

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Young's Seafood Limited
Humberstone Road Fish Processing
Humberstone Road
Grimsby
North East Lincolnshire
DN32 8HP

Permit number

EPR/BQ1972IR

Humberstone Road Fish Processing

Permit number EPR/BQ1972IR

Introductory note

This introductory note does not form a part of the permit

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

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

Changes introduced by this variation (V006)

This variation, in consequence of an application by the Operator, comprises an increase to the production capacity from 288 tonnes per day to 384 tonnes per day by the expansion of the existing F Factory production facility with a new process line (known as "F2 Factory") and associated infrastructure (including refrigeration plant), to undertake the production of coated fish products.

This change includes the addition of 3 new emission points to air. Two will serve the fryers (A22 & A23), and one will serve a 0.6MW thermal oil heater (A24). A21 serves the scraps fryer which was previously omitted and has been included in this variation.

We have also updated the listed activity and Directly Associated Activities to a more accurate description of the permitted activities, based on the raw materials processed and processes undertaken. We have also updated the relevant DAA's and permit conditions to reflect the multi-operator installation status of the site (CHP plants which serve the site have been installed under permit reference EPR/CP3409MY, which is operated by a third party).

The main features of the installation

Humberstone Road Fish Processing is a food manufacturing facility operated by Young's Seafood Limited. The installation produces ready-made frozen and chilled meals, chilled salmon portions and coated fish products. The basic stages of the production process involve defrosting of fish, portioning of fish, coating of fish, frying, refreezing and packaging, falling under **Section 6.8 Part A(1)(d)(iii)(aa): Treatment and processing of animal and vegetable raw materials (other than milk only), both in combined and separate products, with a finished product production capacity greater than 75 tonnes per day.**

The main emissions to air arise from fryers, hot water boilers and thermal oil heaters.

Abatement is provided by a wet scrubber on the "E factory" exhaust stacks and oil mist eliminators in the fryers themselves.

In terms of emissions to water; the installation holds two trade effluent discharge consents from Anglian Water to discharge up to 500m³/day of effluent to the Pyewipe Waste Water Treatment Works. One serves the existing C, D, and E Factories, and the other serves the F Factory.

Process effluent from D Factory is treated via an effluent treatment plant to the north of the site. It is passed through an oil and grease trap where compressed air is used to flocculate the effluent prior passing over a weir and into a 60 m³ settlement tank. The settlement tank contains three scum boards to prevent surface scum from passing into the public sewer. The oil and grease trap and sludge from the settlement tank is emptied by suction tanker on a weekly basis and taken offsite for disposal.

Effluent from the F Factory is treated in a separate effluent treatment plant. It gravitates to a pit from where it is pumped over a screen to remove all particles larger than 1mm diameter, which are compacted for off-site disposal. Screened water gravitates to a 150 m³ balance tank and from there is pumped through a dissolved air flotation plant. Chemicals are added before the DAF to create “flocs” (coagulated and flocculated fats and proteins present in the wastewater and caused by chemical reaction with them). These float to the top of the DAF before being skimmed off and pumped to a 70 m³ storage tank for off-site disposal. Treated effluent is discharged to sewer.

The operation of the effluent treatment systems falls under **Section 5.4 Part A(1)(a)(ii): Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.**

Waste edible oils and fish wastes are taken off-site by a contractor and are used by a separate company as an ingredient in animal feed. Cardboard and paper waste is taken off-site by a contractor for recycling, other general process waste (waste from effluent pit, general factory packaging and canteen waste) is disposed to landfill.

The permitted site covers an area of approximately 9.1 hectares. Residential areas surround the site and lie within 50m to the east and west, 150 m to the north and 300 m to the south. Public playing fields are adjacent to the site on both the north and south perimeters.

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/BQ1972IR/A001	Duly made 24/09/04	
Additional information received	15/12/04	
Additional information received	28/01/05	
Additional information received	07/02/05	
Permit determined EPR/BQ1972IR/A001	01/03/05	Permit issued to Young's Bluecrest Seafood Limited.
Variation application EPR/BQ1972IR/V002 (variation and consolidation)	Duly made 11/02/14	Application to vary the permit to reflect what's on site and update the permit to modern conditions to include the requirements of IED.
Variation issued EPR/BQ1972IR/V002	06/05/14	Varied and consolidated permit issued to Young's Seafood Limited.
Application EPR/BQ1972IR/V003 (variation and consolidation)	Duly made 21/01/16	Application to vary to add a new salmon line and listed activity for the ETP and update the permit to modern conditions.
Variation determined EPR/BQ1972IR	05/04/16	Varied and consolidated permit issued in modern condition format.
Variation application EPR/BQ1972IR/V004	Duly made 13/04/16	Application to amend Installation layout plan.
Variation issued EPR/BQ1972IR	07/06/16	Varied permit issued to Young's Seafood Limited
Variation application EPR/BQ1972IR/V005	Duly made 17/09/18	Application to vary the permit to add two new manufacturing lines producing coated fish and scampi, and to add new sauce plant to existing facilities.
Additional information received	29/11/18	Clarification of the thermal inputs and emissions points of new boilers, and an updated air quality assessment.
Additional information received	18/04/19	Updated site plan highlighting all emission points.

Status log of the permit		
Description	Date	Comments
Permit determined EPR/BQ1972IR	26/04/19	Permit issued to Young's Seafood Limited.
Variation application EPR/BQ1972IR/V006	Duly made 19/07/21	Application for a variation to install a new production line (F2 Factory)
Permit determined EPR/BQ1972IR [Billing reference: NP3302LE]	12/10/21	Varied and consolidated permit issued.

Other Part A installation permits relating to this installation		
Operator	Permit number	Date of issue
YSF Energy Centres Ltd	EPR/CP3409MY	12/10/2021

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/BQ1972IR

Issued to

Young's Seafood Limited ("the operator")

whose registered office is

**Ross House
Wickham Road
Grimsby
North East Lincolnshire
DN31 3SW**

company registration number **03751665**

to operate part of a regulated facility at

**Humberstone Road Fish Processing
Humberstone Road
Grimsby
North East Lincolnshire
DN32 8HP**

to the extent set out in the schedules.

The notice shall take effect from 12/10/2021

Name	Date
Anne Lloyd	12/10/2021

Authorised on behalf of the Environment Agency

Schedule 1

Only conditions the following have been varied by the consolidated permit EPR/BQ1972IR/V006:

The following conditions were varied as a result of the application made by the operator:

- Table S1.1, as referenced by condition 2.1.1, has been amended to reflect the increased production capacity and changes to DAA descriptions as a result of this variation.
- Table S1.2, as referenced by conditions 2.3.1 and 2.3.2, has been amended to reflect the revised operating techniques as a result of this variation.
- Table S3.1, as referenced by conditions 3.1.1, 3.5.1 and 3.5.3 has been amended to reflect the addition of emission points A21, A22, A23 and A24 as a result of this variation.
- Condition 1.5.1 has been added to reflect the multi-operator installation status of the site.
- Condition 4.4.2 has been updated to reflect the multi-operator installation status of the site.
- Site Plan in Schedule 7, as referenced by condition 2.2.1, has been updated to reflect the additional emission points, and the location of the other installation operated on site (edged in red) as part of a multi-operator installation.

The following conditions were varied as a result of an Environment Agency initiated variation:

- Table S1.1, as referenced by condition 2.1.1, has been amended to reflect a more accurate listed activity and DAA descriptions.
- IC16 in Table S1.3, as referenced by condition 2.4.1, has added to require a revised Odour Management Plan, as a result of this variation.
- Condition 4.3.2 has been updated to reflect the modern EPR conditions.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/BQ1972IR

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/BQ1972IR/V006 authorising,

Young's Seafood Limited ("the operator"),

whose registered office is

**Ross House
Wickham Road
Grimsby
North East Lincolnshire
DN31 3SW**

company registration number **03751665**

to operate an installation at

**Humberstone Road Fish Processing
Humberstone Road
Grimsby
North East Lincolnshire
DN32 8HP**

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

Name	Date
Anne Lloyd	12/10/2021

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.

1.5 Multiple operator installations

- 1.5.1 Where the operator notifies the Environment Agency under condition 4.3.1 (a) or 4.3.1 (c), the operator shall also notify without delay the other operator(s) of the installation of the same information.

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, which represents the extent of the installation covered by this permit, and that of the other operator of the installation shown by the area edged red on the site plan.

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.

3.2 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 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:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

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

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

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

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

4.3.7 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 "without delay", 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 Part A(1) (d) (iii) (aa)	Treatment and processing of animal and vegetable raw materials (other than milk only), both in combined and separate products, with a finished product production capacity greater than 75 tonnes per day.	From receipt and storage of raw materials to despatch of finished packaged product. Total production capacity 384 tonnes/day.
AR2	Section 5.4 Part A(1) (a) (ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.	From receipt of effluent to the effluent treatment plant to point of discharge to sewer.
Directly Associated Activity			
AR3	Combustion plant	Operation of hot water boilers and thermal oil heaters with an aggregated thermal input 10.79MWth	From receipt of fuels to emission of combustion gases.
AR4	Raw materials	Storage and handling of raw materials, ingredients and cleaning materials received in various containers, including refrigerated storage	From receipt and storage of raw materials, ingredients and cleaning materials to transfer to processing areas
AR5	Finished product	Storage and handling of finished product and co-product in various containers	From receipt of finished product and co-product from the production areas to forwarding for despatch
AR6	Waste and by-product storage	Storage and handling of waste materials arising from processing activities according to category, including preparation for disposal or recovery	From generation of waste materials to despatch for disposal or recovery
AR7	Refrigeration systems	Operation of cooling and refrigeration systems.	From receipt of raw materials to despatch of finished products.
AR8	Import heat and power	Import of heat and power from Humberstone Road Energy Centre	Utilisation on site of the heat and power supplied.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/BQ1972IR/A001	Response to questions 2.1 and 2.2 given in pages 4 to 21 of the application.	01/09/04
Application EPR/BQ1972IR/V002	Responses to Parts C2 & C3 section 3 of the application form and referenced supporting documentation which supersede the original application responses to questions 2.1 and 2.2 given in pages 4 to 21 received on the 01/09/04. Trade effluent consent and site drainage arrangements – (06/02/2014) Confirmation of Point source emissions to air – (11/02/2014)	11/02/14
Application EPR/BQ1972IR/V003	Main application document Humberstone Road Variation 2015", Section 3, parts headed 'Process Description' and 'Effluent Plant'	19/01/16
Application EPR/BQ1972IR/V003	Response to Form C3, question 3a, technical standards	21/01/16
Application EPR/BQ1972IR/V005	Parts C2 and C3 of the application and the supplementary information, including noise and odour management plans, supplied with these parts.	Duly Made 17/09/18
Response to Schedule 5 Notice dated 06/11/18	Response to questions 1 to 5 clarifying the thermal inputs and emissions points of new boilers, and adding further detail to the air quality assessment.	29/11/18
Application EPR/BQ1972IR/V006	Response to Question 3 in EP Application Form Part C3: Technical Standards Supporting information "Main Document" Supporting information "BAT Assessment"	Duly made 19/07/21

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC16	The Operator shall undertake a holistic review of the current Odour Management Plan to take into consideration the changes at the site introduced by V006, and revise the plan accordingly. The operator shall provide a copy of the revised plan for review by the Environment Agency, for approval in writing.	12/04/2022

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 - A4 as shown on the site plan in schedule 7	Stacks from fryers in C Factory	Fryer exhaust fumes	No limit set	---	---	---
A5 as shown on the site plan in schedule 7	Stack from fryer in E Factory	Fryer exhaust fumes	No limit set	---	---	---
A6 & A7 as shown on the site plan in schedule 7	Stacks from hot water boilers in F Factory	Combustion gases	No limit set	---	---	---
A8 - A11 as shown on the site plan in schedule 7	Stacks from thermal oil boilers in C Factory	Combustion gases	No limit set	---	---	---
A12 - A13 as shown on the site plan in schedule 7	Stacks from thermal oil boilers in E factory	Combustion gases	No limit set	---	---	---
A15 & A16 as shown on the site plan in schedule 7	Stacks from steam boilers in C Factory	Combustion gases	No limit set	---	---	---
A17 - A18 as shown on the site plan in schedule 7	Stacks from fryers in F Factory	Fryer exhaust fumes	No limit set	---	---	---
A19 - A20 as shown on the site plan in schedule 7	Stacks from thermal oil boilers in F Factory	Combustion gases	No limit set	---	---	---
A21 as shown on the site plan in schedule 7	Stack from scraps fryer in F Factory	Fryer exhaust fumes	No limit set	--	--	--
A22 & A23 as shown on the site plan in schedule 7	Stacks from fryers in F2 Factory	Fryer exhaust fumes	No limit set	--	--	--
A24 as shown on the site plan in schedule 7	Stack from thermal oil boiler in F2 Factory	Combustion gases	No limit set	--	--	--

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	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 Discharge of site effluent to sewer and Pyewipe Waste Water Treatment Works, Grimsby, via interceptor as shown on the site plan reference "Emissions & Storage", received 18/04/19	Effluent treatment point and effluent treatment plant (Humberstone Road side)	Process effluent	No limit set	---	---	---
S2 Discharge of site effluent to Pyewipe Waste Water Treatment Works, Grimsby, via interceptor as shown on the site plan reference "Emissions & Storage", received 18/04/19	Effluent treatment point and effluent treatment plant (Ladysmith Road side)	Process effluent	No limit set	---	---	---

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
Water usage	--	Annually	01/04/05
Energy usage	--	Annually	01/04/05
Waste disposal and/or recovery	--	Annually	01/04/05

Table S4.2: Annual production/treatment	
Parameter	Units
Total Site Production Product	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
BOD	Every 3 months	BOD/tonne product
Energy consumption	Annually	MWh/tonne product
Potable water usage	Annually	m ³ /tonne product
Non-Potable water usage	Annually	m ³ /tonne product
Waste disposal	Annually	Tonne/ tonne product
Waste recovery	Annually	Tonne/ tonne product
Usage of ammonia refrigerant	Annually	Kg

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 the Environment Agency	01/03/05
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	01/03/05
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	01/03/05

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

“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.

“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.

“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.

“Pests” means Birds, Vermin and Insects.

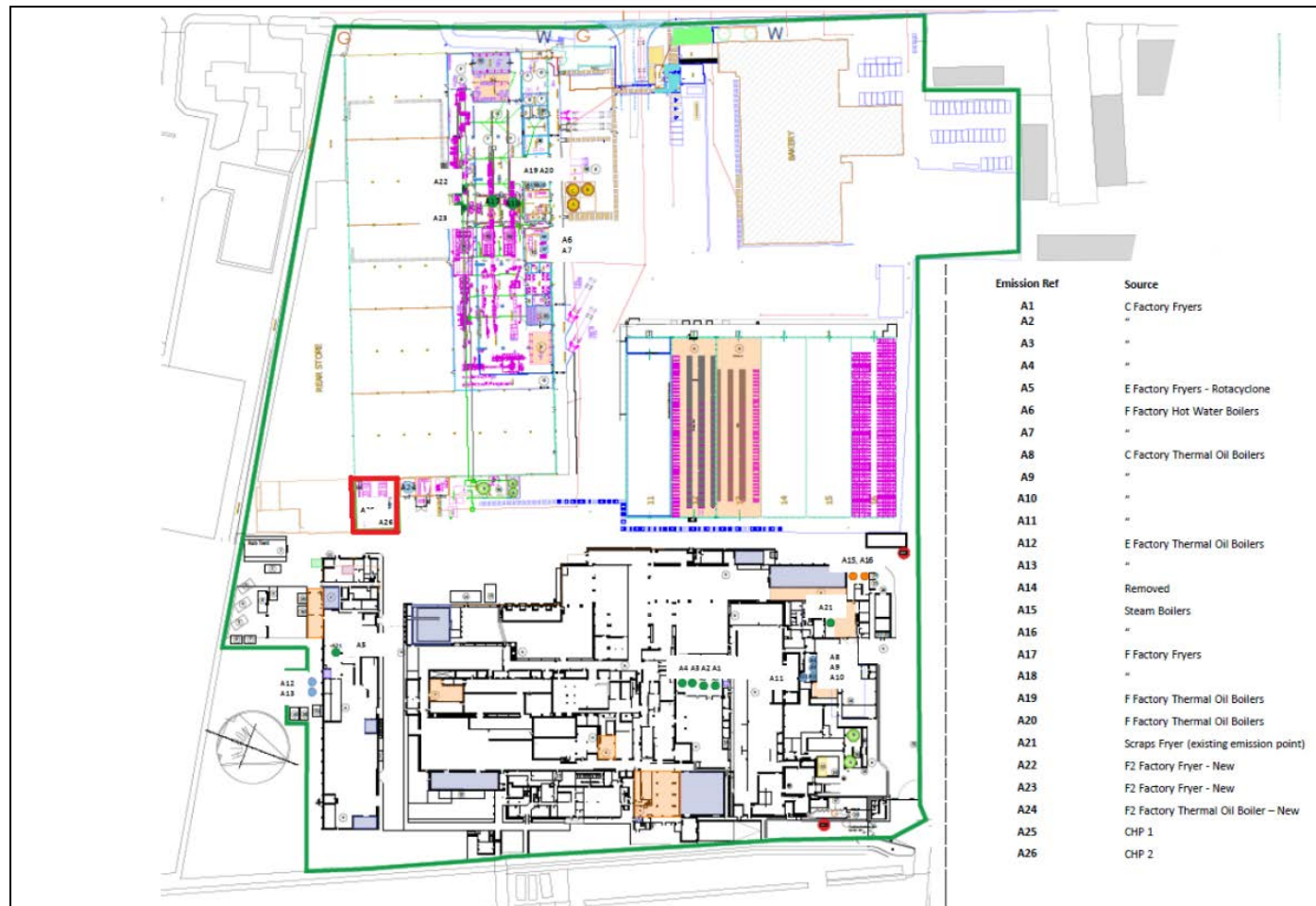
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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 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