



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

FMC Agro Limited

**Pentre Agrochemicals Plant
Rectors Lane
Pentre
Deeside
Flintshire
CH5 2DH**

Variation number

EPR/FP3031CW/V004

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 is to install one stainless steel stack to each of the 3 10,000 litre Micronutrient mixer vessels. Mixer vessels 1 and 2 will be fitted with an 8-inch diameter fabricated stainless steel fixed pipework with bellows to the Mixer vessel. Mixer 4 will be fitted with a 10-inch diameter stainless steel pipework fixed with bellows to mixer vessel. All vents will exit the building through the wall and be fixed to the wall. The final discharge will be approximately 1 metre above the roof line.

The activity is listed in the Environmental Permitting Regulations 2016 as S4.2 A1 (a)(iv) and with reference to Regulatory Guidance Series, RGN2 v3.1 May 2015 Note 4.2.4

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 24/04/2013 | Application for the production of inorganic chemicals such as salts. |
| Schedule 5 Request for Additional Information | 10/07/2013 | |
| Additional Information received | 15/08/2013 | 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 | 27/09/2013 | Permit issued to Headland Agrochemicals Ltd. |
| Variation application EPR/FP3031CW/V002 | 02/06/2015 | 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 | 08/10/2015 | Varied permit issued to Headland Agrochemicals Ltd. |
| Notified of change of company name (Variation application EPR/FP3031CW/V003) | 28/06/2018 | Name changed to FMC Agro Limited. |
| Variation issued EPR/FP3031CW/V003 | 03/07/2018 | Varied permit issued to FMC Agro Limited. |
| Variation application EPR/FP3031CW/V004 | Duly Made 11/12/2019 | Application to add one stack to each of the 3 Micronutrient Mixer Vessels. |
| Variation determined EPR/FP3031CW/V004 | 26/02/2020 | Varied permit issued. |

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

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 2016 varies

Permit number
EPR/FP3031CW

issued to:
FMC Agro 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 set out in the schedules.

The notice shall take effect from 26/02/2020

Signed

Date

| | |
|----------------|--------------------|
| H Noble | 26 Feb 2020 |
|----------------|--------------------|

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:

| Table S1.2 Operating Techniques | | |
|--|--|------------------------|
| Description | Parts | Date Received |
| Application | <p>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"</p> <p>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"</p> | 13/02/13 & 24/04/13 |
| Schedule 5 Notice Response | <p>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".</p> <p>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.</p> | 15/08/13 |
| Variation EPR/FP3031CW/V002 | <p>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.</p> | 02/06/15 |
| Variation EPR/FP3031CW/V004 | <p>All parts of the minor technical variation application, including the following supporting documents: 190703 410.09343.00001_NTS_final 09343.00001.13.001.0_Site_Plan</p> | 04/07/19 |
| Variation EPR/FP3031CW/V004 | <p>Additional information received via email. Document reference Environmental Risk Assessment ENVRA001 – Duct Work.</p> | 01/11/19 |

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

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 |
|--|--------------------|---|-------------------------------|---|-----------------------------|--------------------------------------|
| A002 on site plan in Schedule 7 | No parameter set | Dust Extraction Unit for Raw Material Charging ¹ | No Limit Set | - | - | - |
| A003, A004, A009 & A011 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/m3 | Averaged over the sampling period (at least half an hour) | Annual ² | BS EN 14792 |
| A010 on site plan in Schedule 7 | No parameter set | Herbicide and Fungicide Filling Lines | No Limit Set | - | - | - |
| A012, A013 & A014 on site plan in schedule 7 | Carbon Dioxide | Mixer vessels 1,2 and 4 respectively | No Limit Set | - | - | - |

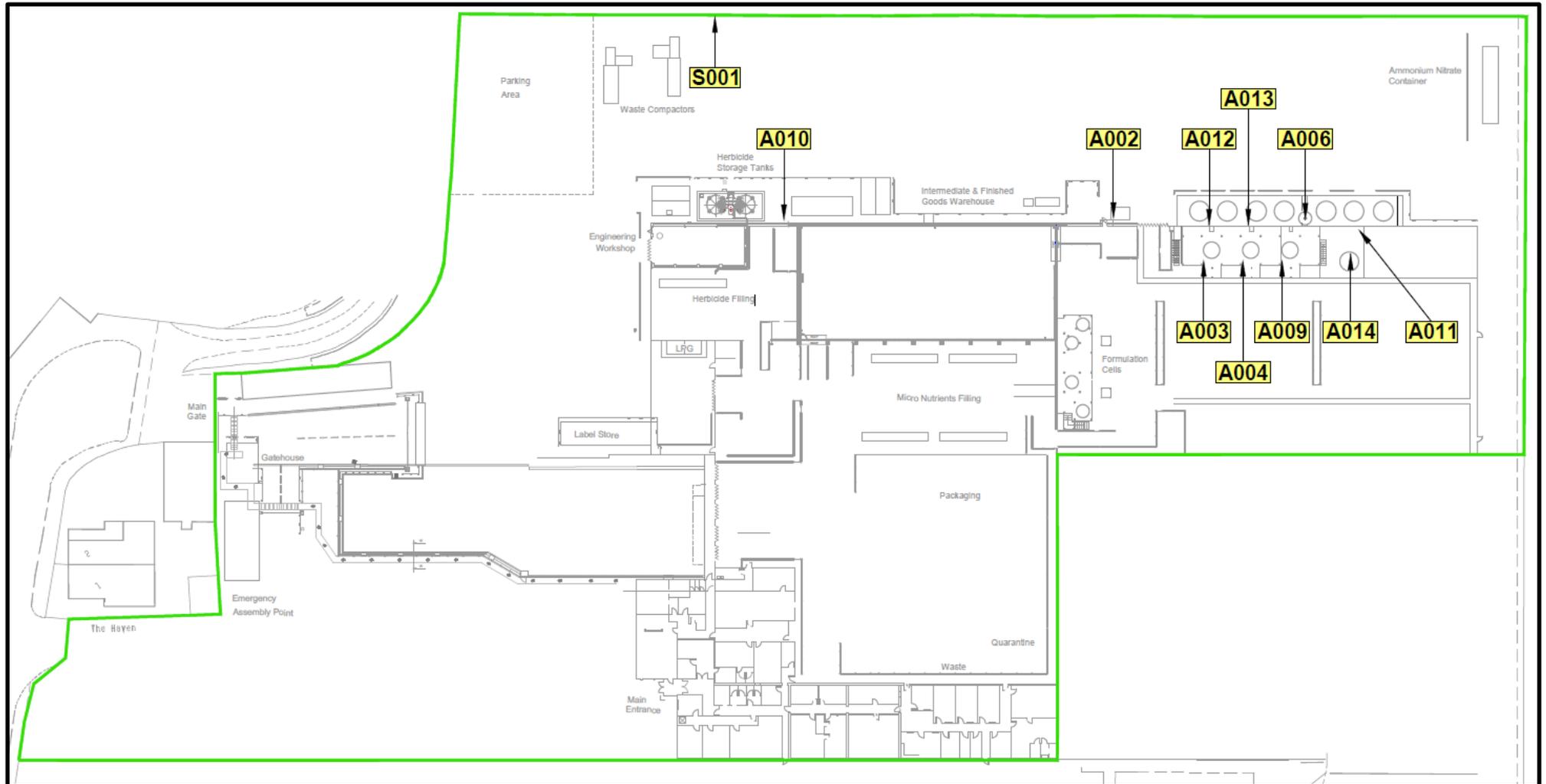
¹ Emission point A002 is not associated with the permitted processes.
² Annual monitoring shall be carried out when Manganese Dinitrate Process is operating.
³ Emission points A003, A004, A009 and A011 are internal emission points that vent inside the building and not to atmosphere.

Schedule 3 – conditions to be added

None

Schedule 4 – amended plan

The site plan in Schedule 7 shall be amended to:



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