

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Mwyndy Solid Fuel Briquette
Manufacturer

Maxibrite Limited
Mwyndy Industrial Estate
Llantrisant
Rhondda Cynon Taf
CF72 8PN

Variation notice number
EPR/VP3132LJ/V002

Permit number
EPR/VP3132LJ

Mwyndy Solid Fuel Briquette Manufacturer

Permit number EPR/VP3132LJ

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 S.I.2010 No. 675 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

This variation is to add a rotary drum coal dryer to the coal briquette manufacturing process. This will pre-dry the coal fines using a 2.4MW natural gas fired burner. The dryer will be connected to a bag filter unit before venting to atmosphere via a small, low level exhaust release stack. This additional point source release to air will be designated 'A9'. The new dryer will be a directly associated activity to the main listed activity.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added and Schedule 4 shows any changes to the plan.

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

Status Log of the permit		
Detail	Date	Response Date
Application VP3132LJ	Duly made 11/10/06	
Schedule 4 Notice	04/01/07	10/01/07, 22/01/07, 31/01/07, 01/02/07
Further information		23/04/07, 26/04/07
Permit determined VP3132LJ (EPR/VP3132LJ/A001)	15/06/07	
Application EPR/VP3132LJ/V002	Duly made 27/07/10	
Additional Information Received – Site Plan		13/10/10
Variation EPR/VP3132LJ/V002 issued	20/10/10	

End of Introductory Note

Permit number
EPR/VP3132LJ

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675) varies the permit as set out below.

Maxibrite Limited ("the operator"),

whose registered office is

**West Terrace
Esh Winning
County Durham
DH7 9PT**

company registration number **00731607**

holds a permit to operate a regulated facility at

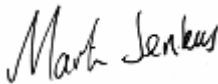
**Mwyndy Industrial Estate
Llantrisant
Rhondda Cynon Taf
CF72 8PN**

and that permit is varied to the extent set out in Schedules 1 to 4 of this notice.

The notice shall take effect from **20 October 2010**

Name

Date

	20 th October 2010
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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 part of the application for variation as follows

1. The activities enabled by the permit are identified in Table S1.1. The whole of Table S1.1 is amended to reflect the proposals in the variation

Table S1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 1.2 Part A(1)(j) : Activities involving the pyrolysis, carbonisation, distillation, liquefaction, gasification, partial oxidation or other heat treatment of— (i) coal...	Producing smokeless solid fuel briquettes.	From receipt of raw materials to despatch of finished product including storage and handling of all materials.
Section 5.3 A(1)(c)(ii) : Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by— (ii) physico-chemical treatment	Treatment of plant effluent and site drainage.	From receipt of effluent to discharge via W1.
Directly Associated Activity		
Steam generation.	Two 1.126MW Gas fired package boilers.	From receipt of natural gas to generation of steam including distribution and release of combustion products.
Pre-drying of coal fines.	Rotary drum dryer using a 2.4MW gas fired burner.	From receipt of natural gas to distribution and release of drying and combustion products.

2. The requirements of the point source emissions to air are amended to reflect the proposals in the variation

Table S4.1 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 method¹
A1 [Point A1 on site plan in Schedule 2]	Particulate matter	Main stack	100mg/m ³	Spot sample	Quarterly	BS ISO 9096
A1 [Point A1 on site plan in Schedule 2]	Sulphur dioxide	Main stack	75 mg/m ³	Spot sample	Quarterly	BS EN 14791
A1 [Point A1 on site plan in Schedule 2]	Oxides of nitrogen	Main stack	75 mg/m ³	Spot sample	Quarterly	BS EN 14792
A2 [Point A2 on site plan in Schedule 2]	-	Gas fired package boiler	-	-	-	-
A3 [Point A3 on site plan in Schedule 2]	-	Gas fired package boiler	-	-	-	-
A4 [Point A4 on site plan in Schedule 2]	-	Vent stack, pug mill stack	-	-	-	-
A5 [Point A5 on site plan in Schedule 2]	-	Vent stack, cooling screw press side	-	-	-	-
A6 [Point A6 on site plan in Schedule 2]	-	Vent stack, pug mill	-	-	-	-
A7 [Point A7 on site plan in Schedule 2]	-	Vent stack, cooling screw press side	-	-	-	-
A9 [Point A9 on site plan in Schedule 2]	Particulate matter	Rotary dryer stack	45mg/m ³	Spot sample	Quarterly	BS EN 13284-1 and MID

Note 1: method as stated or as otherwise indicated by MCERTS and Environment Agency M2 monitoring guidance.

3. The operating techniques for the permitted activities are amended to reflect the proposals in the variation

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Sections 2.1 and 2.2 of the application.	11/10/06
Application	1st paragraph of Section 2.10.2	11/10/06
Application	Abatement equipment and techniques as described in document reference 'Rotary Drum Dryer Variation 01'.	27/07/10

4. The process monitoring requirements for the permitted activities are amended to reflect the new emission point

Table S4.4 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
W1 on site plan in schedule 2	Oil and Grease	Daily	Not applicable	Visual check for oil and grease
W1 on site plan in schedule 2	pH	Daily	Not applicable	None
W1 on site plan in schedule 2	Suspended solids	Continuous	Not applicable	Alarm shall indicate when discharge via W1 has suspended solids level above 150mg/l.
W1 on site plan in schedule 2	Ammonia	Daily	Not applicable	None
W1 on site plan in schedule 2	Temperature	Continuous	Not applicable	None
W1 on site plan in schedule 2	Flow	Continuous	Not applicable	None
A1 on site plan in schedule 2	Particulate Matter	Continuous	Not applicable	None
A9 on site plan in schedule 2	Particulate Matter	Continuous	Not applicable	None

5. The reporting requirements for the permitted activities are amended to reflect the new emission point

Table S5.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.6.1.	A1, A9	Every 3 months	01/09/10
Emissions to water Parameters as required by condition 3.6.1	W1	Every 3 months	01/09/10

Table S5.4 Reporting forms

Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Agency	20/10/10
Water	Form water 1 or other form as agreed in writing by the Agency	15/06/07
Water usage	Form water usage1 or other form as agreed in writing by the Agency	15/06/07
Energy usage	Form energy 1 or other form as agreed in writing by the Agency	15/06/07
Other performance indicators	Form performance 1 or other form as agreed in writing by the Agency	15/06/07

Schedule 3 – conditions to be added

The following conditions are added to the permit as part of the application for variation

1. The improvement programme shown in Table S1.3 has improvement conditions added as a result of the proposals contained in the variation application

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC13	The operator shall conduct a noise assessment on commissioning of the new rotary dryer unit. This should include a survey in accordance with BS4142:1997 and the Horizontal Guidance Note IPPC H3 Part 2 – Noise Assessment and Control. In addition, the survey should include a tonal noise assessment using 1/3 octave and narrow band frequency analysis. The operator shall submit a copy of the report to the Environment Agency. Where improvements are required, the report shall include a timetable for their implementation.	01/06/2011
IC14	The operator shall undertake an environmental assessment of emissions to air via release point A9. The proposed substances, analytical methods and assessment methodology shall be submitted to the Environment Agency for approval prior to commencement of the assessment. Once 12 months of monitoring data has been collected, the operator shall submit an updated air quality modelling report to the Environment Agency. Where improvements are required, the report shall include a timetable for their implementation. These actions will enable the Environment Agency to review the A9 ELV of 45mg/m3 for particulate matter.	01/06/2012

2. The following definitions are added to ‘Schedule 7 – Interpretation’ in order to define the new terminology introduced by this variation.

“abatement equipment” means that equipment dedicated to the removal of polluting substances from releases from the installation to air or water media.

“ISO” means International Standards Organisation.

“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.

Schedule 4 – amended plan

Amended site plan attached

