

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Harding Cargo Handling Limited

Albert Dock
Southside
Albert Dock
Hull
East Yorkshire
HU1 2DS

Variation application number

EPR/AB3808CF/V003

Permit number

EPR/AB3808CF

Albert Dock

Permit number EPR/AB3808CF

Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2016 (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. Only the variations specified in schedule 1 are subject to a right of appeal. All the conditions of the permit have been varied and are subject to the right of appeal.

This permit is for the operation of a non-hazardous waste transfer station at Albert Dock in Hull for the storage of Refuse Derived Fuel (RDF), other non-hazardous wastes and inert wastes on the dock prior to shipping overseas. It also involves the short-term storage of hazardous wastes (in the form of road planings and railway sleepers only). There will be no treatment of waste at this site. The permit allows a point source emission to the sewer of surface water run-off and firewater.

The permitted area is situated within the secure area of the port and is monitored by CCTV and the port gatehouse.

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 the permit | | |
|--|-----------------------|--|
| Description | Date | Comments |
| Application EPR/AB3808CF/A001 | Duly made 03/01/14 | Application for non-hazardous waste transfer station. |
| Additional information received | 12/02/14 | Mitigation measures relating to the drainage system. |
| Additional information received | 21/02/14 | Agreement to reduce maximum storage quantity and limit storage time. |
| Additional information received | 27/02/14 | Commitment to store waste away from drains. |
| Additional information received | 05/03/14 | Confirmation of intention to comply with TGN 7.01. |
| Additional information received | 06/03/14 | Revised site plan. |
| Permit determined | 25/03/14 | Permit issued to Harding Cargo Limited. |
| Application EPR/AB3808CF/V002 | 27/04/15 | Application to add 15 EWC waste codes |
| Application determined EPR/ AB3808CF/V002 | 26/05/16 | Variation Notice issued |
| Application EPR/AB3808CF/V003 (variation and consolidation) | Duly made 28/10/16 | Application to vary and update the permit to modern conditions. |

| Status log of the permit | | |
|--|-------------|--|
| Description | Date | Comments |
| Additional information received | 31/01/17 | Response to Schedule 5 including for: <ul style="list-style-type: none"> • pre-acceptance and acceptance procedures • odour management procedures • dust management procedures and • the environment management system |
| Additional information received | 10/03/17 | Response to Schedule 5 including the Fire Prevention Plan |
| Additional information received | 04/04/17 | Odour, pest and dust management plan |
| Additional information received | 03/05/17 | Odour, pest and dust management plan, Fire Prevention Plan |
| Additional information received | 23/05/17 | Email signing up to Technical Standards |
| Variation determined EPR/AB3808CF (Billing Ref:- HP3338DV and EAWML 400896) | 08/06/17 | 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 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

Permit number

EPR/AB3808CF

Issued to

Harding Cargo Handling Limited (“the operator”)

whose registered office is

Southside

Albert Dock

Hull

East Yorkshire

HU1 2DS

company registration number **02575665**

to operate a regulated facility at

Albert Dock

Southside

Albert Dock

Hull

East Yorkshire

HU1 2DS

to the extent set out in the schedules.

The notice shall take effect from 08/06/2017

| Name | Date |
|----------------|------------|
| Claire Roberts | 08/06/2017 |

Authorised on behalf of the Environment Agency

Schedule 1

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

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/AB3808CF

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AB3808CF/V003 authorising,

Harding Cargo Handling Limited (“the operator”),

whose registered office is

Southside

Albert Dock

Hull

East Yorkshire

HU1 2DS

company registration number **02575665**

to operate an installation and waste operations at

Albert Dock

Southside

Albert Dock

Hull

East Yorkshire

HU1 2DS

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

| Name | Date |
|----------------|------------|
| Claire Roberts | 08/06/2017 |

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 A1, A2 and A3, 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 A1, A2 and A3, 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 A1, A2 and A3, 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, 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 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 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 tables S2.2 and S2.3; and
 - (b) it conforms to the description in the documentation supplied by the producer and holder.
- 2.3.5 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.

Hazardous waste storage and treatment

- 2.3.6 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.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 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.

2.5 Pre-operational conditions

- 2.5.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

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 table S3.1.
- 3.1.2 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.

3.2 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 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) ambient air monitoring specified in table S3.2.
- 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.

3.6 Pests

- 3.6.1 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.
- 3.6.2 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.

3.7 Fire prevention

- 3.7.1 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.
- 3.7.2 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 A1, A2 and A3, 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; and
- (b) the performance parameters set out in schedule 4 table S4.2 using the forms specified in table S4.3 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 S4.3 ; 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 A1, A2 and A3, 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 For the following activities referenced in schedule 1, table S1.1 A1, A2 and A3, 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 A4, 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 For the following activities referenced in schedule 1, table S1.1 A4, 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.
- 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 A1, A2 and A3, 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 activity referenced in schedule 1, table S1.1 A4, 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 |
| A1 | S5.6 A1 (a) - Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes. | 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) | From receipt to storage and dispatch There shall be no treatment (including mixing) of waste on the site. There shall be no storage of waste on the south side of the permitted area as shown in schedule 7 of this permit. Waste shall be stored on an impermeable surface with sealed drainage system. Waste types as specified in Table S2.3. |
| Directly Associated Activity | | | |
| A2 | Raw Materials and Fuel storage | N/A | Includes fuel receipt and storage, and refilling of vehicles. |
| A3 | Discharge of Surface water to sewer | N/A | -- |
| Activity reference | Description of activities for waste operations | Limits of activities | |
| A4 | 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) | No storage of waste on the south side of the permitted area. Wastes shall not be stored at the site for longer than one month. The total amount of non-hazardous waste shall not exceed 15,000 tonnes at any one time. Any Refuse Derived Fuel stored at the site shall have previously been stored for no more than 4 weeks after prior processing. Wastes shall be stored on an impermeable surface and in line with the mitigation measures specified in Table S1.2. There shall be no treatment of waste on the site. Waste types as specified in Table S2.2. | |

| Table S1.2 Operating techniques | | |
|--|--|----------------------|
| Description | Parts | Date Received |
| Application | Part B4, Table 3a of the application form – technical standards. | 26/11/13 |
| Application | All parts of the supporting documents submitted with the application. | 26/11/13 |
| Mitigation measures relating to the drainage system - received by email. | All parts. | 12/02/14 |
| Agreement to reduce maximum storage quantity and limit storage time – received by email. | All parts. | 21/02/14 |
| Commitment to store waste away from drains – received by email. | All parts. | 27/02/14 |
| Confirmation of intention to comply with TGN 7.01 – Reducing fire risk at sites storing combustible materials – received by email. | All parts. | 05/03/14 |
| Application | Supporting documents submitted with the application except the following <ul style="list-style-type: none"> • Fire prevention plan • Odour, Dust and Pest Management plan. | 28/10/16 |
| Response to Schedule 5 | Pre-acceptance and Acceptance procedure | 30/01/17 |
| Response to Schedule 5 | Fire prevention plan (Version 5) | 03/05/17 |
| Additional information | Odour, Dust and Pest Management plan | 04/04/17 |
| Additional information | Email signing up to Technical Standards | 23/05/17 |

| Table S1.3 Improvement programme requirements | | |
|--|---|-------------|
| Reference | Requirement | Date |
| IC 01 | <p>The operator shall submit a revised Site Housekeeping Plan to the Environment Agency for written approval. The plan shall take into account the appropriate measures for management of the facility specified in the Environment Agency Web Guidance, 'Control and monitor emissions for your environmental permit' and SGN 5.06 – Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste, or such other subsequent guidance as may be agreed in writing with the Environment Agency.</p> <p>Once approved, the plan shall be implemented from the date stipulated by the Environment Agency and incorporated into the EMS, specifically into</p> | 08/07/17 |

| Table S1.3 Improvement programme requirements | | |
|--|--|---|
| Reference | Requirement | Date |
| | the Fire Prevention Plan, Dust Management Plan and Odour Management Plan. The documents and procedures set out in the EMS shall form the written management system referenced in condition 1.1.1 (a) of the permit. | |
| IC 02 | <p>The operator shall submit a revised Odour Management Plan to the Environment Agency for written approval. The plan shall take into account the appropriate measures for the management of odour at the facility during accident and emergency situations. The plan shall have regard to the appropriate measures specified in the Environment Agency Web Guidance, 'Control and monitor emissions for your environmental permit' and SGN 5.06 – Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste, or such other subsequent guidance as may be agreed in writing with the Environment Agency.</p> <p>Once approved, the plan shall be implemented from the date stipulated by the Environment Agency and incorporated into the EMS. The documents and procedures set out in the EMS shall form the written management system referenced in condition 1.1.1 (a) of the permit.</p> | 08/07/17 |
| IC 03 | <p>The operator shall submit a revised Flood Risk Assessment to the Environment Agency for written approval. The risk assessment shall take into account the guidance specified in the Environment Agency Web Guidance, 'Flood risk activity risk assessment for your environmental permits' and SGN 5.06 – Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste, or such other subsequent guidance as may be agreed in writing with the Environment Agency.</p> | 08/09/17 |
| IC 04 | <p>The operator shall submit a report to the Environment Agency detailing the reviewed procedures to detect a fire in its early stages in order to reduce its impact.</p> <p>The report shall provide details of a detection system that is proportionate to the nature and scale of waste management activities carried out and the associated risks. The report shall also contain a commissioning plan and a maintenance plan for the proposed detection system.</p> <p>The revised detection system shall take account the requirements of the Fire Prevention Plan guidance.</p> <p>The design, installation and maintenance must be covered by an appropriate UKAS–accredited third party certification scheme.</p> <p>Once approved the operator shall install the detection system and commission it.</p> | 08/09/17 |
| IC 05 | <p>Upon completion of IC 04, the operator shall submit a revised written Fire Prevention Plan incorporating the details of the approved detection system to the Environment Agency for approval.</p> <p>Once approved, the plan shall be implemented from the date stipulated by the Environment Agency. The documents and procedures set out in the revised plan shall form the fire prevention plan referenced in condition 3.7.1 of the permit.</p> | Within 1 month of IC 04 being completed |

| Table S1.4 Pre-operational measures for future development | | |
|---|------------------------------|--|
| Reference | Operation | Pre-operational measures |
| POM 01 | Ashes and slags importation. | <p>Prior to any ashes and slags being accepted on to the site, the operator shall submit a revised Dust Management and Monitoring Plan to the Environment Agency for written approval. The plan shall take into account the appropriate measures for the management of the facility specified in the Environment Agency Web Guidance, 'Control and monitor emissions for your environmental permit' and SGN 5.06 – Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste, or such other subsequent guidance as may be agreed in writing with the Environment Agency.</p> <p>Once approved, the plan shall be implemented from the date stipulated by the Environment Agency and incorporated into the EMS. The documents and procedures set out in the EMS shall form the written management system referenced in condition 1.1.1 (a) of the permit.</p> |

Schedule 2 – Waste types, raw materials and fuels

| Table S2.1 Raw materials and fuels | |
|------------------------------------|------------------------------|
| Raw materials and fuel description | Specification |
| Diesel - Low sulphur diesel | Maximum 0.1% sulphur content |

| Table S2.2 Non-hazardous waste types and quantities for a waste transfer station | |
|--|--|
| Maximum Quantities | |
| The total quantity of waste accepted at the site shall be no more than 500,000 tonnes a year. | |
| The total amount of non-hazardous waste stored on site shall not exceed 15,000 tonnes at any one time. | |
| No more than 6,000 tonnes of bituminous and coal tar products shall be stored onsite at any one time. | |
| No more than 1,000 tonnes of rail sleepers shall be stored onsite at any one time | |
| Exclusions | |
| Wastes having any of the following characteristics shall not be accepted: | |
| <ul style="list-style-type: none"> Hazardous wastes | |
| Waste code | Description |
| 10 | Wastes from thermal processes |
| 10 01 | wastes from power stations and other combustion plants (except 19) |
| 10 01 01 | bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04) |
| 10 01 02 | coal fly ash |
| 10 02 | wastes from the iron and steel industry |
| 10 02 01 | wastes from the processing of slag |
| 10 02 02 | unprocessed slag |
| 10 02 10 | mill scales |
| 10 06 | wastes from copper thermal metallurgy |
| 10 06 01 | slags from primary and secondary production |
| 10 08 | wastes from other non-ferrous thermal metallurgy |
| 10 08 09 | other slags |
| 10 09 | wastes from casting of ferrous pieces |
| 10 09 03 | furnace slag |
| 10 10 | wastes from casting of non-ferrous pieces |
| 10 10 03 | furnace slag |
| 17 | Construction and demolition wastes (including excavated soil from contaminated sites) |
| 17 02 | wood, glass and plastic |
| 17 02 01 | wood - railway sleepers only |

Table S2.2 Non-hazardous waste types and quantities for a waste transfer station**Maximum Quantities**

The total quantity of waste accepted at the site shall be no more than 500,000 tonnes a year.
 The total amount of non-hazardous waste stored on site shall not exceed 15,000 tonnes at any one time.
 No more than 6,000 tonnes of bituminous and coal tar products shall be stored onsite at any one time.
 No more than 1,000 tonnes of rail sleepers shall be stored onsite at any one time

Exclusions

Wastes having any of the following characteristics shall not be accepted:

- Hazardous wastes

| | |
|--------------|--|
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
| 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 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 |
| 19 12 05 | Glass |
| 19 12 07 | wood other than that mentioned in 19 12 06 - railway sleeper only |
| 19 12 09 | minerals (for example sand, stones) |
| 19 12 10 | combustible waste (refuse derived fuel) |
| 19 12 12 | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 - Solid Recovered Fuel [SRF] only. |
| 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 38 | wood other than that mentioned in 20 01 37 - railway sleepers only |

Table S2.3 Hazardous waste types and quantities for a waste transfer station**Maximum Quantities**

The total quantity of waste accepted at the site shall be no more than 500,000 tonnes a year.
 No more than 6,000 tonnes of bituminous and coal tar products shall be stored onsite at any one time.
 No more than 1,000 tonnes of rail sleepers shall be stored onsite at any one time

Exclusions

Wastes having any of the following characteristics shall not be accepted:

- Consisting solely or mainly of dusts, powders or loose fibres
- Wastes with hazardous properties HP1, HP2, HP3, HP5, HP6, HP8, HP9, HP10, HP11, HP12, HP14 and HP15

| | |
|--------------|--|
| 17 | Construction and demolition wastes (including excavated soil from contaminated sites) |
| 17 02 | wood, glass and plastic |
| 17 02 04* | glass, plastic and wood containing or contaminated with hazardous substances - railway sleepers only |
| 17 03 | bituminous mixtures, coal tar and tarred products |
| 17 03 01* | bituminous mixtures containing coal tar |
| 17 03 03* | coal tar and tarred products (coal tar in containers only) |
| 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 12 | wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified |
| 19 12 06* | wood containing hazardous substances - railway sleepers only |
| 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 37* | wood containing hazardous substances - railway sleepers only |

Schedule 3 – Emissions and monitoring

| Emission point ref. & location | Source | Parameter | Limit (incl. Unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|---|---------------|------------------|---------------------------|-------------------------|-----------------------------|--------------------------------------|
| S1 (on site plan HCHL D100 (dated 01/05/17)) emission to Yorkshire Water Saltend Sewage Treatment Works | Site run off | -- | -- | -- | -- | - |

| Location or description of point of measurement | Parameter | Monitoring frequency | Monitoring standard or method | Other specifications |
|---|--------------------|---|--------------------------------------|---|
| Points detailed in the approved Dust Management and Monitoring Plan as per POM 01 | Particulate matter | Continuous unless otherwise agreed in writing with the Environment Agency | BS 1747 | Using directional dust deposit gauge. Contents of deposit gauge to be measured weekly |

Schedule 4 – Reporting

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

| Parameter | Emission or monitoring point/reference | Reporting period | Period begins |
|--|---|-------------------------|----------------------|
| Ambient air monitoring (Particulate Matter) Parameters as required by condition 3.5.1 | Points detailed in the approved Dust Management and Monitoring Plan as per POM 01 | Every 6 months | 01/07, 01/01 |

| Parameter | Frequency of assessment | Units |
|-------------------------------------|--------------------------------|----------------|
| Water usage | Annually | m ³ |
| Energy usage | Annually | MWh |
| Total raw material used (i.e. fuel) | Annually | Litres |

| Media/parameter | Reporting format | Date of form |
|------------------------------|--|---------------------|
| Air | Form air 1 or other form as agreed in writing by the Environment Agency | 08/06/17 |
| Water usage | Form water usage 1 or other form as agreed in writing by the Environment Agency | 08/06/17 |
| Energy usage | Form energy 1 or other form as agreed in writing by the Environment Agency | 08/06/17 |
| Other performance indicators | Form performance 1 or other form as agreed in writing by the Environment Agency | 08/06/17 |
| Waste returns | Waste Return Form or Generic Operator Returns system (GOR) or other reporting format to be agreed in writing with the Environment Agency | -- |

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.

“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.

“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 or background concentration limit.

“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 III of the Waste Framework Directive.

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

“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.

“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.

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.

“year” means calendar year ending 31 December.

When the following terms appear in the waste code list in Schedule 2, table S2.2 and S2.3, for those tables, 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.

'PCBs' means

- polychlorinated biphenyls
- polychlorinated terphenyls
- monomethyl-tetrachlorodiphenyl methane, Monomethyl-dichloro-diphenyl methane, Monomethyldibromo-diphenyl methane
- 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.

Reporting Forms

Permit Number: AB3808CF

Operator:

**Harding Cargo
Handling Limited**

Facility: Albert Docks

Form Number:

Air1 / 08/06/17

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] |
|-----------------------|------------------------------|-----------------------------|-------------------------|------------------------------|-----------------------------------|---|-----------------------------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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: AB3808CF

Operator: Harding Cargo Handling Limited

Facility: Albert Docks

Form Number: WaterUsage1 / 08/06/17

Reporting of Water Usage for the year 20XX

| 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: AB3808CF

Operator:

**Harding Cargo
Handling Limited
Energy1 / 08/06/17**

Facility: Albert Docks

Form Number:

Reporting of Energy Usage for the year 20XX

| 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 | | |
| 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: AB3808CF **Operator:** Harding Cargo Handling Limited
Facility: Albert Docks **Form Number:** Performance1 / 08/06/17

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

| Parameter | Units |
|------------------|--------------|
| Fuel Usage | Litres |

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

Signed
(Authorised to sign as representative of Operator)

Date.....