

# Notice of variation and consolidation with introductory note

**The Environmental Permitting (England & Wales) Regulations 2016**

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WM. Nelstrop & Co. Ltd.

Albion Flour Mills  
Manchester Road  
Stockport  
Cheshire  
SK4 1TZ

**Variation application number**

EPR/DP3034SZ/V005

**Permit number**

EPR/DP3034SZ

# Albion Flour Mills

## Permit number EPR/DP3034SZ

### Introductory note

#### **This introductory note does not form a part of the notice**

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

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

This consolidated permit has been issued following a full review against the best available techniques (BAT) conclusions for the Food, Drink and Milk Industries published on 4<sup>th</sup> December 2019 in the official journal of the European Union.

#### Main features of the installation

WM. Nelstrop & Co. Ltd. operates a flour milling operation at Albion Mills, Stockport (centred at NGR SJ 89337 91281) and has done so since 1820. The surrounding area is predominately characterised by residential properties with some large retail outlets and light industrial/commercial units nearby. The installation now processes around 250,000 tonnes of wheat per annum into flour for the food industry and wheatfeed for the animal feed industry, with a maximum production capacity of 785 tonnes per day. Deliveries in and out are generally by articulated HGVs. The key activities that take place are:

- Weigh and receive bulk and bag materials;
- Dry cleaning and wet conditioning of grain;
- Grinding, sifting and purification of cleaned wheat into white and wholemeal flour products;
- Blending of ingredients to make malted flour products and self-raising flours;
- Warehousing, handling, and storage of raw materials, packaging, finished flour, by-products and factored products;
- Loading of bulk tankers and box trailers and loading of flat-bed tautliners.

The principal raw material used is wheat grain delivered in bulk by HGVs and stored in bulk silos. Wheat is predominately UK sourced, however some European and North American wheats are also processed in lower quantities. Other materials include gluten (bulk), creta (bulk), sodium bicarbonate (bulk), monocalcium phosphate (25kg PE bag), baking improvers (25kg PE bags), vitamins (25kg PE bags), malt flake (bulk) and malt flour (25kg paper bags).

Finished product is transported in HGV Bulk tankers to industrial bakery customers or in bags to retail, wholesale and industrial customers using HGVs with curtain sided trailers. There are no boilers present at the installation and as such, no steam conditioning is undertaken.

Emissions to air from the installation arise from the milling process, which are abated using bag filters. The only liquid emissions from the installation are from roofs and areas of hardstanding which are discharged to sewer. The site holds a trade effluent consent issued by the sewerage undertaker for this discharge. There are no combustion processes on site and energy from the national grid is used.

Rochdale Canal Special Area of Conservation (SAC) is within 10km of the installation. Reddish Vale, Mersey Vale Nature Park, and Woodbank Park Local Nature Reserves (LNR), four local wildlife sites, and one ancient woodland are within 2km of the installation. Reddish Vale LNR is within 1km of the installation.

The schedules specify the changes made to the permit.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application DP3034SZ (EPR/DP3034SZ/A001)	Duly made 30/03/2005	
Permit determined DP3034SZ (DP3034SZ)	20/03/2006	
Variation application EPR/DP3034SZ/V002 received	02/10/2009	
Application EPR/DP3034SZ/V002	04/12/2009	
Variation application EPR/DP3034SZ/V003	Duly made 09/04/2010	Extension to installation boundary to include 9 finished product storage silos.
Variation issued	30/07/2010	
Variation application EPR/DP3034SZ/V004	Duly made 23/05/2017	Addition of a new flour production facility
Further information received	03/08/2017	Response to Schedule 5 notice dated 19/06/2017
Variation EPR/DP3034SZ/V004 issued.	04/10/2017	Varied and consolidated EPR permit issued.
Application EPR/DP3034SZ/V005 (variation and consolidation)	Regulation 61 Notice response received 10/07/2022	Environment Agency initiated variation and consolidation following the Food, Drink & Milk Industries sector permit review.
Application EPR/DP3034SZ/V005 (variation and consolidation) – request for further information dated 21/03/2023	30/03/2023	Energy efficiency plan.
Application EPR/DP3034SZ/V005 (variation and consolidation) – request for further information dated 28/04/2023	26/05/2023	BAT Conclusions Number 6(a). Updated Reg61 response tool.
Application EPR/DP3034SZ/V005 (variation and consolidation) – request for further information dated 29/05/2023	30/05/2023	BAT Conclusions Number 6(b).
Variation determined and consolidation issued EPR/DP3034SZ/V005 (Billing ref. HP3445QS).	03/07/2023	Varied and consolidated permit issued in modern format

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

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

### Permit number

EPR/DP3034SZ

### Issued to

**WM. Nelstrop & Co. Ltd.** (“the operator”)

whose registered office is

**Albion Flour Mills**

**Stockport**

**Cheshire**

**SK4 1TZ**

company registration number 00260082

to operate a regulated facility at

**Albion Flour Mills**

**Manchester Road**

**Stockport**

**Cheshire**

**SK4 1TZ**

to the extent set out in the schedules.

The notice shall take effect from 03/07/2023

Name	Date
Katherine Fisher	03/07/2023

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit as a result of an Environment Agency initiated variation.

## **Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**EPR/DP3034SZ**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/DP3034SZ/V005 authorising,

**WM. Nelstrop & Co. Ltd.** (“the operator”),

whose registered office is

**Albion Flour Mills**

**Stockport**

**Cheshire**

**SK4 1TZ**

company registration number 00260082

to operate an installation at

**Albion Flour Mills**

**Manchester Road**

**Stockport**

**Cheshire**

**SK4 1TZ**

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

Name	Date
Katherine Fisher	03/07/2023

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

### 1.2 Energy efficiency

1.2.1 The operator shall:

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

### 1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

1.4.1 The operator shall take appropriate measures to ensure that:

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

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

## **2 Operations**

### **2.1 Permitted activities**

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

### **2.2 The site**

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

### **2.3 Operating techniques**

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

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

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

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

- (a) the nature of the process producing the waste;
- (b) the composition of the waste;
- (c) the handling requirements of the waste;
- (d) the hazardous property associated with the waste, if applicable; and
- (e) the waste code of the waste.

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

### **2.4 Improvement programme**

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**



- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

## **3.2 Emissions of substances not controlled by emission limits**

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## **3.3 Odour**

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.4 Noise and vibration**

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **3.5 Monitoring**

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

- (a) point source emissions specified in tables S3.1, and S3.2.

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

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

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 and S3.2 unless otherwise agreed in writing by the Environment Agency.

## **3.6 Pests**

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

3.6.2 The operator shall:

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

## **4 Information**

### **4.1 Records**

4.1.1 All records required to be made by this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
  - (i) off-site environmental effects; and
  - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

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

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

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

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

## 4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
  - (i) inform the Environment Agency,
  - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
  - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
  - (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
  - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (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 "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
AR1	S6.8 A1 (d) (ii) <i>Treatment and processing of only vegetable raw materials, intended for the production of food or feed at a plant with a finished product production capacity greater than 300 tonnes per day.</i>	The treatment and processing of wheat grain and associated raw materials for production of milled flours, wheat feed and related products.	From receipt of raw materials through to dispatch of final product. Production capacity is limited to 785 tonnes per day.
<b>Directly Associated Activity</b>			
AR2	Surface water drainage	Collection of uncontaminated site surface waters	Handling and storage of site drainage until discharge to the site surface water system.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application (EPR/DP3034SZ/A001)	The response to questions 2.1 and 2.2 given in pages 11 – 30 of the application.	30/03/2005
Schedule 4 notice	Flow diagrams FSMPL1 FSM1	18/08/2005
Application EPR/DP3034SZ/V003	The response to questions 2a given in Page 4 of Part C of the application.	29/03/2010
Variation application EPR/DP3034SZ/V004	Answer to Question 3 (Operating Techniques) in Form EPC3 v9, including reference to EPR 6.10 Annex 1 Air Emissions. Non-technical Summary Document Reference Wm Nelstrop Feb 2017. Emergency Site Plans Document Reference 2017 Issue 2. Dust Emission points Document Reference Issue 3 May 2017.	Duly made 23/05/2017
Regulation 61 (1) Notice – Responses to questions dated 31/01/2022	All parts	Received 10/07/2022
Regulation 61(1) Notice – request for further information dated 21/03/2023	Energy efficiency plan.	30/03/2023
Regulation 61(1) Notice – request for further information dated 28/04/2023	BAT Conclusions Number 6(a). Updated Reg61 response tool.	Received 26/05/2023
Regulation 61(1) Notice – request for further information dated 29/05/2023	BAT Conclusions Number 6(b).	30/05/2023

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC6	<p>The operator shall submit, for approval by Environment Agency, a report setting out progress to achieving the 'Narrative' BAT where BAT is currently not achieved, but will be achieved before 4 December 2023. The report shall include, but not be limited to, the following:</p> <ol style="list-style-type: none"> <li>1) Methodology for achieving BAT</li> <li>2) Associated targets /timelines for reaching compliance by 4 December 2023</li> <li>3) Any alterations to the initial plan (in progress reports).</li> </ol> <p>The report shall address the BAT Conclusion for Food, Drink and Milk Industries with respect to BAT 1 part (xvii) implementation of sectoral benchmarking.</p> <p>Refer to BAT Conclusions for a full description of the BAT requirement.</p>	Progress reports at 12 monthly intervals from date of permit issue: 03/07/2023
IC7	<p>The operator shall submit, for approval by the Environment Agency, a monitoring procedure for particulate matter emissions from principal emission points on site. The procedure must describe how the operator will implement a rolling monitoring programme which shall include, but not be limited to the following:</p> <ol style="list-style-type: none"> <li>1. Methodology for how representative monitoring will be carried out annually, with a minimum of 3 point sources on a rolling-basis.</li> <li>2. Ensuring the key process stages, wheat cleaning, wheat milling and finished product handling including wheatfeed, are prioritised.</li> <li>3. Identify any principal emission points excluded from the rolling monitoring programme and provide a justification for this.</li> <li>4. Provide a commencement date for the programme which will demonstrate compliance with the permit requirements.</li> </ol> <p>The monitoring procedure shall address the requirements of BAT Conclusions for Food, Drink and Milk Industries with respect to BAT 5.</p>	04/09/2023
IC8	<p>The operator shall produce a climate change adaptation plan. The approved plan will form part of the EMS. The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>• Details of how the installation has or could be affected by severe weather;</li> <li>• The scale of the impact of severe weather on the operations within the installation;</li> <li>• An action plan and timetable for any improvements to be made to minimise the impact of severe weather at the installation.</li> </ul> <p>The Operator shall implement any necessary improvements to a timetable agreed in writing with the Environment Agency.</p>	03/07/2024 or other date as agreed in writing with the Environment Agency
IC9	<p>The Operator shall submit a/an updated Noise Management Plan to the Environment Agency for technical assessment and approval, demonstrating compliance against BAT 13 for the FDM industries. Further guidance on NMPs can be found on our website Noise and vibration management: environmental permits - GOV.UK (<a href="http://www.gov.uk">www.gov.uk</a>)</p> <p>The updated plan must include the following elements:</p> <ul style="list-style-type: none"> <li>• a protocol containing actions and timelines;</li> <li>• a protocol for conducting noise emissions monitoring;</li> <li>• a protocol for response to identified noise events, eg complaints;</li> </ul>	03/01/2024 or other date as agreed in writing with the Environment Agency

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
	<ul style="list-style-type: none"><li>• a noise reduction programme designed to identify the source(s), to measure/estimate noise and vibration exposure, to characterise the contributions of the sources and to implement prevention and/or reduction measures.</li></ul> <p>The noise management plan should be reviewed at least annually to ensure continued compliance against BAT 13 as described above.</p> <p>You must implement the plan as agreed, and from the date stipulated by the Environment Agency.</p>	

## 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 [Point A1 on site plan in Schedule 7]	Bag filter abatement serving Screenroom Peritec exhaust Simatek Type 70/30 exhaust vent	Particulate matter	No limit set	-	-	-
A2 [Point A2 on site plan in Schedule 7]	Bag filter abatement serving Screen room Screenside Robinson exhaust vent	Particulate matter	No limit set	-	-	-
A3 [Point A3 on site plan in Schedule 7]	Bag filter abatement serving Booster Mill LP Pneumatic Fan exhaust vent	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A4 [Point A4 on site plan in Schedule 7]	Bag filter abatement serving Disc Mill Pneumatic Buhler exhaust vent	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A5 [Point A5 on site plan in Schedule 7]	Bag filter abatement serving English Mill Pneumatic Simatek 52/45 EM37 exhaust vent	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A6 [Point A6 on site plan in Schedule 7]	Bag filter abatement serving Warehouse Simon general exhaust vent	Particulate matter	No limit set	-	-	-
A7 [Point A7 on site plan in Schedule 7]	Bag filter abatement serving Warehouse Simatek JM 21/30 general exhaust vent	Particulate matter	No limit set	-	-	-

**Table S3.1 Point source emissions to air – emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A8 [Point A8 on site plan in Schedule 7]	Bag filter abatement serving Main Mill Buhler MVRT 104/30 Pneumatic exhaust vent [NOTE 1]	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A9 [Point A9 on site plan in Schedule 7]	Bag filter abatement serving Main Mill Purifier & Simatek 70 general exhaust vent	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A10 [Point A10 on site plan in Schedule 7]	Bag filter abatement serving English Mill Simatek general exhaust vent	Particulate matter	No limit set	-	-	-
A11 [Point A11 on site plan in Schedule 7]	Bag filter abatement serving TOPZ Bulher general exhaust vent	Particulate matter	No limit set	-	-	-
A12 [Point A12 on site plan in Schedule 7]	Bag filter abatement serving DCE Filter Flour Bins 1 - 6 exhaust vent	Particulate matter	No limit set	-	-	-
A13 [Point A13 on site plan in Schedule 7]	Bag filter abatement serving Flour Outloading general exhaust vent	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A14 [Point A14 on site plan in Schedule 7]	Bag filter abatement serving Bulk Flour Bin Buhler general exhaust vent	Particulate matter	No limit set	-	-	-
A15 [Point A15 on site plan in Schedule 7]	Bag filter abatement serving Wheatfeed Outloading Buhler MVRT exhaust vent	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1

**Table S3.1 Point source emissions to air – emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
A16 [Point A16 on site plan in Schedule 7]	Bag filter abatement serving Screenroom Aspiration MVRT 78/24 exhaust vent [NOTE 1]	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A17 [Point A17 on site plan in Schedule 7]	Bag filter abatement serving Peeling Aspiration MVRT 78/24 exhaust vent [NOTE 1]	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A18 [Point A18 on site plan in Schedule 7]	Bag filter abatement serving Screenings Bin MVRW 4/8 exhaust vent	Particulate matter	No limit set	-	-	-
A19 [Point A19 on site plan in Schedule 7]	Bag filter abatement serving Screenings Grinding Relift MVRW 9/18 exhaust vent	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A20 [Point A20 on site plan in Schedule 7]	Bag filter abatement serving Mill Aspiration MVRT 78/24 general exhaust vent [NOTE 1]	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A21 [Point A21 on site plan in Schedule 7]	Bag filter abatement serving Mill Pneumatics MVRT 78/24 exhaust vent [NOTE 1]	Particulate matter	5 mg/m <sup>3</sup> [NOTE 2]	Average over sampling period [NOTE 3]	In line with the rolling monitoring procedure [NOTE 4]	BS EN 13284-1
A22 [Point A22 on site plan in Schedule 7]	Bag filter abatement serving Flour Transfer to MPAK redresser MVRT 18/18 exhaust vent [NOTE 1]	Particulate matter	No limit set	-	-	-
A23 [Point A23 on site plan in Schedule 7]	Bag filter abatement serving 4 x	Particulate matter	No limit set	-	-	-

**Table S3.1 Point source emissions to air – emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
	Flour Bin Aspiration MVRW 6/12 exhaust vent					
A24 [Point A24 on site plan in Schedule 7]	Bag filter abatement serving Gluten and Creta Receiver Bins MVRW 9/18 and Start-up bin MRVW 12/18 exhaust vent [NOTE 1]	Particulate matter	No limit set	-	-	-
A25 [Point A25 on site plan in Schedule 7]	Bag filter abatement serving Gluten and Creta Blowline Hoppers MVRW 6/12 exhaust vent	Particulate matter	No limit set	-	-	-
A26 [Point A26 on site plan in Schedule 7]	Bag filter abatement serving 2 x Flour Outloading Bins MVRW 12/18	Particulate matter	No limit set	-	-	-

NOTE 1 - Dust monitoring device is fitted to this filter.

NOTE 2 – The emission limit applies from 4 December 2023.

NOTE 3 – Average value of three consecutive measurements of at least 30 minutes each.

NOTE 4 – The monitoring frequency shall be in line with the rolling monitoring procedure, as agreed in IC7.

**Table S3.2 Point source emissions to sewer**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
S1 emission to United Utilities sewer	Uncontaminated rainwater, laboratory, hardstanding, warehouse, flour mill	No parameters set	No limits set	--	--	--
S2 emission to United Utilities sewer	Uncontaminated rainwater	No parameters set	No limits set	--	--	--

## Schedule 4 – Reporting

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

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Point source emissions to air Parameters as required by condition 3.5.1	A3, A4, A5, A8, A9, A13, A15, A16, A17, A19, A20, and A21	Every 12 months (in accordance with the rolling monitoring procedure, as agreed in IC7).	1 January

<b>Table S4.2: Annual production/treatment</b>	
<b>Parameter</b>	<b>Units</b>
Production of finished product (bulk flour) and by-products dispatched off-site for use in animal feed manufacture	tonnes

<b>Table S4.3 Performance parameters</b>		
<b>Parameter</b>	<b>Frequency of assessment</b>	<b>Units</b>
Water usage	Annually	m <sup>3</sup>
Energy usage	Annually	MWh/tonne of finished product
Waste recovery and/or disposal	Annually	tonnes

<b>Table S4.4 Reporting forms</b>		
<b>Parameter</b>	<b>Reporting form</b>	<b>Form version number and date</b>
Point source emissions to air	Emissions to Air Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Water usage	Water Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Energy usage	Energy Usage Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021
Other performance parameters	Other Performance Parameters Reporting Form, or other form as agreed in writing by the Environment Agency	Version 1, 08/03/2021

## Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

### Part A

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

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

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

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

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.

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

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

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

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

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

“Pests” means Birds, Vermin and Insects.

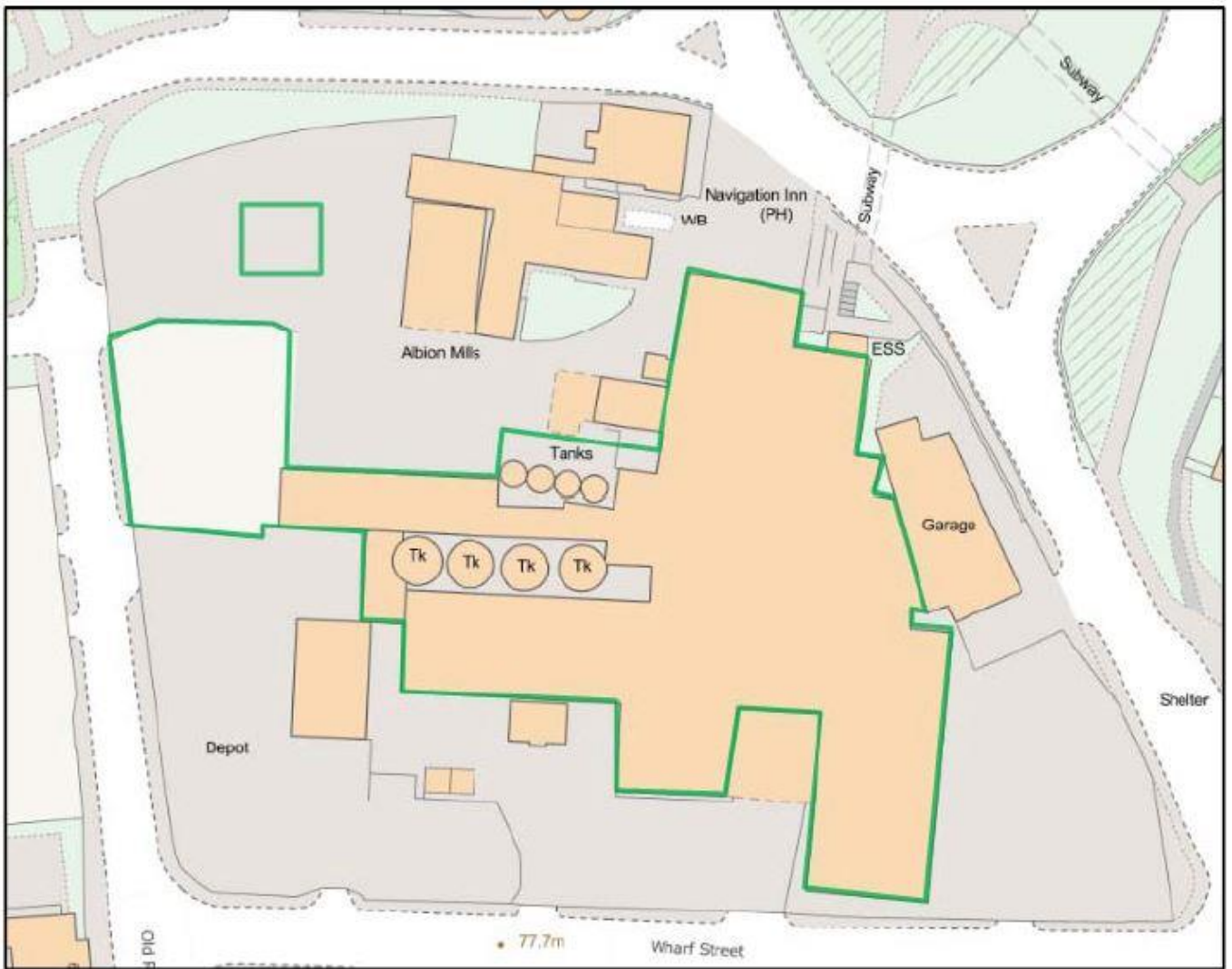
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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 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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# Air Emissions



“REPRODUCED WITH PERMISSION”

END OF PERMIT