

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Mr Andrew Davies, Mr William Davies and Mrs Freda Davies (trading as WRL & FM Davies and Son)

Aberhall Farm Poultry Unit
Aberhall Farm
St Owens Cross
Hereford
Herefordshire
HR2 8LL

Variation application number

EPR/TP3136MU/V004

Permit number

EPR/TP3136MU

Aberhall Farm Poultry Unit

Permit number EPR/TP3136MU

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.

Aberhall Farm Poultry Unit is approximately centred on National Grid Reference SO 53117 23876. The farm is permitted to stock up to 567,000 broiler chickens for meat production. This variation is for the operator to be allowed to use Grade 'A' wood product as an additional fuel source in the six existing and one new biomass boilers on site to provide hot water for heating the poultry houses. The capacity of the six existing boilers is 56kg/hr each (aggregated is 336kg/hr) and the capacity of the one new boiler is 285kg/hr.

Changes to the environmental permit are as follows:

- Table S1.1 is amended to incorporate the changes to the fuel source. The biomass boilers are changed from a directly associated activity (DAA) to a Section 5.1 Part B scheduled activity listed in Schedule 1 of the Environmental Permitting Regulations.
- Table S1.2 is amended to incorporate operating techniques and Grade 'A' wood waste specifications.
- Table S1.3 is amended to include an improvement condition regarding fire prevention plans for sites burning Grade 'A' wood waste in biomass boilers.
- Table S2.1 includes the permitted waste type for use as a fuel for the biomass boilers.
- Table S2.2 is added to show the List of Wastes code for the site biomass boilers fuel source.
- Table S3.1 is amended to incorporate the additional biomass boiler.
- Schedule 6 and includes a description for the interpretation of Grade 'A' recycled waste wood.

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 received EPR/TP3136MU/A001	Duly made 22/12/2006	Application for an intensive farming poultry installation permit.
Additional information received	25/07/2007	Confirmation of number of sheds.
Permit determined EPR/TP3136MU	14/09/2007	Permit issued to Mr Andrew Davies, Mr William Davies and Mrs Freda Davies.
Application EPR/TP3136MU/V002	23/08/2010	Application to vary the permit to increase broiler capacity from 252,000 to 567,000.
Additional information received	29/03/2011	Site plan.
Additional information received	30/03/2011	Updated drainage plans and confirmation of current and future drainage, list of Partners.
Additional information received	01/04/2011	Fugitive emissions proposals, site operational techniques for use of poultry litter treatment and heat exchangers.
Additional information received	04/04/2011	Heat exchanger condensate collection confirmation.
Variation determined EPR/TP3136MU	20/04/2011	Permit issued to Mr Andrew Davies, Mr

Status log of the permit		
Description	Date	Comments
		William Davies and Mrs Freda Davies.
Application EPR/TP3136MU/V003 (variation and consolidation)	02/09/2013	Application to add six biomass boilers to heat poultry sheds and to update permit to modern conditions to include the requirements of IED.
Additional information received	04/09/2013	Confirmation of air emissions table and revised site layout and drainage plans.
Variation determined EPR/TP3136MU	17/09/2013	Varied and consolidated permit issued in modern condition format to Mr Andrew Davies, Mr William Davies and Mrs Freda Davies.
Application EPR/TP3136MU/V004	Duly made 07/09/2015	Application to use Grade 'A' wood waste as an additional fuel for the site biomass boilers and add one additional biomass boiler.
Variation determined EPR/TP3136MU	12/11/2015	Varied permit issued to Mr Andrew Davies, Mr William Davies and Mrs Freda Davies.

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number

EPR/TP3136MU

Issued to

Mr Andrew Davies, Mr William Davies and Mrs Freda Davies (trading as WRL & FM Davies and Son)
("the operator")

whose principal office is

**Aberhall Farm
St Owens Cross
Hereford
Herefordshire
HR2 8LL**

to operate a regulated facility at

**Aberhall Farm Poultry Unit
Aberhall Farm
St Owens Cross
Hereford
Herefordshire
HR2 8LL**

to the extent set out in the schedules.

The notice shall take effect from 12/11/2015

Name	Date
J Linton	12/11/2015

Authorised on behalf of the Environment Agency

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 S1.1 is amended to incorporate the correct thermal input value for the six biomass boilers, changes to the biomass boilers fuel source and the addition of a Section 5.1 Part B activity.

Table S1.1 Activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
S6.9A(1)(a)(i) - rearing of poultry intensively in an installation with more than 40,000 places.	The rearing of poultry in a facility with a capacity for 567,000 broiler chicken places.	From receipt of birds, raw materials and fuels onto the site to the removal of birds and associated wastes from site.
S5.1B(a)(v) - incineration in a small waste incineration plant with an aggregate capacity of 50 kilogrammes or more per hour of wood waste.	Operation of six biomass boilers with an aggregated rated thermal input not exceeding 1,232kWth and one biomass boiler with a maximum thermal rated input not exceeding 1,047kWth for site heating requirements, burning Grade 'A' 'clean' recycled waste wood and biomass fuel not comprising animal carcasses.	From receipt of raw materials and fuels, to release of combustion products to air and associated wastes removed from site. Raw materials and fuel as specified in table S2.1. Waste type as specified in table S2.2 up to 150 tonnes at any one time.
Directly Associated Activity		
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Table S1.2 is amended to incorporate operating techniques and Grade 'A' wood waste specifications.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/TP3136MU/A001	The responses to sections B2.3.1, B2.3.2, B2.3.3, B2.6.1, B2.6.2, B2.6.3, B2.7.1 and B2.7.2 in the Application.	22/12/2006
Request for information dated 17/07/2007	Response to request for information confirming the number of sheds.	25/07/2007
Variation application EPR/TP3136MU/V002	Application and supporting documents for variation to an existing permit.	Duly made 23/08/2011
Request for information dated 16/03/2011	Boundary plan.	29/03/2011
Request for information dated 16/03/2011	Updated drainage plans and confirmation of current and future drainage, list of Partners.	30/03/2011
Request for information dated 16/03/2011	Fugitive emission mitigation proposals, site operational techniques for use of poultry litter treatment and heat exchangers.	01/04/2011
Request for information dated 16/03/2011	Heat exchange condensate collection confirmation.	04/04/2011
Variation application EPR/TP3136MU/V003	Application form and supporting documents for variation to an existing permit.	Duly made 02/09/2013
Request for information dated 03/09/2013	Revised site drainage and layout plan. Confirmation of air emission points.	04/09/2013
Application	Response to request for information regarding specification,	02/09/2015

Table S1.2 Operating techniques		
Description	Parts	Date Received
EPR/TP3136MU/V004	acceptance and inspection procedures, storage and tonnages of the Grade 'A' wood waste.	

Table S2.1 includes the permitted waste types for use as a fuel for the biomass boilers.

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Fuel for biomass boiler units.	Biomass chips or pellets comprising virgin timber, straw, miscanthus, Grade 'A' wood waste biomass; or a combination of these.

Table S3.1 includes the additional biomass boiler added as part of variation EPR/TP3136MU/V004.

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
Side wall fan outlets on houses 1 to 3 as shown on site layout plan <i>WRL Davies Layout Plan</i> of application EPR/TP3136MU/V003	---	Poultry sheds 1, 2 & 3	---	---	---	---
Roof fan outlets on houses 6 to 11 as shown on site layout plan <i>WRL Davies Layout Plan</i> of application EPR/TP3136MU/V003	---	Poultry sheds 6, 7, 8, 9, 10 & 11	---	---	---	---
Gable end fans on houses 1 - 11 as shown on site layout plan <i>WRL Davies Layout Plan</i> of application EPR/TP3136MU/V003	---	Poultry sheds 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 & 11	---	---	---	---
Exhaust from heat exchanger stack on houses 1 - 5 as shown on site layout plan <i>WRL Davies Layout Plan</i> of application EPR/TP3136MU/V003	---	Poultry sheds 1, 2, 3, 4 & 5	---	---	---	---
Vent from fuel tanks as shown on site layout plan <i>WRL Davies Layout Plan</i> of application EPR/TP3136MU/V003	---	Fuel Tanks	---	---	---	---
Vent from LPG tanks as shown on site layout plan <i>WRL Davies Layout Plan</i> of application EPR/TP3136MU/V003	---	LPG Tanks	---	---	---	---
Exhaust from Standby generator as shown on site layout plan <i>WRL Davies Layout Plan</i> of application EPR/TP3136MU/V003	---	Standby generator	---	---	---	---
Emissions from biomass boilers as shown on site layout plan in application EPR/TP3136MU/V004	---	6No. 205kWth and 1No. 1,047kWth biomass boilers (aggregated input of 2,279kWth)	---	---	---	---

Schedule 6 includes a description for the interpretation of Grade 'A' recycled waste wood.

"Grade 'A' clean recycled wood" means visibly 'clean' recycled waste wood mainly originating from packaging waste, pallets, packing cases and process off-cuts from the manufacture of untreated wood products. As defined in BSI PAS 111: 2012.

The following table is amended as a result of an Environment Agency initiated variation.

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>A written plan shall be submitted to the Environment Agency for approval, following a review of all site drainage at the installation. The plan should take into account the appropriate measures for the management of drainage systems and run-off in S3.3 of SGN How to Comply – Intensive Farming, Version 1, and include a timetable for any improvements to the drainage system. The notification requirements of condition 2.4.2 shall be deemed to have been complied with on submission of the plan.</p> <p>The plan shall be implemented by the operator from the date of approval in writing by the Environment Agency subject to such amendments or additions as notified by the Environment Agency.</p>	Completed
IC2	<p>A written plan shall be submitted to the Environment Agency for approval following a review of existing poultry housing and management practices at the installation. The plan shall take into account the appropriate measures in S6.2.1 and S6.2.2 of SGN How to Comply – Intensive Farming, Version 1. The plan shall identify measures to reduce emissions to all media, the likely cost of such measures and a proposed timetable for their implementation. The notification requirements of condition 2.4.2 shall be deemed to have been complied with on submission of the plan.</p> <p>The plan shall be implemented by the operator from the date of approval in writing by the Environment Agency subject to such amendments or additions as notified by the Environment Agency.</p>	Completed
IC3	<p>A written report shall be submitted to the Environment Agency for approval following a review of the effectiveness of the ammonia mitigation techniques proposed and implemented at the installation. The report shall take into account the latest information and mitigation techniques for reducing ammonia emissions at Aberhall Farm. If alternative techniques are available and more appropriate the report shall incorporate a cost benefit analysis and a proposed timetable for the implementation of any agreed mitigation measures. The notification requirements of condition 2.4.2 shall be deemed to have been complied with on submission of the report.</p> <p>The report shall be submitted to the Environment Agency in writing; and any identified improvements shall be implemented by the operator from the date of approval of the report in writing by the Environment Agency subject to such amendments or additions as notified by the Environment Agency in writing.</p>	20/04/2013
IC4	<p>The operator shall produce a fire prevention plan for the storage of combustible waste wood chip where it is used in a permitted biomass boiler. The fire prevention plan will form part of the site accident management plan and include what to do if a fire should happen at the permitted installation in relation to the storage of combustible waste wood chip.</p>	31/03/2016

Schedule 3 – conditions to be added

The following condition and table are added as a result of the application made by the operator.

2.3.5 Waste shall only be accepted if it is of a type and quantity listed in schedule 2 table S2.2.

Table S2.2 is added to include the relevant List of Wastes code for the biomass boiler fuel sources.

Table S2.2 Permitted waste types for use as fuel for the biomass boiler unit.	
15	Waste packaging, absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 03	wooden packaging

Schedule 4 – amended site plan

