Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Sedalcol UK Limited

Selby Wheat Processing Facility
Denison Road
selby
North Yorkshire
YO8 8AN

Variation application number

EPR/KP3030TZ/V007

Permit number

EPR/KP3030TZ

Selby Wheat Processing Facility
Permit number EPR/KP3030TZ

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.

Variation Changes

The variation involves the following changes within the installation:

- The introduction of a new CHP facility (GT3 gas turbine and Boiler 10) with associated emission points A40 and A41.A41 emission with GT3 and boiler 10 operation permitted to ensure Medium Combustion Plant Directive compliance.
- The total installation thermal input capacity of aggregated combustion plant is increased from 47.8 MW to 77.9 MW leading to the introduction of a new 1.1 A(1) Combustion Activity
- An additional emergency back-up Diesel Generator (emission point A42)
- Removal of emission A2 linked to decommissioned original Gas Turbine and Gas Boiler 8.
- New Food and Drink activity mechanical local ventilation improvements and new emission points (A43 to A45).
- Decommissioning of the citric acid facility and relevant chemical activity 4.1 A (1) without removal of the land linked to this facility.
- Removal of option to burn biogas in otherwise gas fired boilers. The directly associated activity is now revised to be limited to the flaring of biogas. With this change the relevant pre-operational condition linked to the burning of biogas is removed

There are no changes to the installation boundary or changes to remaining chemical and effluent treatment activities linked to this variation.

Generic Installation Description

The main features of the permit are as follows:

The installation is located approximately 1km to the east of Selby. The site is centred on National Grid Reference SE 62930 31732.

There are three Special Areas of Conversation (SAC) and one Special Protection Area (SPA) and one Ramsar Site within the 10 km screening distance. There are seven other conversation sites within the 2km screening distance of the installation.

The installation principal scheduled activity is a chemical production process. The relevant scheduled activity under the Environmental Permitting Regulations is as follows:

“Section 4.1 A(1) (a) (ii) Manufacture of ethanol from liquefied starch mash.”

There are also the following supporting scheduled activities as follows:

- Section 1.1. A(1) (a) Combustion activity
- Section 5.4 A (1) (a) (i) Effluent treatment activity

- Section 6.8 B (a) (iii) (aa) Food and drink activities; two such activities.

The directly associated activities are as follows:

- Ozone treatment
- Flaring of biogas

Sedalcol UK limited operates a Potable Ethyl Alcohol, Refined Starch and Vital Wheat Gluten production plant .The existing plant processes local wheat to produce Grain Neutral Alcohol, native and modified dry starch for the UK market, including co-products from dry milling (bran), wet separation (gluten) and distillation (stillage).

Locally sourced wheat is dry milled into flour, producing as a co-product bran which is pneumatically transferred and stored in dedicated storage where it is out loaded to be used within animal feed applications. The refined flour product is combined with water supplied from onsite boreholes (licence: NE/027/0024/021/R01), allowing extraction of starch and the wet separation of gluten.

Gluten is dried and segregated into dedicated vessels allowing for gluten to be loaded in bulk tankers or to be filled into 1 tonne bags within the dedicated 'big bag filling station', these products are used for food application within baking industries and also animal feeds.

Starch is graded for two uses; refined starch is dried, stored and off loaded into bulk tankers. Dried Native Starch is used within the paper industry, Modified Starch is predominantly used for applications such as corrugated cardboard. Residual starch; through use of enzymes and heat is converted into sugar and further into alcohol with the addition of yeast in a continuous fermentation process. This product is then distilled to obtain Potable Ethyl Alcohol, which is stored in dedicated bunded storages and sold within the spirits and liquor industry. Distillation products are stored to be sold within the refining industry. An evaporator is used to concentrate stillages produced through distillation, this co product is loaded into tankers, used for feed applications.

On site Waste Water Treatment Plant (WWTP) is a biological anaerobic digestion process operated to treat process wastewater, mainly condensate from stillage evaporator and ground water run off producing an effluent suitable for discharge to the River Ouse. The Biogas produced is flared locally. A cooling water system is used for process control, water chemistry is monitored and levels controlled in the way of blow down which is mixed with the WWTP effluent and analysed before discharge to the River Ouse.

Onsite combined heat power (CHP) units provide heat in the form of steam and electrical power for all onsite operations, back up emergency generators are in place to be used in the event of power grid failure in order to control critical operations safely.

This permit implements the requirements of the European Union Directive on Industrial Emissions.

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**
Application BU4732IJ (EPR/BU4732IJ/A001) received	29/08/03	
Additional information received	19/12/03	
Permit determined BU4732IJ EPR/BU4732IJ	31/12/03	
Application for variation CP3137PW (EPR/BU4732IJ/V002) received	02/08/04	
Variation notice CP3137PW issued. (EPR/BU4732IJ/V002)	10/11/04	
Application for variation BP3334MF (EPR/BU4732IJ/V003) received	11/12/06	
Additional information received: Emissions monitoring report (06/360A) for glycerol trial fermentations	22/01/07	

Status log of the permit		
Description	**Date**	**Comments**
Additional information received: Revised H1 assessment	23/01/07	
Variation notice BP3334MF issued (EPR/BU4732IJ/V003)	12/03/07	
Application for variation TP3233XC (EPR/BU4732IJ/V003)	16/10/07	
Variation notice TP3233XC issued (EPR/BU4732IJ/V003)	24/10/07	
Whole transfer application EPR/GP3835XE/T001 received	28/12/07	
Whole transfer EPR/GP3835XE issued	06/02/08	
Application EPR/GP3835XEV002	Duly made 17/11/08	
Requested further information	05/01/09	Received 22/01/09
Additional information received: Biogas CHP	12/02/09	
Requested further information	13/03/09	Received 24/03/09
Variation Notice EPR/GP3835XE/V001 issued (reference should have read EPR/GP3835XE/V002)	19/06/09	
Whole Transfer Application EPR/KP3030TZ/T001 (previous permit EPR/GP3835XE)	Duly made 19/03/10	
Transfer determined EPR/KP3030TZ	08/04/10	
Variation application EPR/KP3030TZ/V002	Duly made 28/07/11	
Revised Variation application EPR/KP3030TZ/V002 received	05/08/11	
Schedule 5 dated 10/08/11 response	17/10/11	
Additional clarification linked to atmospheric combustion emissions , odour management plan and various other matters	24/11/11	
Variation determined EPR/KP3030TZ/V002 (varied and consolidated permit issued)	13/12/11	
Agency variation determined EPR/KP3030TZ/V003	27/02/14	Agency variation to implement the changes introduced by IED
Variation application EPR/KP3030TZ/V004	23/04/14	
Schedule 5 dated 28/04/14	Response dated 19/06/14	
Variation determined EPR/KP3030TZ/V004	30/06/14	
Variation application EPR/KP3030TZ/V005	Duly Made 25/09/15	
Schedule 5 dated 25/09/15	Response dated 11/11/15	
Variation determined EPR/KP3030TZ/V005 [Billing reference UP3337AP]	20/11/15	
Application Variation EPR/KP3030TZ/V006	Duly Made 06/06/17	Addition of 2 new emission points A38 and A39.
Variation determined EPR/KP3030TZ/V006 (Billing Ref: CP3334YP)	07/07/17	Varied permit issued
Application Variation EPR/KP3030TZ/V008 Schedule 61 responses	08/08/18 and 07/11/18.	Environment Agency initiated variation.
Application Variation EPR/KP3030TZ/V007	Duly Made 25/04/19	
Request for information response	30/04/19	
Schedule 5 dated 06/05/19	13/05/19 , 20/05/19 and 22/5/19.	
Request for information response	18/06/19	
Variation determined EPR/KP3030TZ/V007 (Billing Ref: NP3603PL)	25/06/19	

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 and consolidates

Permit number

EPR/KP3030TZ

Issued to

Sedalcol UK Limited ("the operator")

whose registered office is

Denison Road
Selby
North Yorkshire
YO8 8AN

company registration number **07023586**

to operate a regulated facility at

Selby Wheat Processing Facility
Denison Road
selby
North Yorkshire
YO8 8AN

to the extent set out in the schedules.

The notice shall take effect from **25/06/19**

Name	Date
Philip Lamb	**25/06/19**

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/KP3030TZ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/KP3030TZ/V007 authorising,

Sedalcol UK Limited ("the operator"),

whose registered office is

Denison Road
Selby
North Yorkshire
YO8 8AN

company registration number **07023586**

to operate an installation at

Selby Wheat Processing Facility
Denison Road
selby
North Yorkshire
YO8 8AN

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

Name	Date
Philip Lamb	**25/06/19**

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

1.2 Energy efficiency

1.2.1 The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

(a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and

(b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

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

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated 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 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.

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 performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by 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 S4.3; 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where 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.

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

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

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

4.4 Interpretation

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

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

Schedule 1 – Operations

Table S1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	**Description of specified activity and WFD Annex I and II operations**	**Limits of specified activity and waste types**
Section 4.1 A(1) (a) (ii)	Manufacture of ethanol from liquefied starch mash.	Receipt of raw materials to despatch of product and handling of process wastes
Section 6.8 (B) (a) (iii) (aa)	Processing, storing or drying by the application of heat the whole or part of any dead animal or any vegetable matter (other than the treatment of effluent so as to permit its discharge into controlled waters or into a sewer unless the treatment involves the drying of any material with a view to its use as animal feedstuff) if the processing, storing or drying - (iii) may result in the release into the air of— (aa) any substance in paragraph 6(3) of Part 1 of this Schedule.	Manufacture of industrial wheat dried starch (or modified starch) from starch slurry. Receipt of raw materials to despatch of product and handling of process wastes ’
Section 6.8 (B) (a) (iii) (aa)	Processing, storing or drying by the application of heat the whole or part of any dead animal or any vegetable matter (other than the treatment of effluent so as to permit its discharge into controlled waters or into a sewer unless the treatment involves the drying of any material with a view to its use as animal feedstuff) if the processing, storing or drying - (iii) may result in the release into the air of— (aa) any substance in paragraph 6(3) of Part 1 of this Schedule.	Manufacture of wheat based products for human consumption and animal feed. Receipt of raw materials to despatch of product and handling of process wastes
Section 1.1. A(1) (a)	CHP facility (GT2 plus Boiler 9 and GT3 plus Boiler 10), Boiler 7 and four back up diesel generators. Includes Medium Combustion Plant.	Includes oil receipt and storage, and demineralised water plant. Maximum operational thermal input capacity of **77.9 MW.**
Section 5.4 A (1) (a) (i)	Disposal of non-hazardous waste in a facility with a capacity exceeding 50 tonnes per day via Biological Treatment in Waste Water Treatment Plant.	Receipt of water to be treated to final discharge plus disposal of biomass and biogas. The effluent treatment plant capacity is **2,400 m3/day**

Directly Associated Activity		
Flaring of biogas	Flaring of biogas from onsite effluent treatment plant	Flaring limited to A3 emission stack.
Ozone treatment	Treatment of borewell water	Includes usage of ozone generator , two retention tanks , filtration systems and transfer to existing site water storage tanks.

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application EPR/KP3030TZ/V002	Section 11 of supplementary information. Remainder superseded by revised application received 05/08/11.	Duly made 28/07/11
Revised Application EPR/KP3030TZ/V002	The response given in revised application form C3 question 3 under operating techniques referencing section 5 of supplementary information plus supporting application section 7 – Statement of BAT compliance plus updated section 6 H1 assessment including raw material usage, energy levels and atmospheric/water emissions with associated operating limits. Non –Technical summary and Process Description sub sections within section 5 of supplementary information provides details of operating techniques of existing facilities including utility and waste treatment facilities re-utilised in this new process.	05/08/11
Schedule 5 dated 10/08/11	Responses to questions 5,6,7,8 and 10.	17/10/11
Schedule 5 dated 10/08/11	Specifics Operating Plans including Accident Management Plan, Fugitives Emissions Plan, Noise Management Plan and Odour Management Plan.	17/10/11
Additional information including combustion emissions minimisation, update to odour management plan, accident and fugitives management plan	All	24/11/11
Application EPR/KP3030TZ/V004	Application forms, plus all supporting documents and duly making responses	Duly made 23/04/14
Schedule 5 dated 28/04/14	Responses 2 to 9; revised accident, noise and odour management plans included.	30/06/14
Application EPR/KP3030TZ/V005	Application forms, plus all supporting documents and duly making responses	Duly made 25/09/15
Schedule 5 dated 25/09/15	All; including updated noise management plan and air emission control techniques.	11/11/15
Application EPR/KP3030TZ/V006	Application forms, plus all supporting documents and duly making responses	Duly made 06/06/17
Application EPR/KP3030TZ/V007	Application forms, plus all supporting documents and duly making responses	Duly made 25/04/19
Schedule 5 dated 06/05/19	All	13/05/19, 20/05/19 and 22/05/19.
Request for information response	All;final medium combustion plant details	18/06/19

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
1	The Operator shall submit a written report to the Environment Agency on the commissioning of the installation. The report shall include but is not limited to: • Atmospheric emission monitoring for all emissions points and for all parameters included in detailed modelling assessment under application EPR/KP3030TZ/V002 , with exception of ethyl acetate and ethanol and reflecting both normal and abnormal operations (monitoring shall have regard of Environment Agency Mcerts guidance M2 monitoring of stack emissions to air) . In addition oxides of nitrogen monitoring to be performed for both UPS diesel generators. Each parameter at each relevant emission point to be monitored a minimum of three times. • Effluent monitoring from W1 discharge (monitoring shall have regard of Environment Agency Mcerts guidance M18 monitoring discharges to water and sewer) with all parameters to be monitored in line with those listed in final H1 received within application EPR/KP3030TZ/V002. Each parameter to be monitored a minimum of three times. The operator shall utilise the effluent monitoring data to confirm the application H1 assumptions that the installation environmental impact is insignificant for all key parameters having regard to the Environment Agency H1 guidance. In addition the report shall confirm that all emission limit values for effluent emissions are complied with in line with our EPR4.01 and EPR 6.10 guidance. In the event of any of the applications assumptions not being complied with an improvement plan with timescales shall be submitted to minimise environmental impact.	Complete
2	The Operator shall carry out an assessment of the impact on the environment of emissions to air of all parameters as monitored in improvement program 1. The assessment shall identify and quantify emissions taking account of all changes in operation that will be brought about by this variation. The assessment shall use an appropriate air dispersion model to evaluate the impact on the environment for normal and abnormal operation scenarios paying particular regard to the all relevant human, vegetation and ecosystems receptors plus Air Quality Standards. This assessment needs to take into account background data at critical receptors. The report shall provide a conclusion as to the overall installation environmental impact for each parameter.	Complete
3	The Operator shall carry out a noise assessment for complete facilities linked to new process in accordance with the requirements of BS4142: 1997 – Method for Rating Industrial Noise affecting mixed Residential and Industrial Areas. The assessment shall include impact of operations during daytime and night-time periods, in comparison with estimated noise impact within application EPR/KP3030TZ/V002. A report summarising the outcome of the assessment, including a timetable for the implementation of any improvements identified, shall be submitted to the Agency.	Complete
4	The Operator shall submit a written report to the Environment Agency giving a more detailed plan with timescales to minimise environmental impact from combustion activities linked to abnormal operations, as initially summarised in additional response dated 24/11/11; and specifically details of plans to minimise installation NO2 short term process contribution. The report shall include but not be limited to : • Further reductions to A4 operating hours per annum below current permit limit • Other improvement based on operating experience • Longer term plan including final date of G2 withdrawal from service The action plan is a quantification of reduction in NO2 installation short term process contribution for each improvement stage.	Complete

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
5	The Operator shall submit a written report to the Environment Agency on the stage 1 (starch dryer and associated combustion operational changes) commissioning of the installation. The report shall include but is not limited to: • Atmospheric emission monitoring for all relevant emissions points impacted by stage 1 changes and for all parameters (excluding oxides of sulphur) included in detailed modelling assessment under application EPR/KP3030TZ/V004. Each parameter at each relevant emission point to be monitored a minimum of three times. • For combustion emissions monitoring should include both normal conditions and failure of the Gas turbine. • Monitoring shall have regard of Environment Agency Mcerts guidance M2 monitoring of stack emissions to air).	Complete
6	The Operator shall carry out a noise assessment from the activities on completion of stage 1 changes. The assessment shall include impact of operations during daytime and night time periods, and be made against current, including draft standards out for consultation, relevant British and International standards. The purpose is to assess actual noise levels at local sensitive receptors against those estimated in application EPR/KP3030TZ/V004. A report shall be submitted summarising the outcomes of the assessment plus any recommendations for improvements with timescales for completion of noise and vibration minimisation actions.	Complete
7	The Operator shall submit a written report to the Environment Agency on the stage 2 (starch dryer and associated combustion operational changes) commissioning of the installation. The report shall include but is not limited to: • Atmospheric emission monitoring for all relevant emissions points impacted by stage 2 combustion facility changes and for all parameters (excluding oxides of sulphur) included in detailed modelling assessment under application EPR/KP3030TZ/V004. Each parameter at each relevant emission point to be monitored a minimum of three times. • For combustion emissions monitoring should include both normal conditions and failure of the Gas turbine Monitoring shall have regard of Environment Agency Mcerts guidance M2 (monitoring of stack emissions to air)	Complete
8	The Operator shall carry out a noise assessment from the activities on completion of stage 2 changes. The assessment shall include impact of operations during daytime and night time periods, and be made against current, including draft standards out for consultation, relevant British and International standards. The purpose is to assess actual noise levels at local sensitive receptors against those estimated in application EPR/KP3030TZ/V004. A report shall be submitted summarising the outcomes of the assessment plus any recommendations for improvements with timescales for completion of noise and vibration minimisation actions.	Complete
9	The Operator shall submit a written report to the Environment Agency on the stage 3 (starch dryer and associated combustion operational changes) commissioning of the installation. The report shall include but is not limited to: Atmospheric emission monitoring for all relevant emissions points impacted by stage 3 combustion facility changes and for all parameters (excluding oxides of sulphur) included in detailed modelling assessment under application EPR/KP3030TZ/V005. Each parameter at each relevant emission point to be monitored a minimum of three times. For combustion emissions monitoring should include both normal conditions and failure of the Solar Gas turbine Monitoring shall have regard of Environment Agency Mcerts guidance M2 (monitoring of stack emissions to air).	Complete

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
10	The Operator shall carry out a noise assessment from the activities on completion of stage 3 changes in line with variation application EPR/KP3030TZ/V005. The assessment shall include impact of operations during daytime and night time periods, and be made against current British and International standards. Specifically BS4142:2014. A report shall be submitted summarising the outcomes of the assessment plus any recommendations for improvements with timescales for completion of noise and vibration minimisation actions.	Complete
11	The Operator shall submit a commissioning report to the Environment Agency linked to the changes within variation application EPR/KP3030TZ/V007. The report shall include but is not limited to: • Atmospheric emission monitoring for all relevant emissions points impacted by the variation changes. Each parameter at each relevant emission point to be monitored a minimum of three times. • For combustion emissions monitoring should include normal conditions with means A41 (Boiler 10 and GT3 gas turbine) and A41a emission (Boiler 10 operational without GT3 gas turbine). Monitoring shall have regard to Environment Agency Mcerts guidance M2 (monitoring of stack emissions to air).	6 months after completion of commissioning of changes linked to EPR/KP3030TZ/V007 variation application
12	The Operator shall carry out a noise assessment for complete installation including changes within variation application EPR/KP3030TZ/V007 in accordance with the requirements of BS4142: 1997 – Method for Rating Industrial Noise affecting mixed Residential and Industrial Areas. The assessment shall include impact of operations during daytime and night-time periods. A report summarising the outcome of the assessment, including a timetable for the implementation of any improvements identified, shall be submitted to the Environment Agency.	6 months after completion of commissioning of changes linked to EPR/KP3030TZ/V007 variation application

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
Sulphur content of fuel oil in all oil fired process heaters or boilers	< 0.1 % w/w

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements.						
Emission point ref. & location	**Parameter**	**Source**	**Limit (including unit)**	**Monitoring frequency**	**Reference period**	**Monitoring standard or method**
A1 Boiler House Brick stack [Point A1 on schedule 7 site plan]	Oxides of Nitrogen	Boiler 7 cold standby and during boiler 9 and boiler 10 pressure inspection.	No limit	Annual	1 hour	BS EN 14792
A3 Flare Stack [Point A3 on schedule 7 site plan]	Hydrogen sulphide	Waste treatment biogas burning exhaust	No limit	As requested by the Environment Agency.	1 hour	US EPA Method 11
A5 [Point A5 on schedule 7 site plan]	Particulates	Wheat intake. Pre-cleaning screen	5 mg/m^3	Annual	1 hour	BS EN 13284-1
A6 [Point A6 on schedule 7 site plan]	No parameters set	Wheat storage tank vent	No limit	-	-	-
A7 [Point A7 on schedule 7 site plan]	No parameters set	Wheat storage tank vent	No limit	-	-	-
A8 [Point A8 on schedule 7 site plan]	No parameters set	Wheat storage tank vent	No limit	-	-	-
A9 [Point A9 on schedule 7 site plan]	Particulates	Dry Mill 2nd cleaning aspiration	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A10 [Point A10 on schedule 7 site plan]	Particulates	Dry Mill 1st cleaning aspiration	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A11 [Point A11 on schedule 7 site plan]	Particulates	Dry Mill – Mill pneumatic transport	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A12 [Point A12 on schedule 7 site plan]	Particulates	Dry Mill- Ultra rotor 20 Mill	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A13 [Point A13 on schedule 7 site plan]	Particulates	Gluten Storage Silo	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A14 [Point A14 on schedule 7 site plan]	Particulates	Gluten Storage Silo	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A15 [Point A15 on schedule 7 site plan]	Particulates	Flour storage tank	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A16 [Point A16 on schedule 7 site plan]	Particulates	Flour storage tank	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A17 [Point A17 on schedule 7 site plan]	Particulates	Conditioning tank vent	No limit	-	-	-
A18 [Point A18 on schedule 7 site plan]	Particulates	Conditioning tank vent	No limit	-	-	-
A19 [Point A19 on schedule 7 site plan]	Particulates	Gluten Dryer	10 mg/m^3	Annual	1 Hour	BS EN 13284-1

Table S3.1 Point source emissions to air – emission limits and monitoring requirements.						
Emission point ref. & location	**Parameter**	**Source**	**Limit (including unit)**	**Monitoring frequency**	**Reference period**	**Monitoring standard or method**
A19 [Point A19 on schedule 7 site plan]	Volatile Organic Carbon	Gluten Dryer	No limit	Annual	1 Hour	BS EN 12619
A20 [Point A20 on schedule 7 site plan]	Particulates	Gluten Mill	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A21 [Point A21 on schedule 7 site plan]	Volatile Organic Carbon	Scrubber discharge-emissions from propagation and fermentation tanks and distillery	No limit	Annual	1 Hour	BS EN 12619
A22 [Point A22 on schedule 7 site plan]	Particulates	Bran storage	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A23 [Point A23 on schedule 7 site plan]	No parameters set	Bran loading chute	-	-	-	-
A24 [Point A24 on schedule 7 site plan]	Oxides of Nitrogen	UPS Diesel Generator 1 Emergency condition	No limit	As requested by the Environment Agency.	1 hour	BS EN 14792
A25 [Point A25 on schedule 7 site plan]	Oxides of Nitrogen	UPS Diesel Generator 2 Emergency Condition	No limit	As requested by the Environment Agency.	1 hour	BS EN 14792
A26 [Point A26 on schedule 7 site plan]	No parameters set	Gluten Loading	-	-	-	-
A27 [Point A27 on schedule 7 site plan]	Oxides of Nitrogen	CHP (Solar Turbine and Boiler 9) in normal operating mode and Gas fired Boiler 9 in fresh air mode (failure of GT2)	No limit	Annual	1 hour	BS EN 14792
A28 [Point A28 on schedule 7 site plan]	Particulates	Starch Dryer	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A29 [Point A29 on schedule 7 site plan]	Particulates	Modified Starch Reactor	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A30 [Point A30 on schedule 7 site plan]	Particulates	Native starch storage	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A31 [Point A31 on schedule 7 site plan]	Particulates	Modified starch storage	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A32 [Point A32 on schedule 7 site plan]	Particulates	Imported starch storage	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A33 [Point A33 on schedule 7 site plan]	Particulates	Blends dosing	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A34 [Point A34 on schedule 7 site plan]	Particulates	Tanker Loading	No limit	-	-	-

Table S3.1 Point source emissions to air – emission limits and monitoring requirements.						
Emission point ref. & location	**Parameter**	**Source**	**Limit (including unit)**	**Monitoring frequency**	**Reference period**	**Monitoring standard or method**
A35 [Point A35 on schedule 7 site plan]	Oxides of Nitrogen	UPS Diesel Generator 3 Emergency Condition	No limit	As requested by the Environment Agency	1 hour	BS EN 14792
A36 [Point A36 on schedule 7 site plan]	Particulates	Bagging plant Local exhaust ventilation.	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A37 [Point A37 on schedule 7 site plan]	Oxides of Nitrogen	Solar Gas Turbine GT 2 emission in boiler 9 emergency stop mode	50 mg/m3	As requested by the Environment Agency	1 hour	BS EN 14792
A38 [Point A38 on schedule 7 site plan]	Particulates	Bran storage	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A39 [Point A39 on schedule 7 site plan]	Particulates	Starch Dryer	5 mg/m^3	Annual	1 Hour	BS EN 13284-1
A40 [Point A40 on schedule 7 site plan]	Oxides of Nitrogen	Emergency exhaust of Solar GT3 exhaust	50 mg/m3	As requested by the Environment Agency.	1 hour	BS EN 14792
A41 [Point A41 on schedule 7 site plan]	Oxides of Nitrogen	Medium Combustion Plant Normal operation GT3 and Boiler 10 combined operation	50 mg/m3	Annual (6)	1 Hour	BS EN 14792
	Carbon Monoxide		No limit		1 Hour	BS EN 15058
A41a [Point A 41 on schedule 7 site plan]	Oxides of Nitrogen	Warm up fresh air mode Boiler 10 alone emission	No limit	As requested by the Environment Agency.	1 hour	BS EN 14792
A42 [Point A 42 on schedule 7 site plan]	Oxides of Nitrogen	UPS Diesel Generator 4 Emergency Condition	No limit	As requested by the Environment Agency.	1 hour	BS EN 14792
A43 [Point A 43 on schedule 7 site plan]	Particulates	Wetmill Flour scale local exhaust vent	5 mg/m^3	As requested by the Environment Agency	1 Hour	BS EN 13284-1
A44 [Point A 44 on schedule 7 site plan]	Particulates	Additional Bran Loading chute local exhaust emission	5 mg/m^3	As requested by the Environment Agency	1 Hour	BS EN 13284-1
A45 [Point A 45 on schedule 7 site plan]	Particulates	Gluten bagging machine exhaust	5 mg/m^3	As requested by the Environment Agency	1 Hour	BS EN 13284-1

Table S3.1 Point source emissions to air – emission limits and monitoring requirements.						
Emission point ref. & location	**Parameter**	**Source**	**Limit (including unit)**	**Monitoring frequency**	**Reference period**	**Monitoring standard or method**

Footnotes

1) A24, A25, A35 and A42 failure of gas turbines and national grid mode: emission not to exceed 52 hours per annum for each emission point.

2) A1 emission point related to Boiler 7 operations to be monitoring annually and may be switched on only for monitoring purposes on the top of:

   - Boiler 9 pressure inspection;
   - Boiler 10 pressure inspection.

Maximum operation hours 364 per annum

3) Failure of the Gas Turbine mode:

   - GT2 emergency stop mode. Maximum allowance 52 hours per annum for Solar GT2 through stack A37;
   - GT3 emergency stop mode. Maximum allowance 52 hours per annum for Solar GT3 through stack A40;
   - Gas fired Boiler 9 in fresh air mode (failure of GT2) through stack A27 for a maximum of 150 hours per annum.

4) Normal running condition:

   - GT2 and Boiler 9 in recovery mode, GT3 and Boiler 10 in recovery mode, Boiler 7 stopped in cold back up;
   - Gas fired Boiler 10 in fresh air mode (GT3 stopped) through stack A41a for a maximum of 500 hours per annum.

5) All CHP emissions (Gas Turbine and Boiler emissions operating together) oxygen reference conditions set at 15%.

6) The first monitoring for A41 must be completed within 4 months of permit issue or 4 months of first operation of Gas Turbine GT3 and Boiler 10 acting together.

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Parameter**	**Source**	**Limit**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or Method**
W1 [Point W1 on revised variation application EPR/KP303TZ/V002 section 5 Figure 11]	Flow	Effluent treatment plant discharge to River Ouse	(3)	Continuous	-	Mcerts accredited equipment
W1 [Point W1 on revised variation application EPR/KP303TZ/V002 section 5 Figure 11]	Chemical Oxygen Demand	Effluent treatment plant discharge to River Ouse	No limit	24 hour flow weighted composite	Daily	ISO 15705:2002
W1 [Point W1 on revised variation application EPR/KP303TZ/V002 section 5 Figure 11]	Biological Oxygen Demand (BOD)	Effluent treatment plant discharge to River Ouse	(1)			EN 1899 – 1
W1 [Point W1 on revised variation application EPR/KP303TZ/V002 section 5 Figure 11]	Total Suspended Solids	Effluent treatment plant discharge to River Ouse	(2)			BS EN 872:2005
W1 [Point W1 on revised variation application EPR/KP303TZ/V002 section 5 Figure 11]	Hydrocarbon oil index	Effluent treatment plant discharge to River Ouse	3 mg/l		Monthly	BS EN ISO 9377-2:2000
W1 [Point W1 on revised variation application EPR/KP303TZ/V002 section 5 Figure 11]	Temperature (maximum)	Effluent treatment plant discharge to River Ouse	30°C	Continuous	-	Verified temperature probe

Notes

(1) 95 % percentile compliance over calendar month to 20 mg/l. No daily monitoring result to be above 40 mg/l

(2) 95 % percentile compliance over calendar month to 30 mg/l. No daily monitoring result to be above 60 mg/l.

(3) 24 hour maximum flow limit of 4320 m3. Maximum instantaneous peak flow rate of 260 m3/hour

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**
Atmospheric emissions	A1, A3, A5, A9 – A16, A19, A20, A21, A22, A24, A25 A27 , A28 – A33, A35-A39 and A 40 - A45 emissions.	Annual	1st January
Emissions to Surface Water	W1	3 monthly	1st January

Table S4.2 Performance parameters		
Parameter	**Frequency of assessment**	**Units**
Combustion efficiency of the boilers shall be measured, data submitted and adjustments made, where appropriate, to ensure efficiency is maintained. Emission parameters of NOx (expressed as NO_2) and CO to be recorded.	6 monthly	%
Hours of operation per annum to be submitted for facility in emergency operating condition as defined in application EPR/KP3030TZ/V007	Annual	Hours
Hours of operation of the flare A3.	Annual	Hours
Water usage	Annually	tonnes
Energy usage	Annually	MWh

Table S4.3 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Atmospheric emissions	Form air 1 or other form as agreed in writing by the Environment Agency	24/06/19
Emissions to Surface Water	Form water 1 or other form as agreed in writing by the Environment Agency	20/11/15
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	24/06/19
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	24/06/19
Performance indicators	Form performance indicator 1 or other form as agreed in writing by the Environment Agency	01/01/12

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

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

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

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

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

(c) Notification requirements for the 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.

"emissions to land" includes emissions to groundwater.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2016 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.

"*Hazardous property*" has the meaning in Annex lll of the Waste Framework Directive.

"*Hazardous waste*" has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

"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.

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

"recovery" means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

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

"Waste Framework Directive" or *"WFD"* means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

"year" means calendar year ending 31 December.

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;

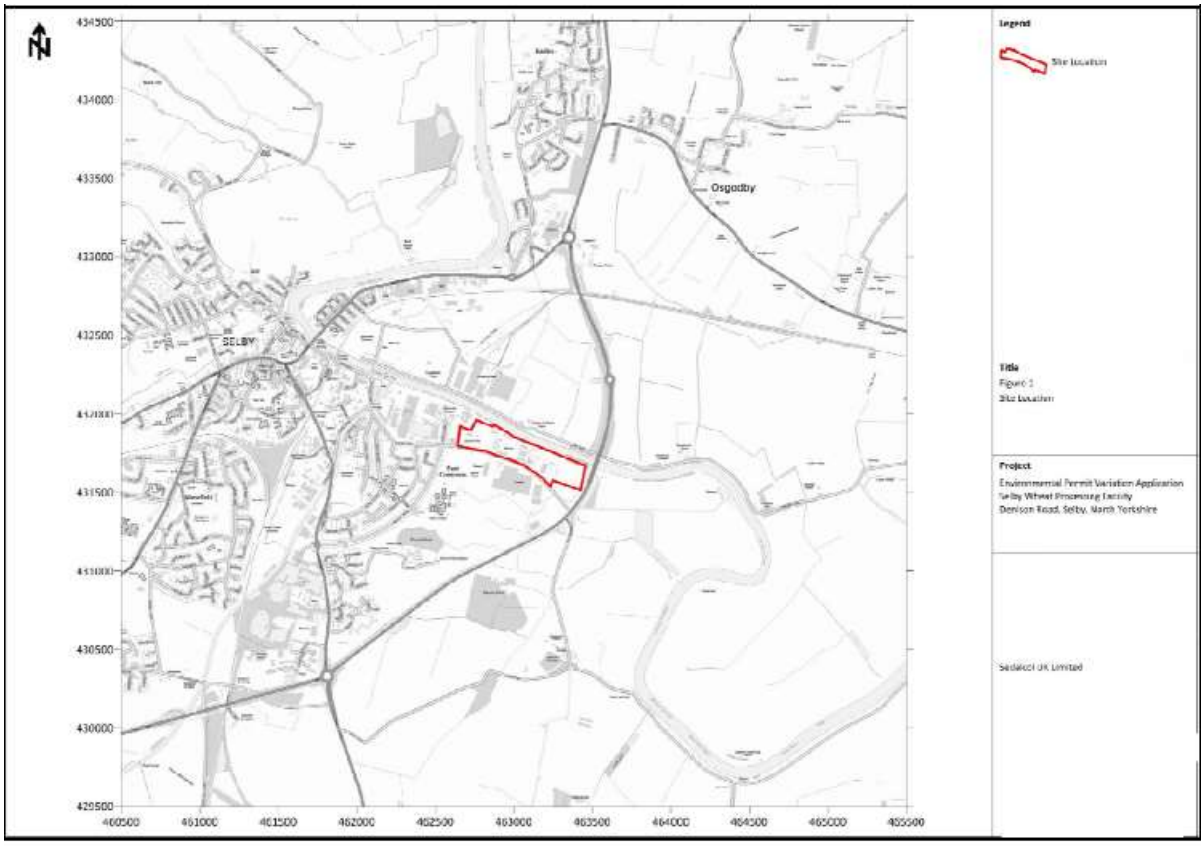
in relation to emissions from gas engines or gas turbines, the concentration in dry air at a temperature of 273K,

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.

Schedule 7 – Site plan

The site plan with installation location is as below:



Atmospheric Emission Point Plan

END OF NOTICE