

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Hawkeswood Metal Recycling Limited

Hawkeswood Metal Recycling Limited

106-116 Aston Church Road

Nechells

Birmingham

B7 5RX

Variation application number

EPR/AP3392EM/V002

Permit number

EPR/AP3392EM

Hawkeswood Metal Recycling Limited

Permit number EPR/AP3392EM

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.

The Industrial Emissions Directive (IED) was transposed in England and Wales by the Environmental Permitting (England and Wales)(Amendment) Regulations 2013 on 27 February 2013. This variation implements the changes brought about by the IED for “existing facilities operating newly prescribed activities” and completes the transition of this facility from a waste operation to an IED Installation.

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/AP3392EM/A001	Duly made 03/06/2009	
Permit determined EAWML 100816 EPR/AP3392EM	03/10/2009	Permit issued to Hawkeswood Metal Recycling Limited
Application EPR/AP3392EM/V002 (variation and consolidation)	Duly made 17/02/2015	Application to vary and update the permit to incorporate changed under IED.
Further information received	25/06/2015	Information on treatment capacities, OPRA and drainage plan.
Further information received	20/07/2015	Clarification of discharge to River Rea
Variation determined EPR/AP3392EM (Billing Ref: NP3530AG)	09/10/2015	Varied permit issued.

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/AP3392EM

Issued to

Hawkeswood Metal Recycling Limited ("the operator")

whose registered office is

Riverside Works

Trevor Street

Nechells

Birmingham

B7 5RG

company registration number 04282969

to operate a regulated facility at

Hawkeswood Metal Recycling Limited

106-116 Aston Church Road

Nechells

Birmingham

B7 5RX

to the extent set out in the schedules.

The notice shall take effect from 09/10/2015

Name	Date
Rebecca Warren	09/10/2015

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:

- Conditions 3.1.1, 4.3.1, 4.3.2 and 4.4.2 are amended to reflect the changes to Schedule 1 of the Environmental Permitting Regulations introduced by the Industrial Emissions Directive. Conditions 3.1.1, 4.3.1, 4.3.2 and 4.4.2 read as follows:

Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in Schedule 4 Tables S4.1 and S4.2.

Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately —
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
 - (b) of a breach of any permit condition the operator must immediately —
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in Schedule 5 to this permit within the time period specified in that schedule.

Interpretations

- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

- Table S1.1 as referenced by Condition 2.1.1 is amended to reflect the changes to Schedule 1 of the Environmental Permitting Regulations introduced by the Industrial Emissions Directive. Table S1.1 now reads as follows:

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A1 Metal Shredding	S5.4 A(1) (b) (iv)	<p>Recovery or a mix of recovery and disposal of non hazardous waste with a capacity exceeding 75 tonnes per day involving treatment in shredders of metal waste, including waste electrical and electronic equipment and end-of-life vehicles and their components.</p> <p>R4: Recycling/reclamation of metals and metal compounds</p>	<p>From receipt of metal waste to storage of shredded materials.</p> <p>Treatment of non-hazardous metal waste on an impermeable surface with sealed drainage system.</p> <p>Treatment consisting only of shredding and fragmentising of ferrous and non-ferrous metals into different components for recovery of wastes listed in Table S3.1</p> <p>The annual throughput of wastes listed in Table S3.1 shall not exceed 425,000 tonnes.</p>
Directly Associated Activity			
A2	Storage of waste	<p>Storage of metal wastes on an impermeable surface prior to treatment.</p> <p>R13: Storage of waste pending the operations numbered R4 and R5 (excluding temporary storage, pending collection, on site where it is produced).</p>	<p>From receipt of waste to treatment.</p> <p>Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery.</p> <p>Wastes as specified in Table S3.1.</p>
A3	Physical treatment for the purposes of recycling	<p>R4: Recycling/reclamation of metals and metal compounds</p> <p>R5: Recycling/reclamation of other inorganic materials</p>	<p>From the receipt of waste to despatch off site for recovery.</p> <p>Pre-treatment and post-treatment of metal waste on an impermeable surface with a sealed drainage system.</p>

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
			<p>Pre-treatment consisting only of sorting, separation, grading, shearing, baling, compacting, crushing, granulating and cutting of ferrous and non-ferrous metals into different components for recovery. Post-treatment of metal wastes including cleaning and further separation.</p> <p>Wastes as specified in Table S3.1.</p>
A4	Storage of processed materials	<p>Storage of separated ferrous and non-ferrous metals following treatment.</p> <p>R13: Storage of waste pending the operations numbered R4 and R5 (excluding temporary storage, pending collection, on site where it is produced).</p>	From storage of processed materials to despatch off site for recovery.
A5	Raw materials storage	Storage of raw materials including oils, lubricants, greases and diesel.	From the receipt of raw materials to despatch for use within the facility
Activity reference	Description of activities for waste operations		Limits of activities
A6 Metal Recycling	<p>R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p>R4: Recycling/reclamation of metals and metal compounds</p>		<p>Physical treatment consisting only of sorting, separation, grading, shearing, baling, compacting, crushing, granulating and cutting of ferrous and non-ferrous metals into different components for recovery.</p> <p>Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery.</p> <p>Waste types as specified in Table 3.1</p> <p>The annual throughput of wastes listed in Table S3.1 shall not exceed 75,000 tonnes.</p>

Schedule 3 – conditions to be added

The following conditions and tables are added as a result of the application made by the operator and in accordance with the requirements of the Industrial Emissions Directive:

1.3 Energy efficiency

- 1.3.1 For the following activities referenced in Schedule 1, Table S1.1 (A1 to A5) the operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.

1.4 Efficient use of raw materials

- 1.4.1 For the following activities referenced in Schedule 1, Table S1.1 (A1 to A5) the operator shall:
- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any further appropriate measures identified by a review.

1.5 Avoidance, recovery and disposal of wastes produced by the activities

- 1.5.1 The operator shall take appropriate measures to ensure that:
- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
 - (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.5.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2.3 Operating techniques

- 2.3.3 Any raw materials or fuels listed in Schedule 3 Table S3.2 shall conform to the specifications set out in that table.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and

(e) the waste code of the waste.

2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

3.1 Emissions to water, air or land

3.1.2 The limits given in Schedule 4 shall not be exceeded.

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.5 Pests

3.5.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.5.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.6 Fire prevention

3.6.1 The operator shall take all appropriate measures to prevent fires on site and minimise the risk of pollution from them including, but not limited to, those specified in any approved fire prevention plan.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to a risk of fire, submit to the Environment Agency for approval within the period specified, a fire prevention plan which prevents fires and minimises the risk of pollution from fires;
- (b) implement the fire prevention plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in Schedule 5 table S5.1;
- (b) for the reporting periods specified in Schedule 5 table S5.1 and using the forms specified in Schedule 5 table S5.4; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 For the following activities referenced in Schedule 1, Table S1.1 (A1 to A5) a report or reports on the performance of the activities over the previous year shall be submitted to the

Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production/treatment data set out in Schedule 5 Table S5.2; and
- (c) the performance parameters set out in Schedule 5 Table S5.3 using the forms specified in table S5.4 of that schedule.

4.2.5 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

Schedule 3 – Waste types, raw materials and fuels

Table S3.2 Raw materials and fuels	
Raw materials and fuel description	Specification
Oils, lubricants, greases and diesel	Sulphur content of gas oils and fuel oils must not exceed 0.1% by mass.

Schedule 4 – Emissions and monitoring

Table S4.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Surface water emission, via an interceptor, to the River Rea as shown on 'Site Drainage Plan (HMR IED 004)' dated 23/06/2015 submitted with application EPR/AP3392EM/V002	--	Surface water	--	--	--	--

Schedule 5 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S5.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
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Table S5.2 Annual production/treatment	
Parameter	Units
Shredded metal processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes

Table S5.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³ per tonne of metal processed
Energy usage	Annually	MWh per tonne of metal processed
Total raw material used	Annually	tonne per tonne of metal processed

Table S5.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Water usage	Form WaterUsage1 or other form as agreed in writing by the Environment Agency	09/10/2015
Energy usage	Form Energy1 or other form as agreed in writing by the Environment Agency	09/10/2015
Other performance indicators	Form Performance1 or other form as agreed in writing by the Environment Agency	09/10/2015
Waste returns	E-waste Return Form	--

END OF NOTICE.

Permit Number: AB1234CD

Operator: [Operator name]

Facility: [Facility name]

Form Number: WaterUsage1/09/10/2015

Reporting of Water Usage for the year

Water Source	Usage (m3/year)	Specific Usage (m3/unit output)
Mains water		
Site borehole		
River abstraction		
TOTAL WATER USAGE		

Operator's comments:

Signed

Date.....

(authorised to sign as representative of Operator)

Permit Number: AB1234CD

Operator: [Operator name]

Facility: [Facility name]

Form Number: Energy1/09/10/2015

Reporting of Energy Usage for the year

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh		
Biogas	tonnes or m ³		
Biomethane	tonnes or m ³		
Natural Gas	MWh		
Recovered Fuel Oil	tonnes		
Gas Oil	tonnes		
TOTAL	-		

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)

Permit Number: AB1234CD

Operator: [Operator name]

Facility: [Facility name]

Form Number: Performance1/09/10/2015

Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY

Parameter	Units
Total raw material used	tonnes
Shredded metal processed	tonnes
Ferrous metal recovered	tonnes
Non-ferrous metal recovered	tonnes

Operator's comments:

Signed

Date.....

(Authorised to sign as representative of Operator)