

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Headland Agrochemicals Limited

Pentre Agrochemicals Plant
Rectors Lane
Pentre
Deeside
Flintshire
CH5 2DH

Variation application number

EPR/FP3031CW/V002

Permit number

EPR/FP3031CW

Pentre Agrochemicals Plant

Permit number EPR/FP3031CW

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

This variation makes the following changes to the permit:

- Removal of emission to air point A001. This emission point is no longer needed as emissions from the manufacture of MEA Polyborate will be extracted and filtered through new extraction plant that will vent inside the building and not to atmosphere;
- In relation to emission to air point A002; replacement of the Dust Check SFKJ6-12.5-10 dust collection unit with a reverse pulse cartridge filter dust extraction unit;
- Addition of a new emission to air point – A010 – in relation to the fungicide and herbicide filling lines. Exhaust from this emission point will be filtered using a carbon filtration unit prior to discharge to atmosphere;
- Replacement of the temporary herbicide storage tanks with two above ground bulk storage tanks and installation of appropriate tank failure and process control mechanisms and systems; and
- Addition of emission to air point A011. This emission point is associated with a new internal local exhaust ventilation system which vents inside the building.

The schedules specify the changes made to the original 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 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. |
| Variation application EPR/FP3031CW/V002 | 02/06/15 | Application for variation to remove an emission point, replace extraction unit, add an emission point, and change storage arrangements for deliveries of herbicides. |
| Variation determined | 08/10/15 | Varied permit issued to Headland Agrochemicals Ltd. |

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Natural Resources Body for Wales ("Natural Resources Wales") in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/FP3031CW

issued to:
Headland Agrochemicals Limited ("the operator")

whose registered office is
Rectors Lane
Pentre
Flintshire
CH5 2DH

company registration number **01973941**

to operate a regulated facility at
Pentre Agrochemicals Site
Rectors Lane
Pentre
Deeside
Flintshire
CH5 2DH

to the extent set out in the schedules.

The notice shall take effect from 08 October 2015

Name

Date

| | |
|---|------------------------|
|  | 08 October 2015 |
|---|------------------------|

Eirian Macdonald
Authorised on behalf of Natural Resources Wales

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator:

Table S1.2 of Schedule 1 shall be amended to:

| 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 |
| 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 |
| Application | The response to Section 3 of Application Form C3 including the following supporting information: Non-technical summary of changes, EPR-FP3031CW PV01-12/14.Doc.01 Best Available Techniques Assessment, EPR FP3031CW PV01-12/14.Doc.2 Standard Operating Procedure, Environmental Monitoring Procedure, HSE-020. | 02/06/15 |

Table S3.1 of Schedule 3 shall be amended to:

| Emission point ref. & location | Parameter | Source | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|--|--------------------|---|------------------------|---|----------------------|-------------------------------|
| A002 on site plan in Schedule 7 | No parameter set | Dust Extraction Unit for Raw Material Charging ¹ | No Limit Set | - | - | - |
| A003, A004 & A009 on site plan in schedule 7 | Particulate Matter | Internal Mixer dust extraction system ³ | No Limit Set | - | - | - |
| A006 on site plan in schedule 7 | Nitric Acid Vapour | Manganese Dinitrate Process Scrubber | No Limit Set | Spot sample | Annual ² | USEPA M7d |
| | Oxides of Nitrogen | | 200 mg/m ³ | Averaged over the sampling period (at least half an hour) | Annual ² | BS EN 14792 |
| A007 & A008 on site plan in Schedule 7 | No parameter set | Supplementary Diesel Generators | No Limit Set | - | - | - |
| A010 on site plan in Schedule 7 | No parameter set | Herbicide and Fungicide Filling Lines | No Limit Set | - | - | - |
| A011 on site plan in Schedule 7 | Particulate Matter | Internal Mixer dust extraction system ³ | No Limit Set | - | - | - |

¹ Emission point A002 is not associated with the permitted processes.

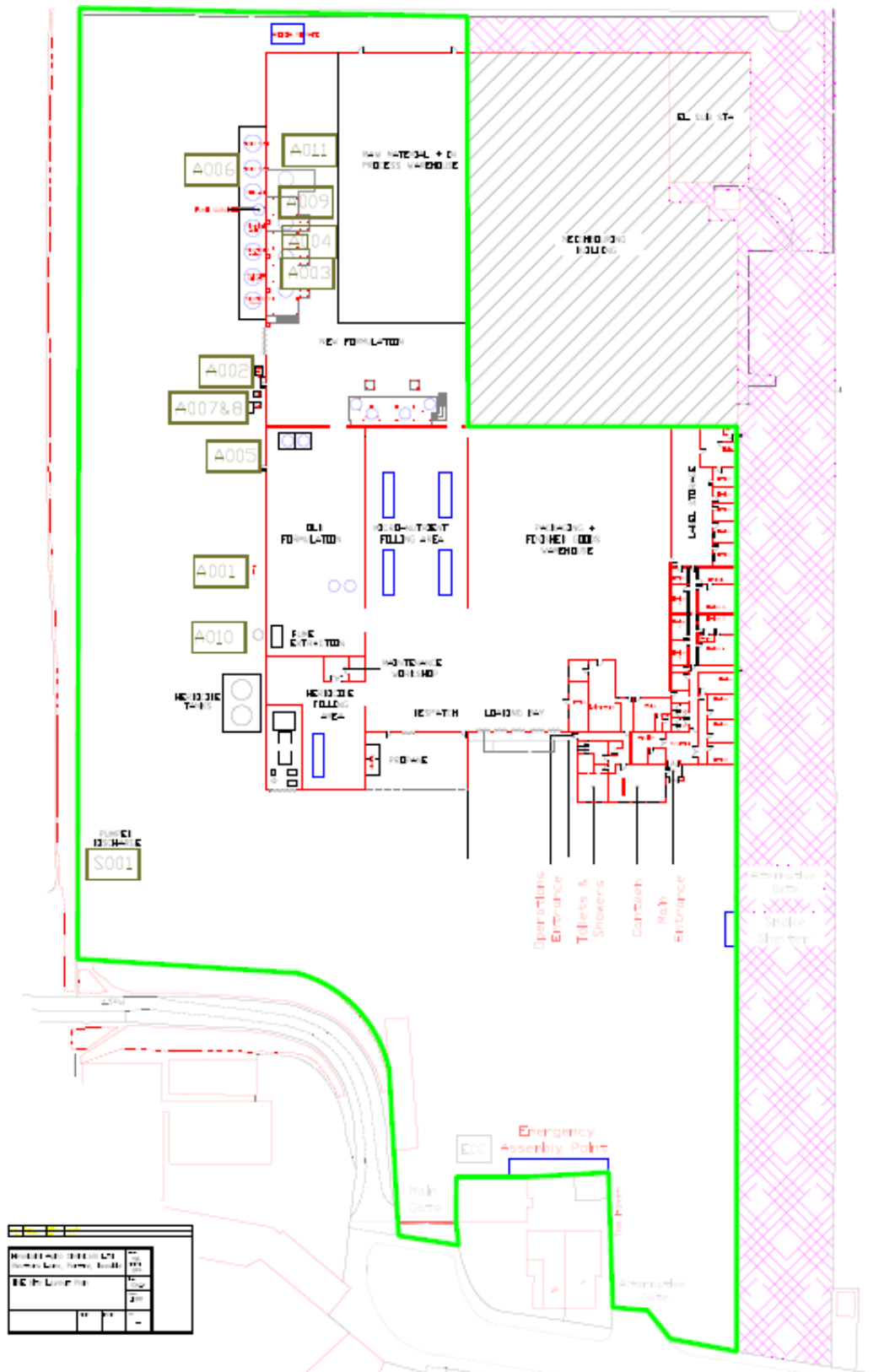
² Annual monitoring shall be carried out when Manganese Dinitrate Process is operating.

³ Emission points A003, A004, A009 and A011 are internal emission points that vent inside the building and not to atmosphere.

Schedule 3 – conditions to be added

None

The site plan in Schedule 7 shall be amended to:



© Crown Copyright and database right [2015]. Ordnance Survey licence number 100019741.