies Limited

Facility name: The Halfcroft

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

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/FB3595YF

Operator: Pukka Pies Limited

Facility name: The Halfcroft

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

Energy source	Energy consumption / production (MWh)	Specific energy consumption (MWh/unit) ²
Heat exported	<i>[insert annual production in MWh where heat is exported]</i>	Not applicable

Operator's comments

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

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

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

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

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

Other Performance Parameters Reporting Form

Permit number: EPR/FB3595YF

Operator: Pukka Pies Limited

Facility name: The Halfcroft

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.

Food Waste Reporting Form

Permit number: **EPR/FB3595YF**

Operator: **Pukka Pies Limited**

Facility name: **The Halfcroft**

Food Waste Reporting Form: version 1, 06/02/2023

Reporting of food waste for the period from *[DD/MM/YY]* to *[DD/MM/YY]*

Overall food waste (tonnes)	
Food waste as % of product	
Food waste disposal routes	<i>As specified below</i>

Source	Tonnage
Redistribution for human consumption	
Animal feed	
Bio-based materials/biochemical processing (e.g. feedstock for other industrial products)	
Anaerobic digestion/codigestion	
Composting/aerobic processes	

Incineration/controlled combustion	
Land application	
Landfill	
Sewer/wastewater treatment (e.g. as COD)	
Other (Please specify)	

Signed: *[Name]*

Date: *[DD/MM/YY]*

(Authorised to sign as representative of the operator)

Guidance for use: Use this form to report your food waste metrics.

Reporting of food waste should be to a set methodology such as the global Food Loss and Waste Accounting and Reporting Standard (FLW standard).

Example text is shown in bracketed grey italics. Replace the example text by entering your own site specific information.