



**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:</p> <p>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:

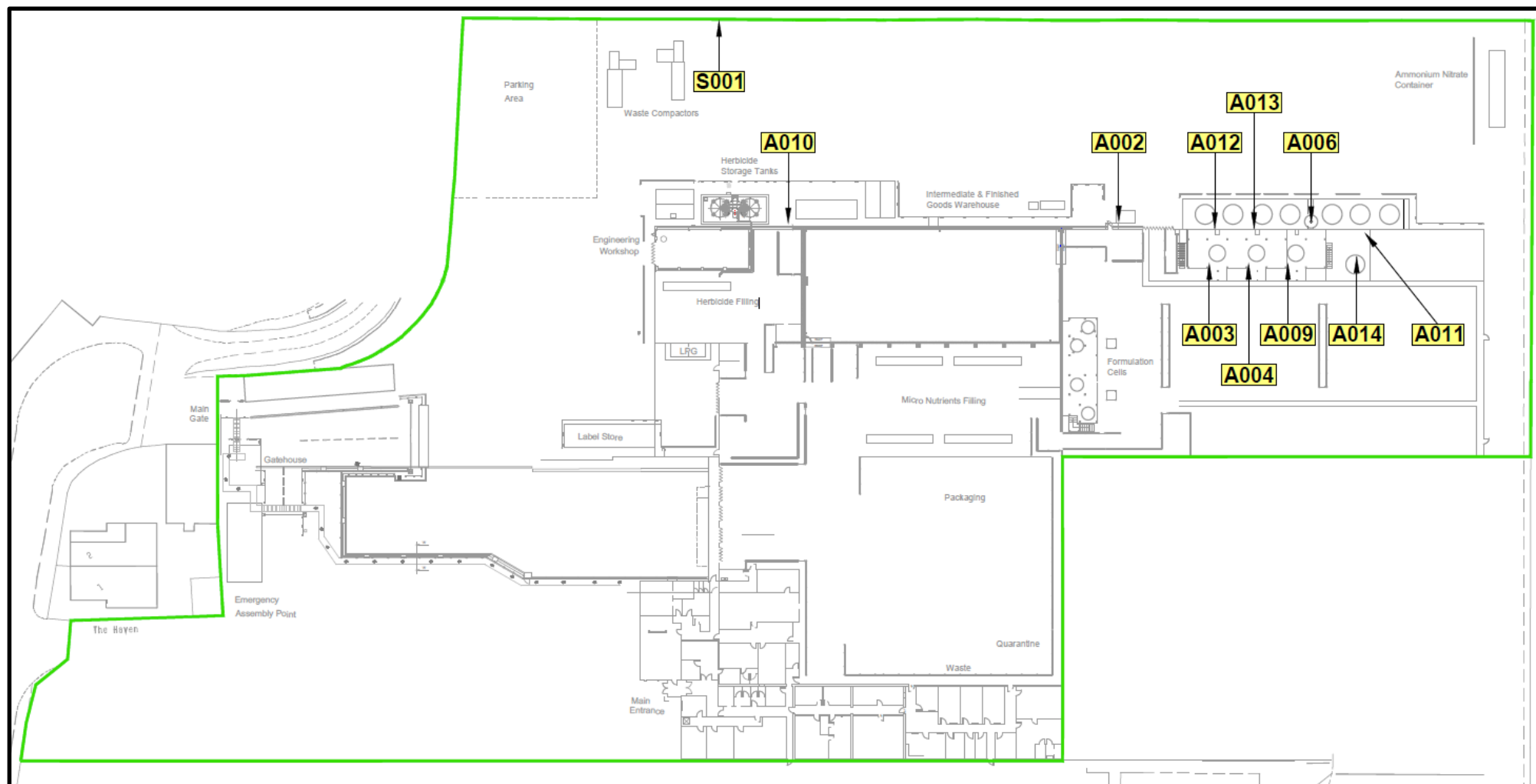
Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A002 on site plan in Schedule 7	No parameter set	Dust Extraction Unit 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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