# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2010

C. D. Jordan & Son Limited

European Metal Recycling
Dundas Spur
Dundas Lane
Portsmouth
Hampshire
PO3 5NX

### Variation application number

EPR/EP3292HT/V007

### Consolidated permit number

EPR/EP3292HT

# European Metal Recycling, Dundas Spur
# Permit number EPR/EP3292HT

## Introductory note

### This introductory note does not form a part of the notice.

The following notice gives notice of the variation of environmental permits A, B, C and D referred to in the status logs below and the replacement of those permits with a consolidated environmental permit.

Under the Environmental Permitting (England & Wales) Regulations 2010 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

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.

C. D. Jordan & Son Limited operate a metal recycling site at Dundas Spur, Portsmouth. The site is within 50m of human receptors, 800m of Chichester and Langstone Harbour SSSI, SPA and Ramsar and the Solent Maritime SAC, 2.5km of Portsmouth Harbour SSSI, SPA and Ramsar, and 7.5km of the Solent & Isle of White Lagoons SAC. The facility operates a metal shredder (fragmentiser) with a capacity of more than 75 tonnes per day, this activity falls under the Industrial Emissions Directive:

- S5.4 A(1) (b) (iv) 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.

The remaining waste operations on site include the following:

- Manual vehicle storage, depollution and dismantling (authorised treatment) facility;
- WEEE storage and treatment; and
- Metal recycling.

Permit A will be the lead permit; permits B, C and D will cease.

The schedules specify the changes made to the permit.

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

| **Status log of permit A: EPR/EP3292HT** | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Licence issued 12/14 | 01/02/90 | Scrapyard licence issued to C. D. Jordan & Son Limited. |
| Modification issued 12/14A | 27/02/91 | Licence reissued. |
| Modification issued 12/14A | 31/05/96 | Waste returns condition added. |
| Modification issued EAWML 19965 (previously 12/14A) | 29/05/02 | Various conditions amended. |
| Modification issued EAWML 19965 | 07/11/08 | Environment Agency initiated variation to add WEEE conditions. |

| Status log of permit A: EPR/EP3292HT | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Variation issued EPR/EP3292HT/V006 (previously EAWML 19965) | 11/12/09 | Environment Agency initiated variation to amend interpretation to WEEE conditions. |
| Variation and consolidation application EPR/EP3292HT/V007 | Duly made 19/09/14 | Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT), EAWML 19963 (EPR/EP3892HY), EAWML 19964 (EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY). |
| Variation determined EPR/EP3292HT (PAS billing ref: AP3232WN) | 13/03/17 | Varied and consolidated permit issued in modern condition format. |

| Status log of permit B: EPR/EP3892HY | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Licence issued 12/11A | 27/02/91 | Scrapyard licence issued to C. D. Jordan & Son Limited. |
| Modification issued 12/12 | 13/05/91 | Licence reissued to Scrap Processing (Portsmouth) Limited. |
| Modification issued 12/12 | 31/05/96 | Waste returns condition added. |
| Transfer issued 12/12 | 12/11/02 | Licence transferred in full to C D Jordan & Son Limited. |
| Modification issued EAWML 19963 (previously 12/12) | 07/11/08 | Environment Agency initiated variation to add WEEE conditions. |
| Variation issued EPR/EP3892HY/V005 (previously EAWML 19963) | 11/12/09 | Environment Agency initiated variation to amend interpretation to WEEE conditions. |
| Variation and consolidation application EPR/EP3892HY/V006 | Duly made 19/09/14 | Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT), EAWML 19963 (EPR/EP3892HY), EAWML 19964 (EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY). |
| Variation determined EPR/EP3292HT (PAS billing ref: AP3232WN) | 13/03/17 | Varied and consolidated permit issued in modern condition format. |

| Status log of permit C: EPR/EP3492HZ | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Licence granted 12/13 | 01/02/90 | Scrapyard licence issued to C. D. Jordan & Son Limited. |
| Modification issued 12/13A | 27/02/91 | Licence reissued. |
| Modification issued 12/13A | 31/05/96 | Waste returns condition added. |
| Modification issued EAWML 19964 (previously 12/13A) | 29/05/02 | Various conditions amended. |

| Status log of permit C: EPR/EP3492HZ | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Variation and consolidation application EPR/EP3492HZ/V005 (previously EAWML 19964) | Duly made 19/09/14 | Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT), EAWML 19963 (EPR/EP3892HY), EAWML 19964 (EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY). |
| Variation determined EPR/EP3292HT (PAS billing ref: AP3232WN) | 13/03/17 | Varied and consolidated permit issued in modern condition format. |

| Status log of permit D: EPR/YP3795HY | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Licence issued EAWML 10242 | 24/05/04 | End of life vehicle permit issued to C. D. Jordan & Son Limited. |
| Modification issued EAWML 10242 | 07/11/08 | Environment Agency initiated variation to add WEEE conditions. |
| Variation issued EPR/YP3795HY/V003 (previously EAWML 10242) | 11/12/09 | Environment Agency initiated variation to amend interpretation to WEEE conditions. |
| Variation and consolidation application EPR/YP3795HY/V004 (previously EAWML 10242) | Duly made 19/09/14 | Application to vary and update the permit to IED conditions. Variation and consolidation of EAWML 19965 (EPR/EP3292HT), EAWML 19963 (EPR/EP3892HY), EAWML 19964 (EPR/EP3492HZ) and EAWML 10242 (EPR/YP3795HY). |
| Variation determined EPR/EP3292HT (PAS billing ref: AP3232WN) | 13/03/17 | Varied and consolidated permit issued in modern condition format. |

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulations 18 and 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates environmental permits

### Permit numbers

**Permit A: EPR/EP3292HT**
**Permit B: EPR/EP3892HY**
**Permit C: EPR/EP3492HZ**
**Permit D: EPR/YP3795HY**

### Issued to

**C. D. Jordan & Son Limited** ("the operator")

whose registered office is

**Sirius House**
**Delta Crescent**
**Westbrook**
**Warrington**
**Cheshire**
**WA5 7NS**

company registration number **01041311**

to operate regulated facilities at

**European Metal Recycling**
**Dundas Spur**
**Dundas Lane**
**Portsmouth**
**Hampshire**
**PO3 5NX**

to the extent set out in the schedules.

The notice shall take effect from 13 March 2017.

### The number of the consolidated permit is EPR/EP3292HT.

| Name | Date |
|---|---|
| **Mike Jenkins** | **13/03/2017** |

Authorised on behalf of the Environment Agency

## Schedule 1 – changes in the permit

**Note:** The conditions numbers used in this schedule refer to those in the consolidated permit.

All conditions have been varied by the consolidated permit as a result of an application made by the operator.

## Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

# Permit

## The Environmental Permitting (England and Wales) Regulations 2010

### Permit number

**EPR/EP3292HT**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/EP3292HT/V007 authorising,

**C. D. Jordan & Son Limited** ("the operator"),

whose registered office is

**Sirius House**
**Delta Crescent**
**Westbrook**
**Warrington**
**Cheshire**
**WA5 7NS**

company registration number **01041311**

to operate an installation and waste operations at

**European Metal Recycling**
**Dundas Spur**
**Dundas Lane**
**Portsmouth**
**Hampshire**
**PO3 5NX**

to the extent authorised by and subject to the conditions of this permit.

| Name | Date |
|---|---|
| **Mike Jenkins** | **13/03/2017** |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

### 1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1, AR1 to AR6, 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.

### 1.3 Efficient use of raw materials

1.3.1 For the following activities referenced in schedule 1, table S1.1, AR1 to AR6, 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.

### 1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 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.

1.4.2 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 Operations

## 2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.1.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR6, waste authorised by this permit shall be clearly distinguished from any other waste on the site.

## 2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

## 2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2 to S1.4, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 to S1.4, or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan , and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 All activities shall take place on impermeable surface with sealed drainage, unless otherwise specified in Table S1.1 or agreed in writing with the Environment Agency.

2.3.4 Any raw materials or fuels listed in schedule 2, table S2.1 shall conform to the specifications set out in that table.

2.3.5 Waste shall only be accepted if:

(a) it is of a type and quantity listed in schedule 2, tables S2.2, S2.3, S2.4 and S2.5; and

(b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.6 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.

2.3.7 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.

## 2.4 Hazardous waste storage and treatment

2.4.1 Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1, table S1.1 and appropriate measures are taken.

## 2.5 Vehicle depollution and dismantling

2.5.1 The storage (including temporary storage) and treatment of waste motor vehicles shall meet the requirements of article 6(1) of the End-of-Life Vehicles Directive.

## 2.6 WEEE storage and treatment

2.6.1 Spillage collection facilities and, where appropriate, decanters and cleanser-degreasers shall be provided and used as necessary.

2.6.2 WEEE (disassembled spare parts, components and residues) shall be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate.

2.6.3 WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRT).

2.6.4 All fluids contained within any WEEE shall be removed prior to further treatment.

2.6.5 As a minimum, the substances, preparations and components specified in table S1.3 shall be removed from any separately collected WEEE.

2.6.6 Separately collected components of WEEE specified in table S1.4 shall be treated in accordance with the methods specified in that table.

2.6.7 Any liquids including those in disassembled spare parts, batteries, capacitors containing PCBs/PCTs and any other hazardous waste shall be stored in suitable sealed and labelled containers.

2.6.8 Equipment shall be provided and used to record the weight of untreated WEEE accepted at, and components and materials leaving the site.

## 2.7 Improvement programme

2.7.1 The operator shall complete the improvements specified in schedule 1 table S1.5 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.7.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

# 3 Emissions and monitoring

## 3.1 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 3, tables S3.1 and S3.2.

3.1.2 The limits given in schedule 3 shall not be exceeded.

## 3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including,

but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

## 3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 Emissions from the metal shredder shall be free from sudden noise or vibration at levels likely to cause pollution outside the site, unless the operator has used appropriate measures, including but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the sudden noise and vibration.

3.4.3 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

(a) point source emissions specified in tables S3.1 and S3.2;

(b) ambient air monitoring specified in table S3.3.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3, tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

3.5.5 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.

## 3.6 Monitoring for radioactive substances

3.6.1 The operator shall carry out monitoring of all waste delivered to the site to determine, so far as reasonably practicable, whether it contains any radioactive substances.

3.6.2 Monitoring equipment shall be installed and operational 3 months from the issue of this permit.

3.6.3 The monitoring carried out to fulfil condition 3.6.1 shall include, as a minimum, use of:

(a) fixed radiation detectors at all weighbridges at the site; and

(b) a hand held detector to investigate alarms generated by the equipment in (a) above.

3.6.4 The equipment referred to in condition 3.6.3 (a) shall:

(a) include solid state scintillation detectors;

(b) be positioned as close as reasonably practicable to the waste being monitored;

(c) have a sensitivity to gamma radiation consistent with the minimum performance as specified in the International Atomic Energy Agency recommendations in Annex IV of ‘Recommendations on Monitoring and Response Procedures for Radioactive Scrap Metal’, UNECE, 2006; and

(d) include visual and audible alarms which activate on detection of radiation above a defined action level.

3.6.5 All radiation monitoring equipment shall be subject to a regular calibration and testing programme to ensure satisfactory performance is maintained.

3.6.6 The operator shall establish and maintain procedures for responding to alarms generated by the equipment referred to in condition 3.6.3.

3.6.7 The operator shall, without delay, inform the Environment Agency of each confirmed detection of radiation in accordance with this condition and the action taken in accordance with condition 4.3.1.

## 3.7 Pests

3.7.1 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.

3.7.2 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, hazard or annoyance from pests;

(b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.8 Fire prevention

3.8.1 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.

3.8.2 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 Information

## 4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR6, 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 4, table S4.2; and

(c) the performance parameters set out in schedule 4, table S4.3 using the forms specified in table S4.4 of that schedule.

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 4, table S4.1;

(b) for the reporting periods specified in schedule 4, table S4.1 and using the forms specified in schedule 4, table S4.4; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 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.

4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

## 4.3 Notifications

4.3.1 For the following activities referenced in schedule 1, table S1.1, AR1 to AR6, 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 For the following activities referenced in schedule 1, table S1.1, AR7 to AR9, the Environment Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit; or

(c) any significant adverse environmental effects.

4.3.4 Any information provided under condition 4.3.3 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.5 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.6 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

In any other case:

(a) the death of any of the named operators (where the operator consists of more than one named individual);

(b) any change in the operator's name(s) or address(es); and

(c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.7 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

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

## 4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 For the following activities referenced in schedule 1, table S1.1, AR1 to AR6, 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.

4.4.3 For the following activities referenced in schedule 1, table S1.1, AR7 to AR9, in this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

# Schedule 1 – Operations

| 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** |
| AR1 | Section 5.4 A(1)(b)(iv) 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. | R3: Recycling/reclamation of organic substances which are not used as solvents<br>R4: Recycling/reclamation of metals and metal compounds<br>R5: Recycling/reclamation of other inorganic materials | From receipt of metal waste to recovery of shredded materials.<br>Treatment consisting only of shredding and granulation of ferrous and non-ferrous metals for recovery.<br>Waste types suitable for acceptance are limited to those non-hazardous waste types specified in table S2.2. |
| **Directly Associated Activity** | | | |
| AR2 | Physical treatment for the purpose of recycling | R3: Recycling/ reclamation of organic substances which are not used as solvents<br>R4: Recycling/reclamation of metals and metal compounds<br>R5:Recycling/reclamation of other inorganic materials | From shredding of ferrous and non-ferrous metals to storage of processed materials.<br>Treatment consisting only of sorting, separation and grading of shredded materials |
| AR3 | Storage of waste, excluding temporary storage of hazardous waste under Section 5.6 A(1)(a) | R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) | From receipt of waste to treatment.<br>Waste types suitable for acceptance are limited to those non-hazardous waste types specified in table S2.2. |
| AR4 | Storage of processed materials, excluding temporary storage of hazardous waste under Section 5.6 A(1)(a) | R13: Storage of waste pending the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced) | From storage of processed materials to dispatch off site for recovery.<br>Storage of recovered fractions and shredder residue following treatment. |
| AR5 | Raw materials storage | Storage of raw materials including lubrication greases, hydraulic oils, engine oils and diesel. | From the receipt of raw materials to use within the facility. |
| AR6 | Site drainage discharge | Discharge of site drainage from storage and treatment areas to foul sewer. | Collected surface water to pass through interceptor before discharge at Emission Point 1, 2 and 3 to Foul Sewer as shown on the site plan in Schedule 7. |

| Table S1.1 activities | | |
|---|---|---|
| **Activity reference** | **Description of activities for waste operations** | **Limits of activities** |
| **Waste Operations** | | |
| AR7: Vehicle storage, depollution and dismantling (authorised treatment) facility | **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)<br><br>**R4**: Recycling/ reclamation of metals and metal compounds<br><br>**R5**: Recycling/ reclamation of other inorganic compounds<br><br>**R3**: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) | Treatment consisting only of depollution of waste motor vehicles and sorting, separation, grading, baling, shearing, compacting, crushing or cutting of waste into different components for recovery of wastes.<br><br>Except for waste motor vehicles, the maximum quantity of hazardous waste (in aggregate) that can be stored at the site shall not exceed 50 tonnes at any one time.<br><br>Wastes shall be stored for no longer than 1 year prior to disposal and 3 years prior to recovery.<br><br>Buildings, covered areas or containers shall meet the following requirements:<br>• buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;<br>• rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;<br>• containers containing waste (excluding uncontaminated metal waste) shall be stored on an impermeable surface with a sealed drainage system.<br><br>Uncontaminated plastic, glass and ferrous and non-ferrous metal wastes (including depolluted waste motor vehicles) arising from the treatment of end-of-life vehicles shall be stored on hard standing or an impermeable surface with a sealed drainage system.<br><br>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.<br><br>Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid that prevents ingress of water.<br><br>Waste types suitable for acceptance are limited to those specified in table S2.3. |
| AR8: Waste electrical and electronic equipment authorised treatment facility | **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)<br><br>**D15**: Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage, pending collection, on the site where the waste is produced)<br><br>**R3**: Recycling/ reclamation of organic | Treatment operations shall be limited to the following:<br>• Treatment consisting only of sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation, repair or refurbishment, or cutting of waste into different components for recovery.<br>• Treatment in shredders of waste on site for recovery (no more than 75 tonnes per day).<br><br>Except for WEEE awaiting manual sorting, manual dismantling, repair or refurbishment only the maximum quantity of hazardous waste (in aggregate) that can be stored at the site shall not exceed 50 tonnes at any one time.<br><br>There shall be no treatment of hazardous waste other than for sorting and separation from other waste streams, repair or refurbishment, or manual dismantling only. |

| Table S1.1 activities | | |
|---|---|---|
| **Activity reference** | **Description of activities for waste operations** | **Limits of activities** |
| | substances which are not used as solvents<br><br>**R4**: Recycling/ reclamation of metals and metal compounds<br><br>**R5**: Recycling/ reclamation of other inorganic compounds | Treatment of WEEE shall be carried out within a building provided with a weatherproof covering where appropriate.<br><br>Buildings, covered areas or containers shall meet the following requirements:<br><br>• buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;<br><br>• rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids;<br><br>• containers containing waste shall be stored on an impermeable surface with a sealed drainage system.<br><br>Waste types suitable for acceptance are limited to those specified in table S2.4. |
| AR9: Metal Recycling | **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)<br><br>**R4:** Recycling/ reclamation of metals and metal compounds | Treatment consisting only of sorting, separation, grading, shearing, baling, compaction, crushing or cutting of non-hazardous waste into different components for recovery.<br><br>The maximum quantity of hazardous waste (in aggregate) that can be accepted or stored at the site shall not exceed 50 tonnes at any one time.<br><br>There shall be no treatment of lead acid batteries, other than sorting and separating from other wastes, and repackaging for third party processing.<br><br>Wastes shall be stored for no longer than 3 years prior to recovery.<br><br>Buildings, covered areas or containers shall meet the following requirements:<br><br>• buildings, covered areas, or containers shall be designed, constructed and maintained to prevent ingress of rain and surface water;<br><br>• rain and uncontaminated surface water shall be kept separate from contaminated water and other liquids; and<br><br>• containers containing waste (excluding uncontaminated metal waste) shall be stored on an impermeable surface with sealed drainage system.<br><br>Uncontaminated ferrous metal wastes or alloys and uncontaminated non-ferrous metal wastes shall be stored on hard standing or an impermeable surface.<br><br>Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a cover that prevents ingress of water.<br><br>Waste types suitable for acceptance are limited to those specified in table S2.5. |

| Table S1.2 Operating techniques | | |
|---|---|---|
| **Description** | **Parts** | **Date Received** |
| Application EPR/EP3292HT/V006 | Part C3, section 2, 3 and 4 of the application document and the information contained in the non-technical summary.<br>Technical standards detailed in C3 and the non-technical summary within the application.<br>Part C2, Q3d Environmental Management System Summary.<br>Part C2, Q6 Environmental Risk Assessment. | 19/09/14 |

**Table S1.3 Substances, preparations and components to be removed from separately collected WEEE**

- Capacitors containing polychlorinated biphenyls in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- Toner cartridges, liquid and paste, as well as colour toner
- Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables
- Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and the Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation
- Electrolyte capacitors containing “substances of concern” (height > 25mm, diameter > 25mm or proportionately similar volume)

| Table S1.4 Specified treatment methods for separately collected components of WEEE | |
|---|---|
| **Component** | **Specified Treatment** |
| Cathode ray tubes | The fluorescent coating shall be removed. |
| Gas discharge lamps | The mercury shall be removed. |
| Equipment containing gases that are ozone depleting or have a global warming potential (GWP) above 15 such as those contained in foams and refrigeration circuits | The gases must be properly extracted and properly treated. Ozone depleting gases must be treated in accordance with Regulation (EC) No 1005/2009. |

| Table S1.5 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| IC1 | The operator shall submit a written procedure to the Environment Agency for approval for the use of Best Available Techniques to trace and inspect baled wastes delivered to the site. This shall include, but not be limited to, detailed monitoring and management of the following:<br>(a) bale suppliers and processing;<br>(b) flame events and audible events associated with processing of baled waste; and<br>(c) concealed items, non-metallic materials, undepolluted End of Life Vehicles, cylinders/sealed containers or heavy non-shreddable items.<br>The procedure shall include risk-based inspection of individual bales which includes pre-shredding, opening or breaking of bales as appropriate.<br>The operator shall implement the procedure in accordance with the Environment Agency's written approval. | 12 months from permit issue |
| IC2 | The operator shall submit a written management system to the Environment Agency.<br>The management system must ensure that all Installation Activities (referenced AR1-AR6 in table S1.1) are undertaken in accordance with Best Available Techniques.<br>The Management system shall include the following:<br>(a) a clearly documented and auditable waste acceptance procedure that details:<br>(i) assessment of potential in-feed, including pre-acceptance checks to ensure that the wastes received are suitable for shredding,<br>(ii) procedures for the identification, confiscation and repatriation of gas cylinders and other prohibited items,<br>(iii) a dedicated waste reception area with suitably trained staff controlling inspection, reception and validation of wastes<br>(iv) a dedicated quarantine area for wastes that are prohibited, awaiting full inspection, testing or removal;<br>(b) clearly documented and auditable material handling procedures that ensure emissions including dust and noise from material handling are prevented, or where that is not practicable, minimised; and | 12 months from permit issue |

| Table S1.5 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| | (c) clearly documented and auditable procedures for the management of shredder residues to ensure that:<br>i) all residues are stored on impermeable surface with sealed drainage in a way that prevents, or where that is not practicable, minimises emissions and prevents wind-blown dispersion<br>ii) all residues are characterised and assessed for appropriate further processing, recovery or disposal.<br>The operator shall implement the management system in accordance with the Environment Agency's written approval. | |
| IC3 | The operator shall submit proposals to the Agency that demonstrate they are preventing, or where that is not practicable, minimising emissions of dust and particulates by the movement and handling of materials by conveyor belt. This should include the following as appropriate:<br>(a) covering of conveyors, transfer points and drop points downstream of the shredder; and<br>(b) spraying and misting in dry or windy conditions. | 12 months from permit issue |
| IC4 | The operator shall submit a written monitoring plan to the Environment Agency for approval that includes proposals to undertake representative monitoring of the surface water discharged from Emission Point 1, 2 and 3 to Foul Sewer including the parameters to be monitored, frequencies of monitoring and methods to be used.<br>The operator shall carry out the monitoring in accordance with the Environment Agency's written approval | 12 months from permit issue |
| IC5 | The operator shall submit a written report to the Environment Agency for approval that includes the following:<br>(a) the results of an assessment of the impact of the emissions of surface water from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as agreed with the Environment Agency) based on the parameters monitored in IC4 above; and<br>(b) proposals for appropriate measures to mitigate the impact of any emissions where the assessment determines they have the potential to be significant, including dates for implementation of individual measures.<br>The operator shall implement the measures in (a) and (b) as approved from the dates stipulated by the Environment Agency. | 12 months from permit issue |
| IC6 | The operator shall submit a written plan to the Environment Agency for approval that includes the following:<br>(a) proposals to undertake representative monitoring of the air discharged from Emission Point to Air including the parameters to be monitored, frequencies of monitoring and methods to be used;<br>(b) confirmation that a written report will be submitted to the Environment Agency for approval that includes the following:<br>i) the results of an assessment of the impact of the emission to air from the site using the Environment Agency's 'H1 Environmental Risk Assessment' tool (or equivalent as | 12 months from permit issue |

| Table S1.5 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| | agreed with the Environment Agency) based on the parameters monitored in (a) above; and<br>ii) proposals for appropriate measures to mitigate the impact of the emission where the assessment determines they are significant, including emissions limits and monitoring and dates for implementation of individual measures; and<br>iii) details of appropriate measures for the operation and maintenance of the abatement system to ensure that where emission limits are proposed they are met or, where emission limits are not required, emissions remain insignificant.<br>The operator shall carry out the monitoring in accordance with the Environment Agency's written approval. | |
| IC7 | The Operator shall submit a written proposal to the Environment Agency to carry out tests to determine the size distribution of the particulate matter in the exhaust gas emissions to air from Emission Point to Air, identifying the fractions within the $PM_{10}$, and $PM_{2.5}$ ranges. The proposal shall include a timetable for approval by the Environment Agency to carry out such tests and produce a report on the results.<br>On receipt of written agreement by the Environment Agency to the proposal and the timetable, the Operator shall carry out the tests and submit to the Environment Agency a report on the results. | 12 months from permit issue |

# Schedule 2 – Waste types, raw materials and fuels

| Table S2.1 Raw materials and fuels | |
|---|---|
| **Raw materials and fuel description** | **Specification** |
| Engine oil | - |
| Diesel | - |
| Hydraulic oil | - |
| Lubrication greases | - |

| Table S2.2 Permitted waste types and quantities for activity AR1 (non-hazardous shredding) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for activity AR1 shall be less than 130,000 tonnes per year.** |
| **Waste code** | **Description** |
| **02** | **Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 10 | waste metal |
| **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 04 | metallic packaging |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 06 | end-of-life vehicles, containing neither liquids nor other hazardous components |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| **16 02** | **Wastes from electrical and electronic equipment** |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |
| **17** | **Construction and demolition wastes (including excavated soil from contaminated sites)** |
| **17 04** | **metals (including their alloys)** |
| 17 04 02 | aluminium |
| 17 04 05 | iron and steel |
| 17 04 07 | mixed metals |
| **19** | **Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use** |
| **19 01** | **wastes from incineration or pyrolysis of waste** |
| 19 01 02 | ferrous materials removed from bottom ash |

| Table S2.2 Permitted waste types and quantities for activity AR1 (non-hazardous shredding) | |
|---|---|
| **Maximum quantity** | **The total quantity of waste accepted at the site for activity AR1 shall be less than 130,000 tonnes per year.** |
| **Waste code** | **Description** |
| **19 10** | **wastes from shredding of metal-containing wastes** |
| 19 10 01 | iron and steel waste |
| 19 10 02 | non-ferrous waste |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified** |
| 19 12 02 | ferrous metal |
| 19 12 03 | non-ferrous metal |
| **20** | **Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 40 | metals |

| Table S2.3 Permitted waste types and quantities for activity AR7 (ELV) | |
|---|---|
| **Maximum quantity** | **The maximum total quantity of waste accepted at the site for all activities shall be less than 150,000 tonnes per year.** |
| **Waste code** | **Description** |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 04* | end-of-life vehicles |
| 16 01 06 | end-of-life vehicles, containing neither liquids nor other hazardous components |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| 16 01 21* | hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 |
| 16 01 22 | components not otherwise specified |
| **16 06** | **Batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 05 | other batteries and accumulators |

| Table S2.4 Permitted waste types and quantities for activity AR8 (WEEE storage and treatment) | |
|---|---|
| **Maximum quantity** | **The maximum total quantity of waste accepted at the site for all activities shall be less than 150,000 tonnes per year.** |
| **Waste code** | **Description** |
| **16** | **Wastes not otherwise specified in the list** |
| **16 02** | **Wastes from electrical and electronic equipment** |
| 16 02 13* | discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12 |
| 16 02 14 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 |
| 16 02 15* | hazardous components removed from discarded equipment |
| 16 02 16 | components removed from discarded equipment other than those mentioned in 16 02 15 |
| **16 06** | **Batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 05 | other batteries and accumulators |
| **20** | **Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |

| Table S2.5 Permitted waste types and quantities for activity AR9 (metal recycling) | |
|---|---|
| **Maximum quantity** | **The maximum total quantity of waste accepted at the site for all activities shall be less than 150,000 tonnes per year.** |
| **Waste code** | **Description** |
| **02** | **Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing** |
| **02 01** | **wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing** |
| 02 01 10 | waste metal |
| **10** | **Wastes from thermal processes** |
| **10 02** | **wastes from the iron and steel industry** |
| 10 02 10 | mill scales |
| **10 03** | **wastes from aluminium thermal metallurgy** |
| 10 03 02 | anode scraps |
| **10 08** | **wastes from other non-ferrous thermal metallurgy** |
| 10 08 14 | anode scrap |
| **11** | **Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy** |
| **11 05** | **wastes from hot galvanising processes** |
| 11 05 01 | hard zinc |
| 11 05 02 | zinc ash |

| Table S2.5 Permitted waste types and quantities for activity AR9 (metal recycling) | |
|---|---|
| **Maximum quantity** | **The maximum total quantity of waste accepted at the site for all activities shall be less than 150,000 tonnes per year.** |
| **Waste code** | **Description** |
| **12** | **Wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| **12 01** | **wastes from shaping and physical and mechanical surface treatment of metals and plastics** |
| 12 01 01 | ferrous metal filings and turnings |
| 12 01 02 | ferrous metal dust and particles |
| 12 01 03 | non-ferrous metal filings and turnings |
| 12 01 04 | non-ferrous metal dust and particles |
| 12 01 13 | welding wastes |
| **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 04 | metallic packaging |
| 15 01 05 | composite packaging |
| **16** | **Wastes not otherwise specified in the list** |
| **16 01** | **end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)** |
| 16 01 06 | end-of-life vehicles, containing neither liquids nor other hazardous components |
| 16 01 17 | ferrous metal |
| 16 01 18 | non-ferrous metal |
| **16 06** | **Batteries and accumulators** |
| 16 06 01* | lead batteries |
| 16 06 02* | Ni-Cd batteries |
| 16 06 04 | alkaline batteries (except 16 06 03) |
| 16 06 05 | other batteries and accumulators |
| **16 08** | **spent catalysts** |
| 16 08 01 | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
| **17** | **Construction and demolition wastes (including excavated soil from contaminated sites)** |
| **17 04** | **metals (including their alloys)** |
| 17 04 01 | copper, bronze, brass |
| 17 04 02 | aluminium |
| 17 04 03 | lead |
| 17 04 04 | zinc |
| 17 04 05 | iron and steel |
| 17 04 06 | tin |
| 17 04 07 | mixed metals |

| Table S2.5 Permitted waste types and quantities for activity AR9 (metal recycling) | |
|---|---|
| **Maximum quantity** | **The maximum total quantity of waste accepted at the site for all activities shall be less than 150,000 tonnes per year.** |
| **Waste code** | **Description** |
| 17 04 11 | cables other than those mentioned in 17 04 10 |
| **19** | **Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use** |
| **19 01** | **wastes from incineration or pyrolysis of waste** |
| 19 01 02 | ferrous materials removed from bottom ash |
| **19 10** | **wastes from shredding of metal-containing wastes** |
| 19 10 01 | iron and steel waste |
| 19 10 02 | non-ferrous waste |
| 19 10 04 | fluff light fraction and dust other than those mentioned in 19 10 03 |
| 19 10 06 | other fractions other than those mentioned in 19 10 |
| **19 12** | **wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified** |
| 19 12 02 | ferrous metal |
| 19 12 03 | non-ferrous metal |
| **20** | **Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions** |
| **20 01** | **separately collected fractions (except 15 01)** |
| 20 01 40 | metals |

# Schedule 3 – Emissions and monitoring

| Table S3.1 Point source emissions to air – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter** | **Limit (including unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard or method** |
| Emission Point to Air as shown on site plan in Schedule 7 to this permit | Cyclone extraction systems from metal shredder | Total suspended particulates | 20 mg/m$^3$ or other level agreed in writing with the Environment Agency | Hourly average | Quarterly or other frequency agreed in writing with the Environment Agency | In accordance with BS EN 13284-1or as agreed in writing with the Environment Agency. |

| Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Emission point ref. & location** | **Source** | **Parameter** | **Limit (incl. Unit)** | **Reference period** | **Monitoring frequency** | **Monitoring standard or method** |
| Emission Point 1 to Foul Sewer as shown on site plan in Schedule 7 to this permit | Roof and surface water collected in drainage gullies and drainage pipes passing through an interceptor | -- | No limit set | -- | -- | -- |
| Emission Point 2 to Foul Sewer as shown on site plan in Schedule 7 to this permit | | | | | | |
| Emission Point 3 to Foul Sewer as shown on site plan in Schedule 7 to this permit | | | | | | |

| Table S3.3 Ambient air monitoring requirements | | | | |
|---|---|---|---|---|
| **Location or description of point of measurement** | **Parameter** | **Monitoring frequency** | **Monitoring standard or method** | **Other specifications** |
| At a location or locations agreed in writing with the Environment Agency that will obtain reliable and representative data on particulate emissions from the waste management operations | Total suspended particulates (TSP) unless otherwise agreed in writing with the Environment Agency | Quarterly unless otherwise agreed in writing with the Environment Agency | The equipment shall be operated to a procedure agreed in writing with the Environment Agency.<br>The emissions management plan must include action levels and regular review cycles with an overriding aim to reduce particulate emissions from the facility. | Monitoring equipment shall meet the MCERTS Performance Standards for Indicative Ambient Particulate Monitors or similar standard agreed in writing with the Environment Agency.<br>The equipment shall be calibrated in accordance with the manufacturer's recommendations or 6-monthly, whichever is more often.<br>The system must be managed and maintained by suitably trained personnel.<br>The system must obtain representative data that must accurately reflect TSP levels produced by the site's activities. |

# Schedule 4 – Reporting

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

| **Table S4.1 Reporting of monitoring data** | | | |
|---|---|---|---|
| **Parameter** | **Emission or monitoring point/reference** | **Reporting period** | **Period begins** |
| Air monitoring<br>Parameters as required by condition 3.5.1 | Emission Point to Air | Quarterly | 1 January, 1 April, 1 July, 1 October |
| Ambient monitoring<br>Parameters as required by condition 3.5.1 | As agreed in writing by the Environment Agency | Quarterly | 1 January, 1 April, 1 July, 1 October |

| **Table S4.2 Annual production/treatment** | |
|---|---|
| **Parameter** | **Units** |
| Metal processed | tonnes |
| WEEE processed | tonnes |
| Ferrous metal recovered | tonnes |
| Non-ferrous metal recovered | tonnes |
| Other fractions recovered | tonnes |
| Non-metallic shredder residue | tonnes |

| **Table S4.3 Performance parameters** | | |
|---|---|---|
| **Parameter** | **Frequency of assessment** | **Units** |
| Water usage | Annually | $m^3$ |
| Energy usage | Annually | MWh |
| Total raw material used | Annually | tonne |

| **Table S4.4 Reporting forms** | | |
|---|---|---|
| **Media/parameter** | **Reporting format** | **Date of form** |
| Air | Form Air1 or other form as agreed in writing by the Environment Agency | 13/03/17 |
| Ambient monitoring | Form AmbientMonitoring1 or other form as agreed in writing by the Environment Agency | 13/03/17 |
| Water usage | Form WaterUsage1 or other form as agreed in writing by the Environment Agency | 13/03/17 |
| Energy usage | Form Energy1 or other form as agreed in writing by the Environment Agency | 13/03/17 |
| Other performance indicators | Form Performance1 or other form as agreed in writing by the Environment Agency | 13/03/17 |
| Waste returns | E-waste returns | -- |

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

| | |
|---|---|
| Permit Number | |
| Name of operator | |
| Location of Facility | |
| Time and date of the detection | |

| **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution** | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |

| **(b) Notification requirements for the breach of a limit** | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |

| (b) Notification requirements for the breach of a limit | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Measures taken, or intended to be taken, to stop the emission | |

| Time periods for notification following detection of a breach of a limit | |
|---|---|
| **Parameter** | **Notification period** |
| | |
| | |
| | |

| (c) Notification requirements for the detection of any significant adverse environmental effect | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Description of where the effect on the environment was detected | |
| Substances(s) detected | |
| Concentrations of substances detected | |
| Date of monitoring/sampling | |

# Part B – to be submitted as soon as practicable

| | |
|---|---|
| Any more accurate information on the matters for notification under Part A. | |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident | |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission | |
| The dates of any unauthorised emissions from the facility in the preceding 24 months. | |

| | |
|---|---|
| Name* | |
| Post | |
| Signature | |
| Date | |

* authorised to sign on behalf of the operator

# Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“baling” means baling that utilises a hydraulic machine that using compressive forces compacts various materials into regular-shaped dense bales (typically a cube). Bales may be belted with straps or steel wire to keep the bale in its compacted state; although for most metal bales this is not necessary. Baled scrap metal may be easier to handle, store and transport than loose scrap.

“best available treatment, recovery and recycling techniques” shall have the meaning given to it in the document published jointly by the Department for Environment, Food and Rural Affairs, the Welsh Assembly Government and the Scottish Executive on 27th November 2006, entitled ‘Guidance on Best Available Treatment, Recovery and Recycling Techniques (BATRRT) and Treatment of Waste Electrical and Electronic Equipment (WEEE)’; and any revision to or replacement of it.

“compacting” means compacting involving the flattening or crushing of compactable metal wastes to aid storage and economic transportation to the scrap processor; it is often a preparation for shredding. Compacting may be achieved using a waste handler’s loading shovel (known as “tapping”) or specially-designed hydraulic flattener.

“cutting” means cutting typically utilising either an oxy-acetylene gas cutting torch or abrasive disc cutter to cut and/or resize large pieces of scrap metal into more manageable sizes; powder torches and plasma torches may be used to cut heat-resistant scrap (e.g. pig iron, copper, bronze).

“depolluted” means the vehicle parts and components have been previously treated to meet the requirements of Directive 2000/53/EC of the European Parliament and Council of 18 September 2000 on end-of-life vehicles.

“disposal” means any of the operations provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“emissions to land” includes emissions to groundwater.

“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.

“grading” means the sorting of metals to industry-agreed specifications ready for use, without the need for further treatment, by the end consumer to manufacture new metals.

“granulating” means granulated to a very small size with metal/non-metal separation by air classification and flotation.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“hazardous property” has the meaning in Annex lll of the Waste Framework Directive.

“hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“impermeable surface” means a surface or pavement constructed and maintained to a standard sufficient to prevent the transmission of liquids beyond the pavement surface.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions.

“list of wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pests” means birds, vermin and insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“recovery” means any of the operations provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“sealed drainage system” in relation to an impermeable surface, means a drainage system with impermeable components which does not leak and which will ensure that:

- no liquids will run off the surface otherwise than via the system; and
- all liquids entering the system are collected in a sealed sump, except where liquids may be lawfully discharged to foul sewer.

“separation” means separating wastes into different material types, components and grades.

“shearing” means utilises a range of hydraulic machinery that comprise hard steel blades which cut metals into manageable sizes. It may be hand-held, static or attached to mobile plant (e.g. cranes).

“sorting” means sorting that may be undertaken by hand or machinery. Sorting enables materials to be processed and recycled appropriately. It may involve separation of different waste types or the separation of different metal types including different ferrous metals, non-ferrous metals and non-metallic materials (e.g. paper and plastic). The sorted metals are graded by visual inspection, supplemented by chemical and other laboratory tests. The physical sorting may be assisted by conveyors and electromagnets.

“waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

“waste motor vehicle” means a wheeled vehicle for use on land and that does not operate on rails that is waste within the meaning of Article 3(1) of the Waste Framework Directive.

“WEEE” means waste electrical and electronic equipment.

“WEEE Directive” means Directive 2012/19/EU of the European Parliament and of the Council of 4th July 2012 on waste electrical and electronic equipment (WEEE).

“year” means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Where the following terms appear in the waste code lists in schedule 2 they have the meaning given below.

“hazardous substance” means a substance classified as hazardous as a consequence of fulfilling the criteria laid down in parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008.

“heavy metal” means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“polychlorinated biphenyls and polychlorinated terphenyls” (“PCBs”) means PCBs as defined in Article 2(a) of Council Directive 96/59/EC’.

Article 2(a) says that ‘PCBs’ means:

- polychlorinated biphenyls;
- polychlorinated terphenyls;
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane; and
- any mixture containing any of the above mentioned substances in a total of more than 0,005 %by weight.

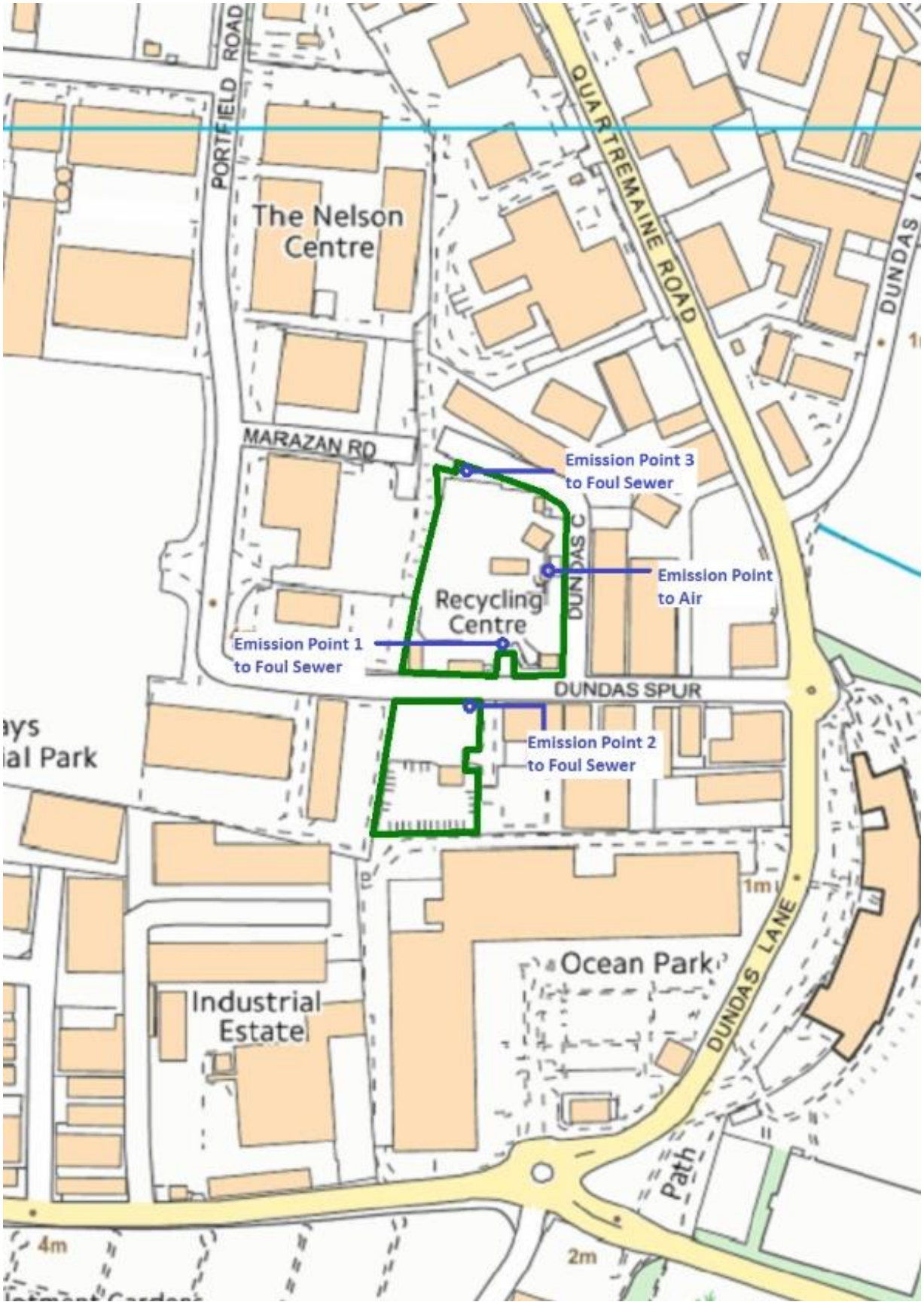
“transition metals” means any of the following metals: any compound of scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum, as well as these materials in metallic form, as far as these are classified as hazardous substances.

“stabilisation” means processes which change the hazardousness of the constituents in the waste and transform hazardous waste into non-hazardous waste.

“solidification” means processes which only change the physical state of the waste by using additives without changing the chemical properties of the waste.

“partly stabilised wastes” means wastes containing, after the stabilisation process, hazardous constituents which have not been changed completely into non-hazardous constituents and could be released into the environment in the short, middle or long term.

# Schedule 7 – Site plan






END OF PERMIT

**Permit Number: EPR/EP3292HT Operator: C. D. Jordan & Son Limited**

**Facility: EMR Dundas Spur Form Number: Air1 / 13/03/17**

## Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY

| Emission Point | Substance / Parameter | Emission Limit Value | Reference Period | Result [1] | Test Method [2] | Sample Date and Times [3] | Uncertainty [4] |
|---|---|---|---|---|---|---|---|
| Emission Point to Air | Total suspended particulates | 20 $mg/m^3$ | Hourly average | | As agreed with the Environment Agency | | |

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ……. Date……..

(Authorised to sign as representative of Operator)

**Permit Number:** **EPR/EP3292HT** **Operator:** **C. D. Jordan & Son Limited**

**Facility:** **EMR Dundas Spur** **Form Number:** **AmbientMonitoring1 / 13/03/17**

## Reporting of ambient monitoring for the period from DD/MM/YYYY to DD/MM/YYYY

| Emission Point | Parameter | Reference Period | Result [1] | Test Method [2] | Sample Date and Times [3] | Uncertainty [4] |
|---|---|---|---|---|---|---|
| At a location to be agreed in writing with the Environment Agency | Total suspended particulates | 5 minute average | | | | |

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Environment Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ……. Date……..

(Authorised to sign as representative of Operator)

**Permit Number:** **EPR/EP3292HT** **Operator:** **C. D. Jordan & Son Limited**

**Facility:** **EMR Dundas Spur** **Form Number:** **WaterUsage1 / 13/03/17**

## Reporting of Water Usage for the year

| **Water Source** | **Usage ($m^3$/year)** | **Specific Usage ($m^3$/unit output)** |
|---|---|---|
| Mains water | | |
| **TOTAL WATER USAGE** | | |

| Operator's comments: |
|---|
| |

Signed ……. Date……..

(authorised to sign as representative of Operator)

**Permit Number:** **EPR/EP3292HT** **Operator:** **C. D. Jordan & Son Limited**

**Facility:** **EMR Dundas Spur** **Form Number:** **Energy1 / 13/03/17**

## Reporting of Energy Usage for the year

| Energy Source | Energy Usage | | Specific Usage (MWh/unit output) |
|---|---|---|---|
| | **Quantity** | **Primary Energy (MWh)** | |
| Electricity * | MWh | | |
| Natural Gas | MWh | | |
| Gas Oil | tonnes | | |
| Recovered Fuel Oil | tonnes | | |
| Biogas | 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:** **EPR/EP3292HT** **Operator:** **C. D. Jordan & Son Limited**

**Facility:** **EMR Dundas Spur** **Form Number:** **Performance1 / 13/03/17**

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

| **Parameter** | **Units** |
|---|---|
| Total raw material used | tonnes |
| | |
| | |

| Operator's comments: |
|---|
| |

Signed ……. Date……..

(Authorised to sign as representative of Operator)