

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Headland Agrochemicals Limited

Pentre Agrochemicals Plant
Rectors Lane
Pentre
Deeside
Flintshire
CH5 2DH

Permit number

EPR/FP3031CW

Pentre Agrochemicals Plant

Permit number EPR/FP3031CW

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows.

The Pentre Agrochemicals Plant installation is located on Deeside. Light industrial units border the site to the west and south, while the Chester to Holyhead railway line runs along the north eastern boundary of the site. The River Dee is approximately 500 metres beyond the railway line.

The Pentre site consists of a manufacturing and filling plant, together with formulation development facilities and a quality control laboratory. Headland Agrochemicals Ltd manufacture two products at the site that together comprise one listed activity under Schedule 1, Part 2 of the Environmental Permitting (England and Wales) Regulations 2010 (as amended). The products (Headland Boron 150 and Headland Jett) are a listed activity because they involve the production of inorganic chemical salts.

The production process for these products generates emissions to air in the form of dust and nitric acid fume from the addition and mixing of raw materials. A scrubber for the abatement of the nitric acid fume has recently been installed.

Surface water arising on site is discharged to controlled waters. The surface water discharge is comprised of clean, uncontaminated rainwater run-off. There are no emissions to sewer from the permitted processes.

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

Status log of the permit		
Description	Date	Comments
Application EPR/FP3031CW/A001	Duly made 24/04/13	Application for the production of inorganic chemicals such as salts.
Schedule 5 Request for Additional Information	10/07/13	
Additional information received	15/08/13	Diesel generator specification, description of commissioning phase monitoring for the manganese dinitrate process scrubber and associated operations manual. Also dust collection unit specifications.
Permit determined	27/09/13	Permit issued to Headland Agrochemicals Ltd

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/FP3031CW

The Natural Resources Body for Wales ("Natural Resources Wales") authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Headland Agrochemicals Limited ("the operator"),
whose registered office is

Rectors Lane
Pentre
Flintshire
CH5 2DH

company registration number 01973941
to operate an installation at

Pentre Agrochemicals Site
Rectors Lane
Pentre
Deeside
Flintshire
CH5 2DH

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

Name	Date
	27/09/2013

Eirian Macdonald, Principal Permitting Team Leader
Authorised on behalf of Natural Resources Wales

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

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

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

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

1.2 Energy efficiency

1.2.1 The operator shall:

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

1.3 Efficient use of raw materials

1.3.1 The operator shall:

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

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

- 1.4.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

- 2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.
- 2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

- 2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by Natural Resources Wales.
- 2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 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 Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of Natural Resources Wales, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of Natural Resources Wales, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 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 or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 unless otherwise agreed in writing by Natural Resources Wales.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by Natural Resources Wales, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by Natural Resources Wales.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.

- 4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by Natural Resources Wales, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2 ; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to Natural Resources Wales, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately:
- (i) inform Natural Resources Wales,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately:
- (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.

4.3.4 Natural Resources Wales shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

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

In any other case:

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

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

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

4.3.6 Natural Resources Wales shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.4 Interpretation

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

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities

Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
S4.2 A1 (a) (iv)	Producing inorganic chemicals such as salts	From receipt and storage of raw materials, to filling and storage of synthesised product prior to transfer off site and disposal of wastes arising.
Directly Associated Activity		
Supplementary Electrical Power Supply	2 x diesel-fired generators	From receipt and storage of diesel oil to release of combustion gases to air
Surface Water Disposal	Discharge of rainwater run-off via a manually operated penstock valve	Drainage system to point of discharge to Sandycroft Drain

Table S1.2 Operating techniques

Description	Parts	Date Received
Application	The response to Section 3 of Application Form B3 including the following supporting information: Part B3, Doc 26 (Appendix 2): Process Descriptions Part B3, Section 6D Doc.01: "Raw Material Choices" Part B3, APR Doc.01: Letter outlining technical specification of the nitric acid fume scrubber Part B3, Section 3, Doc.01: "Types and amounts of raw materials used in the Schedule 1 Activity performed at Headland Agrochemicals Ltd" Part B3, Q3A Doc 001 BAT Assessment against EPR 4.03 "The Inorganic Chemicals Sector" Also: Part B2, 07, Doc 001 – H1 Annex A Site Specific Risk Assessment Part B3, Section 6A Doc.01 "Energy Efficiency" Part B3, Section 6E Doc.01 "Waste Disposal – avoidance of producing waste in line with Council Directive 2006/12/EC"	13/02/13 & 24/04/13

Table S1.2 Operating techniques

Description	Parts	Date Received
Schedule 5 Notice Response	Response to question 2 describing commissioning phase stack emission monitoring for the Manganese Dinitrate Process Scrubber. Also Sections 6 (Start Up / Shut Down Procedures) and 9 (Maintenance Instructions & Schedules) of the Schoeller Allibert Ltd document entitled "Fume Scrubber Manual – BVS3r supplied to Greencar Depollution". Response to question 3 confirming redundancy and subsequent removal of the dust extraction unit serving emission point A001 by end of 2014. Also confirmation that emission points A003a, A003b, A004a, A004b, A009a and A009b are internal only and do not exhaust to the external environment.	15/08/13

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	The Operator shall confirm in writing the thermal input rating for each of the two supplementary diesel generators (in kWh).	31/12/13
IC2	The operator shall submit a written report presenting the results of the commissioning phase stack emissions monitoring for the manganese dinitrate process scrubber. Commissioning phase monitoring shall be conducted during all the activities which will use the scrubber, specifically: • Road tanker delivery of nitric acid to the bulk storage tank; • Charging nitric acid from the bulk storage tank to the new mixer; and • During the mixtures reaction time within the new mixer. The following parameters shall be monitored for each of the above activities: • Nitric acid (HNO₃); and • Oxides of nitrogen (NO₂, NO and NO_x). The report shall describe the monitoring methodology used. This methodology shall be in line with the techniques specified in Environment Agency Monitoring Technical Guidance Note M2 "Monitoring of Stack Emissions to Air" for each parameter unless otherwise agreed in writing with Natural Resources Wales. Monitoring results shall be presented in the written report for each of the above activities and parameters.	31/01/14
IC3	The Operator shall submit a written report for the subsequent approval of Natural Resources Wales that summarises a review of the provision of MCERTS accreditation for the monitoring equipment, personnel and organisations employed for the emissions monitoring programme in condition 3.5.1. The report shall also propose a timetable for achieving this standard for any elements that are not MCERTS certified.	31/03/14

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC4	The Operator shall monitor releases of particulate matter to air from emission point A001. The monitoring shall be conducted when the MEA polyborate process is operational and the dust extraction unit served by A001 is switched on. Monitoring shall be conducted on three separate occasions and a total of three results shall be collected. The monitoring shall be conducted in accordance with the techniques specified in Environment Agency Monitoring Technical Guidance Note M2 "Monitoring of Stack Emissions to Air" and the results shall be compared against the emission benchmark for particulate matter of 5-20mg/m3, set out in Annex 1 of the Environment Agency Sector Guidance Note EPR 4.03 "The Inorganic Chemicals Sector". The monitoring results and emission benchmark comparison shall be submitted to Natural Resources Wales in the form of a written report.	30/06/14
IC5A	The operator shall develop an Environmental Management System (EMS) in line with Part 1 of Environment Agency guidance "How to comply with your Environmental Permit" (version 6 – June 2013), and the additional requirements set out in Section 1 of EPR 4.03 "The Inorganic Chemicals Sector" guidance document. The EMS shall include an accident management plan which shall cover potential spillages and prevention of land, surface water and groundwater contamination. A written progress report describing the parts of the EMS which have been implemented shall be submitted to Natural Resources Wales within 6 months of permit issue.	31/03/14
IC5B	The Operator shall submit a copy of the installation's Environment Management System (EMS) to Natural Resources Wales and make available for inspection all documents and procedures which form part of the EMS.	30/09/14

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	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A001 on site plan in Schedule 7	Particulate Matter	Dust Extraction Unit for Raw Material Charging	20 mg/m ³	Averaged over the sampling period (at least half an hour)	Annual ³	BS EN 13284-1
A002 on site plan in Schedule 7	No parameter set	Dust Extraction Unit for Raw Material Charging ²	No Limit Set	-	-	-
A003, A004 & A009 on site plan in schedule 7	Particulate Matter	Internal Mixer dust extraction system	No Limit Set	-	-	-
A005 ¹ on site plan in schedule 7	Nitric Acid Vapour	Manganese Dinitrate Process	No Limit Set	-	-	-
	Oxides of Nitrogen		No Limit Set	-	-	-
A006 on site plan in schedule 7	Nitric Acid Vapour	Manganese Dinitrate Process Scrubber	No Limit Set	Spot sample	Annual ⁴	USEPA M7d
	Oxides of Nitrogen		200 mg/m ³	Averaged over the sampling period (at least half an hour)	Annual ⁴	BS EN 14792
A007 & A008 on site plan in Schedule 7	No parameter set	Supplementary Diesel Generators	No Limit Set	-	-	-

¹ Emission point A005 is being replaced by A006. A005 will therefore be decommissioned when A006 is operational in Q3 2013.

² Emission point A002 is not associated with the permitted processes.

³ Annual monitoring shall be carried out when the MEA polyborate process is operating and the dust extraction unit is switched on.

⁴ Annual monitoring shall be carried out when Manganese Dinitrate Process is operating.

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 (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
S001 on site plan in schedule 7 Emission to Sandycroft Drain	No parameters set	Surface water run-off	No limit set			

Schedule 4 - Reporting

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

Table S4.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	A001, A006	Every 12 months	1 October

Table S4.2 Reporting forms

Media/parameter	Reporting format	Date of form
Air	Form Air 1 or other form as agreed in writing by Natural Resources Wales	27/09/13

Schedule 5 - Notification

These pages outline the information that the operator must provide.

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

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

Part A

Permit Number	EPR/FP3031CW
Name of operator	Headland Agrochemicals Ltd
Location of Facility	Rectors Lane, Pentre, Deeside, Flintshire, CH5 2DH.
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 Headland Agrochemicals Ltd

Schedule 6 - Interpretation

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

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

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

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 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.

“hazardous property” has the meaning given in Schedule 3 of the Hazardous Waste (England and Wales) Regulations 2005 No.894 and the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138).

“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.

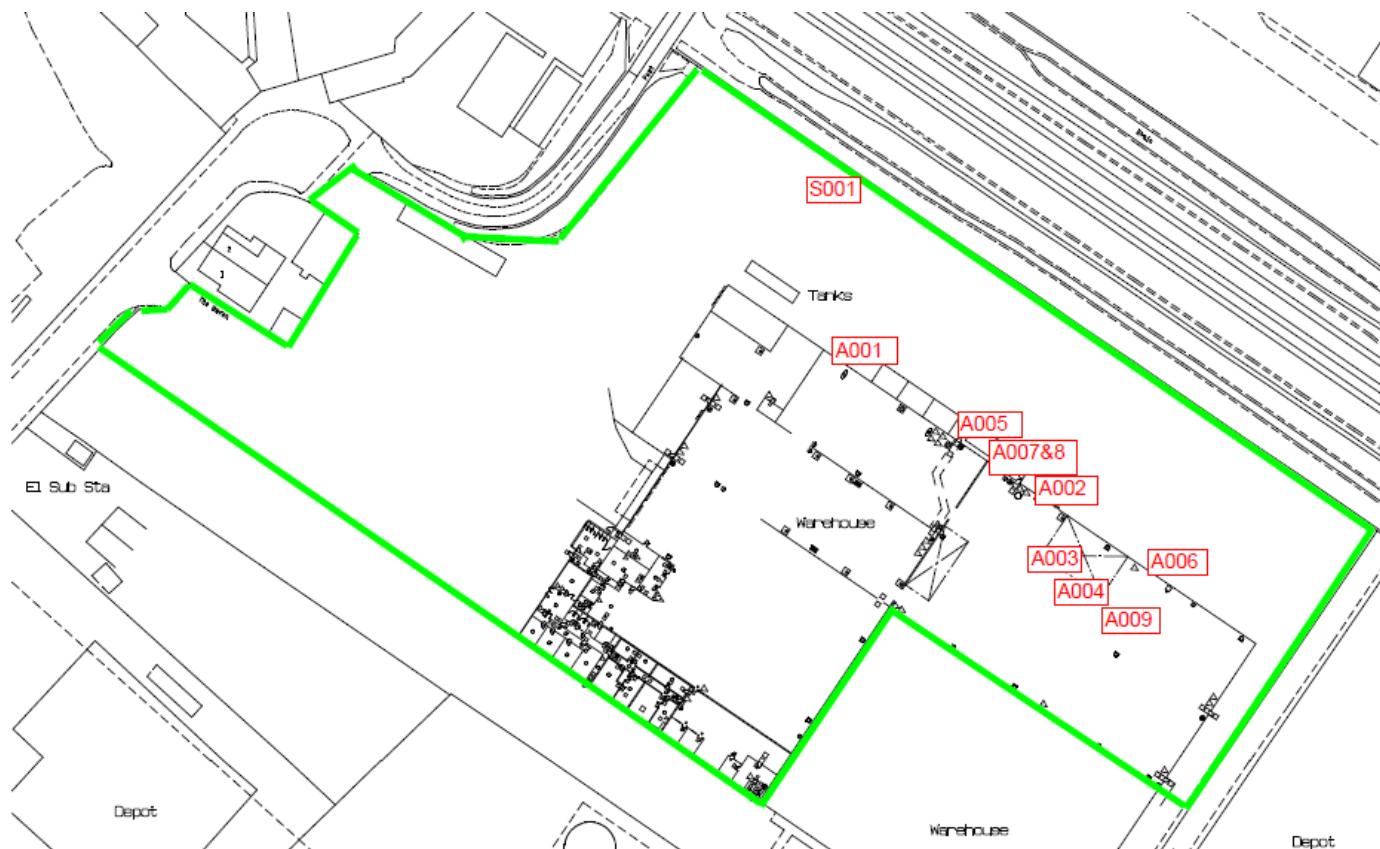
“year” means calendar year ending 31 December.

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

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- (b) 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



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END OF PERMIT