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Environment
Agency

**ENVIRONMENTAL PROTECTION ACT 1990.
WASTE MANAGEMENT LICENCE.**

LICENCE REF No :- EAWML47194

**FACILITY TYPE:-
Transfer / Treatment Facility**

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grant a waste management licence authorising the keeping and treatment of controlled waste on the land specified in schedule 1 to this licence to **Bromfield Industrial Services Limited, Oak Works, Hopton Heath, Craven Arms, Shropshire SY7 0QD (Company Registration Number 4406153)** those persons being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

SCHEDULE 1 - SPECIFIED LAND.

The licence relates to the land at **Bromfield Industrial Services Limited, Unit 2, Cornell Efrog, Ludlow Road, Knighton, Powys LD7 1LP** (hereinafter called "the site") shown edged red on Drawing Title – "Site Location, Licence Area and Site Access and Referenced BIS-SITE-MAP001 – 1st May 2007", and attached to this licence.

Signed _____

Name: **Ian Brindley**
Authorised to sign on behalf of
the Environment Agency

Dated 31 MARCH 2008

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY.

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED AT THE END OF THIS LICENCE.

Environment Agency, National Permitting Team, Olton Court, 10, Warwick Road, Olton, Solihull, B92 7HX



EXPLANATORY NOTES - including rights of appeal.

RIGHTS OF APPEAL

Section 43(1) of the Environmental Protection Act 1990 provides that:

Where, except in pursuance of a direction given by the Secretary of State, a licence is granted subject to conditions, the applicant may appeal from the decision to the Secretary of State.

Therefore, if you feel aggrieved by the decision detailed on the attached notice, you may obtain the appropriate form on which to give written notice of an appeal from:-

Environment Appeals Team
The Planning Inspectorate
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

For Wales, the address is:

The Planning Inspectorate
National Assembly for Wales
Environmental Protection Division
Crown Buildings
Cardiff
CF10 3NQ

Tel No: 0117 372 8726
Fax No: 0117 372 8139

Tel: 02920 823859
Fax: 02920 825150

This notice of appeal should be accompanied by the following information:

a statement of the grounds of appeal;

a copy of the licence;

a copy of any correspondence relevant to the appeal;

a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate or certificate of lawful use or development and

a statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations.

You are also required to serve a copy of your notice of appeal, together with copies of any the above documents that have accompanied your notice of appeal, on the Environment Agency (at the address overleaf). You should appeal within 6 months of the date that this notice takes effect but the Secretary of State may allow notice of appeal to be given after the expiry of this time period.

Schedule 2 – conditions to the licence

1 General considerations

1.1 Specified waste management operations

1.1.1 No waste management operations shall be authorised by this licence unless:

- (a) specified in and undertaken in accordance with the limitations in Table 1.1 or**
- (b) otherwise required by the conditions of this licence as being an integral part of those operations;**

Table 1.1 Specified waste management operations

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
R3 Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes	All Wastes	All treatment and pre-treatment of waste electrical and electronic equipment [WEEE] (including waste electrical and electronic equipment containing ozone depleting substances [ODS-WEEE]) shall be undertaken on impermeable pavement provided in accordance with condition 2.1
R4 Recycling / reclamation of metals and metal compounds		Destruction of waste electrical and electronic equipment carcasses containing ozone depleting substances shall be undertaken in a contained environment
R5 Recycling / reclamation of other inorganic compounds		The capacity of the site for hazardous waste subject to a R5 activity shall not exceed 10 tonnes per day
R 13 Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	All Wastes	Storage prior to pre-treatment of WEEE and ODS-WEEE shall be undertaken on impermeable pavement provided in accordance with condition 2.1
D15 Storage of wastes pending , on this site any of the category "D" operations authorised under this column, or elsewhere than on this site, any of the operations listed in part III of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced		Free storage shall not exceed a maximum storage height of 3.5 metres or 2 units high Palletised or racked storage - individual storage shall not exceed a maximum height of 5 metres high per pallet or shelf WEEE, disassembled spare parts, components or residues must be stored on an impermeable surface disassembled spare parts containing liquids shall be stored in appropriate containers Batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated, labelled appropriate containers.

Note: References in the first column to classifications of specified waste management operations using 'D' and 'R' codes are as listed in Annex IIA and Annex IIB of Council Directive 75/442/EEC of 15th July 1975 on Waste (as amended)

1.1.2

The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive.

WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT) in accordance with "Guidance on Best Available Treatment Recovery and Recycling Techniques (BATRRRT) and treatment of Waste Electrical and Electronic Equipment (WEEE)" published by the Department of Environment, Food and Rural Affairs.

Where the full treatment of WEEE takes place on site the substances, preparations and components listed in Annex II of the WEEE Directive (Appendix B to this licence) must be removed.

All fluids contained within WEEE shall be removed if the WEEE is to be treated on site.

The following components of WEEE have to be treated as indicated:

- Cathode ray tubes: The fluorescent coating has to 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 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer;
- Gas discharge lamps: the mercury shall be removed.

The removal of coolants from air-conditioning units shall be in accordance with the "Guidance on the Recovery and Disposal of Controlled Substances Contained in Refrigerators and Freezers" published by the Environment Agency.

Arrangements shall be made to enable the measurement of the weight of all WEEE treated at the site.

Specified Waste Management Operations and Exempt Waste Management Operations

- 1.1.3 Where wastes are being brought onto the site for waste management operations which are exempt from licensing under the 1994 Regulations, then the wastes which are subject to the specified waste management operations shall be kept clearly segregated and identified from those wastes which are being kept on the site for the exempt waste management operations.

1.2 Permitted wastes

Permitted categories and types of wastes

- 1.2.1 No wastes shall be accepted at the site other than waste refrigeration equipment or waste electrical and electronic equipment which are within the categories specified in Table 1.2 and waste types specified in Appendix A

Table 1.2. Permitted quantities of waste

Permitted Waste Categories	Maximum Permitted Quantities for each waste category subject to maximum permitted total quantity in condition 1.2.2
Household Wastes Commercial Wastes Industrial Wastes	Maximum permitted storage of waste at any one time on the site shall not exceed 400 tonnes, consisting of a maximum of 250 tonnes or 10000 units of refrigeration equipment; Electrical and electronic equipment; Residual wastes as detailed in Table 6.2

Permitted quantities of wastes

1.2.2 Whilst limited to the maximum quantities for each type of waste specified in Table 1.2, the total quantity of waste accepted at the site shall not exceed 24999 tonnes per year.

1.3 **Staffing and understanding of requirements of licence conditions**

Minimum staffing and supervision

1.3.1 Whenever the site is open to receive or dispatch wastes, or is carrying out any of the specified waste management operations, it shall be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence: regarding:

- (a) waste acceptance and control procedures;
- (b) operational controls;
- (c) maintenance;
- (d) record-keeping;
- (e) emergency action plans;
- (f) notifications to the Agency

Availability of licence

- 1.3.2 A copy of this licence shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

Understanding of licence

- 1.3.3 All site staff shall be, or shall work under the direct supervision of a member of staff who is, fully conversant with those aspects of the licence conditions which are relevant to their specific duties.

1.4 Changes in technically competent persons

- 1.4.1 Any changes in the technically competent management of the site, the name of any incoming person and evidence that such a person has the required technical competence, shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under section 74 of the Environmental Protection Act 1990 and Regulations 4 and 5 of the 1994 Regulations, and any subsequent amendments to the Act or Regulations.

1.5 Relevant convictions

Notification of relevant convictions

- 1.5.1 In the event of the Licence Holder and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

Notifications of appeals against convictions

- 1.5.2 In the event that the Licence Holder and/or any relevant person lodges an appeal against any such conviction or sentence, the Licence Holder shall notify the Agency of this within 14 days of the lodging. The Licence Holder shall notify the Agency of the results of that appeal within 14 days of the appeal being decided.

1.6 Notification of change of operator's or holder's details

- 1.6.1 The following information shall be notified in writing within 5 working days to the Agency:

(a) where the Licence Holder is an individual or named individuals:

- i** where the Licence Holder consists of more than one named individual, the death of any of those individuals;
- ii** any change in the Licence Holder's name(s) or address(es);
- iii** any steps taken with a view to the Licence Holder, 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;
- iv** of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder); or

(b) where the Licence Holder is a registered company:

- i any change in the Licence Holder's trading name, registered name or registered office address;
 - ii any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
 - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder); or
- (c) where the Licence Holder is a corporate body other than a registered company:
- i any change in the Licence Holder's name or address;
 - ii any steps taken with a view to the dissolution of the Licence Holder;
 - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder)

1.7 Notification of preparatory works

- 1.7.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Agency of the intention to do so. The notification shall include details of what work is being done and when.

1.8 Notification of commencement, cessation and resumption of waste storage operations

Specified waste management operations

- 1.8.1 No specified waste management operation shall be carried out until at least 7 days prior notice in writing has been given to the Agency of the intention to commence carrying out the specified waste management operation.

Cessation and resumption of specified waste management operations

- 1.8.2 In the event that the site ceases receiving wastes for longer than 21 days then, within 7 days following the elapse of that time, the Licence Holder shall inform the Agency in writing of the date of cessation and of the planned date of resumption. In the event that it is intended that the site shall recommence receiving wastes sooner than the notified date then they shall give the Agency not less than 7 days prior notice in writing.

1.9 Notifications and submissions to Agency

- 1.9.1 Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions:
- (a) shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
 - (b) shall quote the licence reference number and the name of the Licence Holder.

2 **Site engineering for pollution prevention and control**

2.1 **Site Surfacing and drainage**

Provision and maintenance of site surface

2.1.1 Waste shall only be deposited, stored, treated or otherwise handled in any area of the site, where the appropriate site surface for that area is provided in accordance with condition 2.1.2 and Table 1.1

2.1.2 The site surface shall be designed, constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose, and, where provided, to meet the standards specified in Table 2.1 below.

Table 2.1 Site containment and drainage standards

Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Hardstanding	Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or other similar material) and maintained such that the working surface: <ol style="list-style-type: none">1. shall remain even2. shall not be subject to settlement3. shall not be subject to rutting by vehicles even when wet4. shall have sufficient durability to allow cleaning for example by scraping5. shall remain free of standing water.
Impermeable pavement, bunding and sills	Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.
Sealed drainage systems	Drainage to areas of impermeable pavement shall be provided by a sealed drainage system, that is comprised of a drainage system with impermeable components which does not leak and which will ensure that :- <ol style="list-style-type: none">1. no liquid will run off the pavement otherwise than via the system; and2. except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.3. sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement;4. Inspections and emptying of sealed sumps shall be recorded in the site diary.5. Uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.
Covered buildings or roofed areas	Where wastes are stored in a building or roofed area: <ol style="list-style-type: none">1. The building or roofed area shall be designed, constructed and maintained to prevent ingress of rain and surface water.2. Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or foul sewer.
Fixed bays and other fixed containers	All fixed bays and other fixed containers used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.
Storage areas for skips, drums and other mobile tanks and containers	All skips, drums and other mobile tanks and containers having individual capacities of greater than 10 litres which are used for the storage and treatment of wastes shall be constructed and maintained so that they do not leak any liquids contained in them.
Inspection and maintenance of engineered containment	All areas of hardstanding, impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed bays and other containers, and storage areas for skips, drums and other mobile tanks and containers: <ol style="list-style-type: none">1. shall be inspected no less frequently than monthly, to ensure the continuing integrity and fitness for purpose of their construction, and the inspection and any necessary maintenance shall be recorded in the site diary; and2. in the event of any damage occurring which breaches the integrity of the engineered containment so that it no longer meets the specified standards, the Licence Holder shall cease importing waste into or treating waste in the affected area, shall notify the Agency immediately, and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification.

Construction quality assurance of new site containment and drainage systems

2.1.3 No wastes shall be deposited, stored, treated or otherwise handled in any area for which an engineered site containment and drainage system is to be newly constructed to meet the requirements of this condition unless:

- (a) details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- (b) the engineered site containment and drainage system has been constructed in accordance with the other requirements of condition 2.1;
- (c) the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency, and the Agency has confirmed in writing that it has no objection to the placement of wastes on that containment area.

Construction quality assurance of existing site containment and drainage systems

2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:

- (a) details of the construction and maintenance of the engineered site containment and drainage system have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- (b) the existing engineered site containment and drainage system shall be demonstrated to be fit for purpose in that:
 - i areas of impermeable pavement are laid to take the weight of relevant vehicles, plant and equipment without cracking or breaking; and
 - ii areas of impermeable pavement are free from cracks which could reduce impermeability; and
 - iii areas of impermeable pavement are resistant to mechanical, physical and chemical stresses to which they may be subjected; and
- (c) areas of impermeable pavement fall towards the drainage system to prevent ponding; and
 - i no liquid will run off areas of impermeable pavement other than via the drainage system; and
 - ii the drainage system is sealed so that it does not leak and is capable of collecting and containing liquids draining from the impermeable pavement; and
 - iii liquid from the drainage system is disposed of to an approved discharge.
- (d) the existing engineered site containment and drainage system shall be maintained in accordance with the requirements of Table 2.1.

3 **Site infrastructure**

3.1 **Provision of site identification board**

- 3.1.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.
- 3.1.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 1 week.
- 3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:
- (a) Site name and address;
 - (b) Licence Holder name (company name, not individual name unless justified as necessary);
 - (c) Operator name (company name, not individual name unless justified as necessary);
 - (d) Licence number;
 - (e) Emergency contact name and telephone number;
 - (f) Statement that the site is licensed by the Environment Agency;
 - (g) Agency national numbers, for General Enquiries 08708 506 506 and Emergencies 0800 807060, or as subsequently notified in writing by the Agency;
 - (h) Days and hours site is open to receive waste, which information shall be in accordance with the relevant planning permission.

3.2 **Site security**

- 3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans, and livestock, which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the requirements specified in Table 3.1 below:

Table 3.1 Site security system standards

Site security system	Specified standards
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
Design standards	Unless otherwise agreed in writing by the Agency, this shall consist of a chainlink security fence at least 1.8 metres high around the perimeter of the site, which shall meet the standards specified in British Standard BS1722, or an agreed alternative, and shall have a lockable gate to at least the same height and standard at the site access.
Operational standards	The site shall be kept closed and secure at all times when unattended.
Maintenance standards	The site security shall be fully inspected at the commencement of each working day. Any defects or damage shall be made secure by temporary repair by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All inspections, defects, damage and repairs shall be recorded in the site diary.

4 **Site operations**

4.1 **Control of mud and debris and loose waste**

Prevention of mud, debris and loose waste on road

4.1.1 Whenever the site is receiving or despatching wastes, measures shall be provided, operated and maintained, with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access.

4.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

Remediation of mud, debris and loose waste on road

4.1.3 In the event that mud, debris or loose waste arising from the site is deposited or tracked onto public areas outside and in the vicinity of the site, the following remedial measures shall be implemented immediately:

- (a) the affected public areas outside the site shall be cleaned
- (b) traffic shall be isolated from sources of mud, debris and loose waste within the site to prevent further tracking, and measures shall be taken to clear any such sources as soon as practicable.

4.2 **Leaks and spillage**

Potentially polluting leaks and spillage from vehicles, plant and equipment

4.2.1 All plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillage of wastes.

Potentially polluting leaks and spillage from tanks, drums and other mobile containers

4.2.2 Each tank, drum or other mobile container used to hold wastes permitted under condition 1.2, shall be, while on the site:

- (a) loaded and unloaded;
- (b) filled and emptied;
- (c) clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
- (d) inspected and maintained according to documented and recorded maintenance schedules and procedures;
- (e) in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately;

in accordance with the standards specified in Table 4.1 below.

Control and Remediation of leaks and spillage

- 4.2.3 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, and shall meet the standards specified in Table 4.1 below:

Table 4.1 Standards for prevention and control of leaks and spillages

Action	Specified standards
a) Loading and unloading waste refrigeration equipment	Loading and unloading of waste refrigeration equipment shall be undertaken in a manner to prevent damage.
b) Inspection and maintenance of containers	Containers for storage of refrigerants and compressors shall be inspected daily for leaks. Containers found to be leaking either shall be immediately transferred to a larger over-container or shall have their contents immediately transferred to an alternative container.
c) Control and remediation of leaks and spillage	Minor spillage shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids. Where major spillage occur which are causing or are likely to cause polluting emissions to the environment: immediate action shall taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground; the spillage shall be cleared immediately and placed in alternative sealed containers; the Agency shall be informed immediately.

4.3 **Fires on the site**

Prohibition of fires on site

- 4.3.1 No wastes shall be burned on the site under the terms of this licence.

Actions to be taken in the event of a fire

- 4.3.2 In the event of a fire on the site, notwithstanding the implementation of actions to suppress and extinguish the fire, the following actions shall be implemented immediately and recorded in the site diary:
- (a) the Agency shall be informed immediately of the fire; and
 - (b) so far as practicable, contaminated site drainage shall be prevented from entering any surface water drain or watercourse or unsurfaced ground.

5 **Waste acceptance and control procedures**

5.1 **Waste acceptance procedures**

5.1.1 All wastes received at the site shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation.

5.1.2 All wastes shall be kept separate from and shall not be mixed with other wastes until they have been confirmed and recorded for acceptance at the site.

5.1.3 Storage areas and containers shall be clearly defined and labelled to identify the wastes stored within them.

5.2 **Waste control procedures**

5.2.1 Any non-permitted waste which is detected after acceptance at the site shall be quarantined immediately in clearly designated areas and the Agency shall be informed immediately.

5.2.2 Any quarantined waste shall be removed from site within 28 days.

5.2.3 A record shall be kept in the site diary of all rejected wastes.

5.3 **ODS WEEE**

5.3.1 Any refrigeration equipment containing ODS shall be pre-treated such that the cooling system is drained of all gases and compressor oil to the standards in condition 6.1.

5.3.2 A record shall be kept in the site diary of all pre-treated wastes.

5.4 **Fridge Dismantling**

5.4.1 The dismantling of the fridge carcass into panels for storage shall only be undertaken in accordance with a written method statement which shall include

- (a) an assessment of the amount of "controlled substance" released
- (b) precautionary measures taken to minimise the release of "controlled substance"
- (c) proposed equipment and techniques

5.4.2 The written method statement shall be approved in writing by the Agency before any dismantling takes place.

5.4.3 A record shall be kept in the site diary of all dismantled wastes.

5.5 **WEEE dismantling**

5.5.1 The dismantling of WEEE for storage shall only be undertaken in accordance with a written method statement which shall include

- (a) an assessment of the amount of "controlled substance" released
- (b) precautionary measures taken to minimise the release of "controlled substance"
- (c) proposed equipment and techniques

5.5.2 The written method statement shall be approved in writing by the Agency before any dismantling takes place.

5.5.3 A record shall be kept in the site diary of all dismantled wastes.

5.6 **Waste despatch procedures**

5.6.1 All outgoing wastes shall be inspected prior to despatch to confirm their description and composition against the relevant waste transfer note and other accompanying documentation

5.6.2 All outgoing wastes identified in condition 5.6.1 shall be kept separate from and shall not be mixed with other wastes

5.6.3 All outgoing wastes shall be recorded in accordance with the standards specified in Table 6.3 below.

6

Long term provisions

6.1 Discontinued operations

6.1.1 In the event that the specified waste management operations on the site cease and the Agency has reasonable grounds to believe that they will not be resumed within 2 months, then, notwithstanding the operational limits on storage times of wastes specified in the other conditions of this licence, the licence holder shall ensure that all wastes remaining on the site shall be removed by the date specified by the Agency in writing. This shall include, where required by the Agency, clearing of plant, equipment and engineered containment used in the specified waste management operations, and emptying or any sealed sumps or interceptors.

6.2 Pre-destruction processing

6.2.1 All refrigeration units shall be drained of free water prior to treatment or destruction.

6.2.2 ODS WEEE units shall not be stored for greater than 1 month unless the refrigerant and lubricant has been removed

- a) in a manner to ensure fugitive emissions from the degassing of the refrigeration cooling system are collected and
- b) in accordance with Table 6.2 below

Table 6.2 Pre-destruction processing

Stage of treatment process	Specified standards
Removal of refrigerant and lubricant	Drainage of the refrigeration cooling system shall be undertaken in a manner that: Results in removal of 99% of the oil and refrigerant from the cooling circuit and compressor being collected and stored in a sealed container
Processing of lubricating oil	Upon removal of compressor oil from the cooling system: (a) The compressor oil shall be processed to ensure that the concentration of refrigerant in the oil is <0.9% w/w; or (b) It shall be placed immediately in a suitable sealed container to prevent fugitive emission of controlled substances
Removal of compressor	Following the drainage of the cooling system the compressor unit shall be removed from the refrigerator unit and placed into a sealed container

6.3 Removal of residual wastes from the site

6.3.1 All wastes produced as a result of treatment or pre-treatment at the site shall be stored, handled, kept and recorded in accordance with the standards specified in Table 6.3 below

Table 6.2. Permitted quantities of residual waste

Residual Material	Permitted Waste Categories)	Maximum Permitted Quantities for each waste category	Maximum Permitted storage times for each waste category
Compressor oil	13 02 08* other engine, gear and lubricating oils	10000 Litres	1 year
Refrigerants	14 06 01* Chlorofluorocarbons, HCFC, HFC	2000 Kg	1 year
HC refrigerants	14 06 03* other solvents and solvent mixtures		
Spent Activated carbon	06 13 02* spent activated carbon (except 06 07 02)	2 Tonnes	1 year
Mercury switches	19 10 05* other fractions containing dangerous substances	2000 Kg	1 year
Transformers and capacitors	16 02 09* transformers and capacitors containing PCBs	2tonne	1year
Gas discharge lamps	16 02 15* hazardous components removed from discarded equipment	The total quantity of any combination of wastes, (Residual Materials 7-18) shall not exceed a maximum of 150 tonnes	1 year
Toner cartridges, liquid crystal displays etc	16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15		1 year
Polyurethane Foam Plastic and Rubber	19 12 04 rubber and plastic		1 year
Ferrous metal	19 10 01 iron and steel waste		1 year
Non-ferrous metal	19 10 02 non-ferrous waste		1 year
Glass	19 12 05 glass 20 01 02 glass		1 year
Other wastes (Loose material shall be stored in suitable containers provided in accordance with condition 2.1)	19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11		1 year
Other fractions	19 10 06 other fractions other than those mentioned in 19 10 05		1 year
Fluorescent tubes	20 01 21* fluorescent tubes and other mercury-containing wastes		1 year
Batteries	20 01 33* batteries and accumulators included in 16 06 01, 16 06 02 or 16 03 03 and unsorted batteries and accumulators containing these batteries		1 year
	20 01 34 batteries and accumulators other than those mentioned in 20 01 33		
Waste food (Food wastes shall be placed into bags and stored in suitable containers provided in accordance with condition 2.1)	20 01 08 biodegradable kitchen and canteen waste		2 weeks
Packaging	20 01 01 paper and cardboard		1 year
	15 01 06 mixed packaging		

Amenity management and reporting

7.1 Monitoring and control of odorous emissions

- 7.1.1 Throughout the operational life of the site, measures to monitor, control and minimise the emission of odours from the site shall be carried out to meet the standards specified in Table 7.1. Such measures shall prevent releases in such quantities or concentrations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 7.1 Standards for monitoring and control of emissions of odours

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ol style="list-style-type: none"> 1. by the site manager or supervisor, at least twice per day, at the site boundary situated downwind of the waste operations, and shall be recorded in the site diary; and 2. by site staff supervising individual waste handling operations, during the carrying out of those operations.
Odorous emissions action plan	<ol style="list-style-type: none"> 1. On detection or notification of aerial emissions of odour that are or are likely to be transported beyond the site boundary, at such levels that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, immediate action to be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste. 2. The incident and the remedial action shall be recorded in the site diary.

- 7.1.2 All emissions to air from the specified waste management operations on the site shall be free from odours at levels as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Agency.

7.2 Monitoring and control of pest infestations

- 7.2.1 Throughout the operational life of the site, measures to control and minimise pests on the site shall be carried out, in accordance with the standards specified in Table 5.2. Such measures shall prevent pest infestations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 7.2 Standards for monitoring and control of pest infestations

	Specified standards
Monitoring of pest infestations	An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals by the site supervisor, and shall be recorded in the site diary.
Pest infestations action plan	<ol style="list-style-type: none"> 1. On detection or notification of pest infestations, immediate action shall be taken to secure the attendance of a professional pest control contractor, to eliminate the pest infestation. 2. The incident and the remedial action shall be recorded in the site diary.

7.3 Control of litter

- 7.3.1 Measures shall be implemented and maintained throughout the operational life of the site to prevent the escape of litter from the confines of the site.
- 7.3.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after the end of the working day.

Pre-destruction processing (stage 1)

Pre-destruction processing

- 8.1.1 The pre-destruction processing of refrigeration units shall be undertaken;
- (a) in manner to ensure fugitive emissions from the degassing of the refrigeration cooling system are collected
 - (b) Non ODS WEEE refrigeration units shall be processed in accordance with BATRRRT guidance of condition 1.1.2;
 - (c) ODS WEEE units shall be processed in accordance with table 8.1 below;

Table 8.1 Pre-destruction processing for all refrigeration units

Stage of treatment process	Specified standards
a) Removal of switches	Switches containing mercury or other components containing hazardous components shall be removed from the unit and placed in a suitable container prior to unit destruction.
b) Removal of accumulated water	All refrigerator units shall be drained of free water prior to destruction
c) Waste water	All waters generated from the processing of the refrigeration unit shall be collected and stored in a sealed container to prevent fugitive emission of controlled substances prior to disposal
d) Removal of refrigerant and compressor oil	Drainage of the refrigeration cooling system shall be undertaken in a manner that: Results in removal of 99% of the compressor oil and refrigerant from the cooling circuit and compressor being collected and stored in a sealed container
e) Processing of compressor oil	Upon removal of compressor oil from the cooling system: 1. The compressor oil shall be processed to ensure that the concentration of controlled substance in the oil is <0.9% w/w; or 2. It shall be placed immediately in a suitable sealed container to prevent fugitive emission of controlled substances
f) Removal of compressor	Following the drainage of the cooling system, the compressor unit shall be removed from the refrigerator unit and placed into a sealed container

ODS WEEE Carcass Destruction (stage 2)

Atmospheric containment

- 9.1.1 The destruction of the ODS WEEE unit carcasses shall be undertaken in a contained environment to prevent fugitive losses of controlled substances.
- 9.1.2 In the event of failure of the containment or if it is breached;
- (a) Fridge ODS WEEE carcass destruction operations shall cease until action has been taken to restore atmospheric containment; and
 - (b) the Agency shall be notified immediately

Pre-destruction preparation

- 9.1.3 ODS WEEE Refrigeration units shall not be subject to the destruction process unless processed to the pre-destruction processing standards specified in condition 8.1.1 above.

Destruction standards

- 9.1.4 Residual materials specified in table 9.1 below, resulting from the destruction of refrigeration ODS WEEE unit carcasses shall not be removed from the contained environment unless they meet the specified standards in table 9.1. ODS WEEE shall also be treated in accordance with BATRRT guidance in condition 1.1.2.

Table 9.1 Standards for fridge destruction

Residual materials	Specified standards
Polyurethane foam	The quantity of residual blowing agent remaining in the polyurethane foam shall not exceed: 0.5% w/w where foam is stored in a contained environment subject to further recovery or destruction 0.2% w/w in other cases

Commissioning Requirements

- 9.1.5 Prior to commissioning of the equipment, the operator shall submit in writing to the Agency, a commissioning plan. The commissioning plan shall demonstrate how the proposed operations will meet the requirements of table 9.2;

Table 9.2 Requirements for commissioning plan

Commissioning monitoring and sampling records	Specified requirements
Quality assurance of monitoring and sampling	<ol style="list-style-type: none">1. Monitoring shall only be carried out by suitably competent/qualified staff.2. Validation of results shall be carried out by an adequately experienced engineer Monitoring equipment shall be calibrated and serviced in accordance with the manufacturer's recommendations.
Making of records	Records shall include the following: <ol style="list-style-type: none">1. Specified details of measurements/samples to support analytical and QA requirements; including. dates, times, locations, personnel undertaking monitoring;2. Results of measurements/sample analyses, with error limits;3. Interpretation and review of results;4. Validation of accuracy and validity of results, by designated quality assurer.
Determinands monitored / sampled	Records shall include the following: <ol style="list-style-type: none">1. the numbers and unit types destroyed2. the actual quantity of blowing agent collected3. results of testing of residual materials to meet the specified standards in table 9.14. quantities of residual materials as specified in table 6.2.5. a record of the emissions monitoring system results6. details of the identities, relevant experience and relevant qualifications of the personnel providing commissioning validation

9.1.6 Following completion of commissioning operations, a validation report shall be submitted to the Agency in accordance with the requirements of the commissioning plan.

9.1.7 Destruction operations shall not commence until the commissioning validation report has agreed in writing by the Agency.

Destruction Process Monitoring

- 9.1.8 Samples of the residual materials listed in table 9.1 shall be;
- (a) subjected to independent conformance testing for a minimum of 50,000 units destroyed; or monthly, whichever is the sooner;
 - (b) the operator shall provide the Agency with 48 hours notice of the sampling exercise being undertaken; and
 - (c) The results of the destruction process monitoring shall be forwarded to the Agency within 1 month of the sampling exercise being undertaken.

Emissions Control

Emissions limits

- 10.1.1 Controlled substances resulting from the destruction process shall be collected and, where discharged to atmosphere, shall not exceed the limits specified in table 10.1 below.

Table 10.1 Emission Limits of Controlled Substances	
No of Refrigeration units processed per hour	Emission limits
<100 units	5g per hour
>100 units but <200 units	10g per hour
>200 units but <300 units	15g per hour
>300 units but <400 units	20g per hour
>400 units	30g per hour

Emissions Monitoring

- 10.1.2 The emission control system shall be monitored on a continuous basis to ensure compliance with the limits specified in table 10.1 above.
- 10.1.3 Samples shall be collected from the emission control system exhaust and
- (a) subjected to independent conformance testing for a minimum of 50,000 units destroyed; or monthly, whichever is the sooner; and
 - (b) the operator shall provide the Agency with 48 hours notice of the sampling exercise being undertaken
 - (c) a copy of each sampling result shall be submitted to the Agency within 1 month of the monitoring exercise being undertaken.

Emissions Action Plan

- 10.1.4 In the event of any emissions exceeding the specified standards in table 10.1 above;
- (a) Refrigerator unit ODS WEEE carcass destruction operations shall cease until remedial action has been taken to meet the specified standards and
 - (b) the Agency shall be notified immediately

11 Site records

11.1 Security and availability of records

Security of records

- 11.1.1 All records which are required to be made under the conditions of this licence shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 11.1 below.

Availability of records

- 11.1.2 All records which are required to be made under the other conditions of this licence shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Agency.

Table 11.1 Standards for keeping of site records

Site records	Specified standards
Wastes accepted at the site; Wastes rejected. Wastes despatched from the site; Site diaries.	1. All records shall be stored either: a) on paper in a secure cabinet or cupboard; or b) on computer disc with a back up copy. 2. Records shall be kept for a minimum of two years.

11.2 Records of waste movements

Recording of wastes accepted and removed

- 11.2.1 A record shall be kept of all wastes received and all wastes removed from site. The records shall include the following for each vehicle load of waste:

For the waste received

- (a) Origin of waste
- (b) Unit types and quantities (numbers of ODS WEEE refrigerator units and whether units contain refrigerant and/or compressor) types and quantities of waste electrical and electronic equipment;
- (c) Date processed in accordance with Table 6.1
- (d) Date received
- (e) Quantities in tonnes/or units received and waste type
- (f) Nature of the waste (solid, liquid or sludge)

For the waste removed

- (g) date removed
- (h) quantities in tonnes/or units removed and waste type
- (i) destination of waste removed
- (j) nature of the waste (solid, liquid or sludge)

11.3 Site diary

11.3.1 A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events, in accordance with the other conditions of this licence:

- (a) construction work
- (b) maintenance
- (c) breakdowns
- (d) emergencies
- (e) problems with waste received and action taken
- (f) site inspections and consequent actions carried out by the operator
- (g) technically competent management attendance on site: the date and the time onto site and the time left site
- (h) despatch of records to the Agency
- (i) severe weather conditions
- (j) complaints about site operations and actions taken
- (k) environmental problems and remedial actions

Each record shall be completed within 24 hours of the relevant event.

Records

Records of unit destruction

- 12.1.1 A record of each unit's destruction shall be maintained. This record shall include the following details:
- (a) unit type
 - (b) blowing agent type
 - (c) date of destruction
- 12.1.2 The quantity of refrigerant and blowing agent recovered shall be recorded on a monthly basis. This record shall include the following details:
- (a) quantity and type of refrigerant collected
 - (b) quantity and type of blowing agent collected
 - (c) the number of each units types processed and destroyed

Residual wastes removed

- 12.1.3 A record shall be kept of residual wastes removed from the site. This record shall include the following details.
- (a) date and time removed
 - (b) destination
 - (c) types and quantity of wastes as specified in table 6.2

Summary records of wastes processed, removed and efficiency monitoring

- 12.2 A summary record of the waste types and quantities accepted, removed, processed and residual waste produced from the site shall be made for each quarter of the financial year and shall be submitted to the Agency within one month of the end of that quarter. The summary record shall be in the format detailed in Appendix C or otherwise subsequently specified by the Agency in writing.

Interpretation

In these conditions and their interpretation, unless the context otherwise requires, the following terms have the specified meanings:

"accepted"

for waste being delivered to the site, shall mean accepted as waste input to the site for storage and/or processing and/or disposal under the specified waste management operations;

"authorised officer of the Agency"

means any person(s) authorised in writing by the Agency pursuant to section 108(1) of the 1995 Act to exercise any of the powers specified in subsection (4) of that section;

"chlorofluorocarbons"

(CFCs) means the controlled substances listed in Group I of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers.

"Contained environment"

means an environment where there is atmospheric containment. This includes where air egress may only be facilitated through air extraction and controlled substance capture systems.

"controlled substances"

means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed. This definition shall not cover any controlled substance which is in a manufactured product other than a container used for the transportation or storage of that substance, or insignificant quantities of any controlled substance, originating from inadvertent or coincidental production during a manufacturing process, from unrated feedstock, or from use as a processing agent which is present in chemical substances as trace impurities, or that is emitted during product manufacture or handling,

"Destruction"

includes crushing, milling, shredding and pulverising to render the fridge unit carcass into its constituent materials

"engineered"

for works specified in these conditions, means carried out and completed using the relevant engineering process specified in these conditions;

"engineering"

for engineering works specified in these conditions, means the relevant process of design, construction or installation, quality assurance or validation or commissioning specified in these conditions;

"fridge" and "refrigeration equipment"

means any WEEE that may contain ODS

"fugitive emissions"
means uncontrolled emissions

"fugitive material"
means uncontrolled emissions

"hydrochlorofluorocarbons"
(HCFCs) means the controlled substances listed in Group VIII of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers,

"hydrobromofluorocarbons"
means the controlled substances listed in Group VII of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers,

"immediately"
for carrying out of actions under the conditions, shall mean without delay and within a reasonable time, taking into account any more immediate direct action necessary to prevent or minimise risk to human health and the environment. For carrying out notifications to the Agency, shall also mean by the fastest effective means available (for example, telephone) and confirmed in writing within 1 working day (or such other time as may be agreed by the Agency within the conditions);

"loose material"
includes shelves, baskets and internal doors (where practicable) etc;

"maintenance"
for engineering maintenance specified in these conditions, means the process of inspection, testing, repair of the relevant engineering works specified in these conditions;

"ODS WEEE"
means any WEEE that contains more than 0.9%w/w of ODS in the cooling fluid or >0.2%w/w ODS in the polyurethane foam insulation

"ozone depleting substances"
(ODS) see 'controlled substances'

"pre-treatment"
includes the removal of foodstuffs and loose material, cleaning, removal of doors. Pre-treatment does not include any processes for the separation of foam from other materials.

"probability"
means the quantified expression of chance, denoted either as:
a) *the ratio or percentage of the occurrence of a particular event as one among a number of possible events;*
b) *or as the frequency of occurrence of a particular event in a given period of time;*

"received"
for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures, including storage of those wastes during those procedures prior to acceptance of the waste;

"refrigerant"
see **"controlled substances"**

"relevant offences"
are offences within the meaning of regulation 3 of the Waste Management Licensing Regulations 1994 or any statutory provisions or regulations amending or replacing them;

"residual materials"
Means both materials and wastes resulting from the specified operations;

"risk"
means a combination of the probability and consequences of occurrence of a defined hazard;
evaluation of the potential magnitude of those consequences and the probability of their occurrence;

"sealed container"
means a container which does not permit either the ingress or egress of liquids, or the escape of dusts or wastes contained within it;

"specified waste management operations"
means the waste management operations authorised by condition 1.1 of this licence;

"surface water"
means any lake, pond, river or watercourse whether natural or artificial;

"the 1994 Regulations"
means the Waste Management Licensing Regulations 1994 and any statutory provisions or regulations amending or replacing them;

"the Agency"
means the Environment Agency;

"the Licence Holder"
means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with section 40 of the Environmental Protection Act 1990;

"the operator"
means a person who is in occupation of the site and has responsibility for carrying out day to day activities at the site;

"the site"
means the land, structures, plant and equipment to which this licence relates;

"time periods, e.g. annually, quarterly, monthly, per year, etc. "
Where periods are referred to in conditions, they shall be calculated in the following way:

- annually or per year: 1 April to 31 March;
- quarterly: 1 April to 30 June, 1 July to 30 September, 1 October to 31 December, 1 January to 31 March;
- monthly: calendar month;
- weekly: Monday to Sunday.

Where the issue of the licence does not coincide with the start of any of these periods, then any relevant limits for the first period shall apply pro rata;

"treatment"

includes draining of refrigerant and oil, removal of compressors etc and dismantling for storage. Treatment does not include any processes for the separation of foam from other materials.

"unit type"

means of Type 1 (small domestic type refrigerator or freezer, 180 litres capacity or less [average weight 25kg]),

Type 2 (medium domestic type refrigerator, freezer or fridge/freezer, 180 to 350 litres [average weight 40kg]),

Type 3 (large domestic type refrigerator, freezer or fridge/freezer, 350 to 500 litres capacity [average weight 60kg]) and

Type 4 (other units, for which the number and total tonnage shall be recorded);

"waste"

means controlled waste as defined in section 75(4) of the 1990 Act and the Controlled Waste Regulations 1992 or any statutory provisions or regulations amending or replacing them;

"WEEE"

means waste electrical and electronic equipment and has the meaning given by Article 3(b) of the WEEE Directive.

"WEEE Directive"

means the Council Directive 2002/96/EC on waste electrical and electronic equipment as amended by Council Directive 2003/108/EC.

Appendices to conditions

Appendix A: Permitted Wastes

APPENDIX A: Permitted Wastes		Maximum permitted quantities for each waste category
LOW Code:	Description	
16 02 09*	Transformers and capacitors containing PCBs	See Table 1. 2.
16 02 10*	Discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09	
16 02 11*	Discarded equipment containing chloroflourocarbons HCFC, HFC	
16 02 13*	Discarded equipment containing hazardous components ² other than those mentioned in 16 02 09 to 16 02 13	
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	
19 10 01	Iron and steel waste	See Table 1. 2.
19 10 02	Non ferrous waste	
19 12 02	Ferrous metal	See Table 1. 2.
19 12 03	Non-ferrous metal	
19 12 04	Plastic and rubber	
19 12 05	Glass	
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	
20 01 02	Glass	See Table 1. 2.
20 01 23*	Discarded equipment containing chloroflourocarbons	
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	
20 01 39	Plastics	
20 01 40	Metals	

(*) asterisk denotes hazardous waste

(2) Hazardous components from electrical equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.

(7) Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass etc.

Appendix B: Substances, preparations and components to be removed from separately collected WEEE

1. Capacitors containing Polychlorinated biphenyls (PCB)
2. Mercury-containing components, such as switches or backlighting lamps
3. Batteries
4. 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
5. Toner cartridges, liquid and pasty, as well as colour toner
6. Plastic containing brominated flame retardants
7. Asbestos waste and components which contain asbestos
8. Cathode ray tubes
9. Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
10. Gas discharge lamps
11. 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
12. External electric cables
13. Components containing refractory ceramic fibres
14. 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
15. Electrolytic capacitors containing "substances of concern" (height > 25mm, diameter > 25 mm or proportionately similar volume)

Appendix C: Format for summary records of wastes accepted and removed

General Details	
Licence Holder	
Licence No.	
Month	
Start date (if less than a month)	
Finish date (if less than a month)	
Signature of Licence holder representative and contact details	

Quantities of residual materials from pre-destruction and destruction process		
Residual Materials	Waste Categories	Quantities
Compressor oil	13 02 08* other engine, gear and lubricating oils	Litres
Refrigerants	14 06 01* Chlorofluorocarbons, HCFC, HFC	Kg
HC refrigerants	14 06 03* other solvents and solvent mixtures	Kg
HC Blowing Agent	14 06 01* Chlorofluorocarbons, HCFC, HFC	Kg
Polyurethane Foam	19 12 04 rubber and plastic	Tonnes
Spent Activated carbon	06 13 02 spent activated carbon (except 06 07 02)	Tonnes
Ferrous metal	19 10 01 iron and steel waste	Tonnes
Non-ferrous metal	19 10 02 non-ferrous waste	Tonnes
Plastic	19 12 04 rubber and plastic	Tonnes
Rubber	19 12 04 rubber and plastic	Tonnes
Mercury switches	19 10 05* other fractions containing dangerous substances	Kg
Loose material shall be stored in suitable containers provided in accordance with condition 2.1.	19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	Kg

Destruction process efficiency monitoring	
Licence Holder	
Licence No.	
Month	
Start date	
Finish date	

Pre-destruction process efficiency monitoring	
Number of defective units (A)	
Number of ammonia units (B)	
Number of CFC units (C)	
Number of units with dual circuits (D)	
Total number of units (E)	
Actual recovery of refrigerant	Amount / unit
Tare weight of CRC R12 containers (F)	
Weight of filled containers (G)	
Total weight of CFC R12 (H)	
Av. Weight of CFC per unit $[(C+D)-(A+B)]/H$	

Theoretical recovery of blowing agent			
Type of unit	Number of units		
Type 1		X 240g R11/unit =	Kg
Type 2		X 320g R11/unit =	Kg
Type 3		X 400g R11/unit =	Kg
Type 4 (tonnes)			
Subtotal		Subtotal:	Kg
Theoretical anticipated value per unit For given unit type mix (=subtotal /total No. of appliances			g R11 /unit

Actual recovery of blowing agent		Amount / unit
Empty weight of CFC R11 containers	Kg	
Weight of filled containers	Kg	
Total net quantity of CFC	Kg	g / unit

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Environment
Agency

**ENVIRONMENTAL PROTECTION ACT 1990.
WASTE MANAGEMENT LICENCE.**

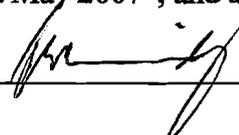
LICENCE REF No :- EAWML47194

**FACILITY TYPE:-
Transfer / Treatment Facility**

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grant a waste management licence authorising the keeping and treatment of controlled waste on the land specified in schedule 1 to this licence to **Bromfield Industrial Services Limited, Oak Works, Hopton Heath, Craven Arms, Shropshire SY7 0QD (Company Registration Number 4406153)** those persons being in occupation of the said land, the said licence being subject to the conditions specified in schedule 2 to this licence.

SCHEDULE 1 - SPECIFIED LAND.

The licence relates to the land at **Bromfield Industrial Services Limited, Unit 2, Cornell Efrog, Ludlow Road, Knighton, Powys LD7 1LP** (hereinafter called "the site") shown edged red on Drawing Title – "Site Location, Licence Area and Site Access and Referenced BIS-SITE-MAP001 – 1st May 2007", and attached to this licence.

Signed 

Name: Ian Brindley
Authorised to sign on behalf of
the Environment Agency

Dated 31 MARCH 2008

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY.

**YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED AT THE END OF THIS
LICENCE.**

Environment Agency, National Permitting Team, Olton Court, 10, Warwick Road, Olton, Solihull, B92 7HX



EXPLANATORY NOTES - including rights of appeal.

RIGHTS OF APPEAL

Section 43(1) of the Environmental Protection Act 1990 provides that:

Where, except in pursuance of a direction given by the Secretary of State, a licence is granted subject to conditions, the applicant may appeal from the decision to the Secretary of State.

Therefore, if you feel aggrieved by the decision detailed on the attached notice, you may obtain the appropriate form on which to give written notice of an appeal from:-

Environment Appeals Team
The Planning Inspectorate
Room 4/04 Kite Wing
Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

For Wales, the address is:

The Planning Inspectorate
National Assembly for Wales
Environmental Protection Division
Crown Buildings
Cardiff
CF10 3NQ

Tel No: 0117 372 8726
Fax No: 0117 372 8139

Tel: 02920 823859
Fax: 02920 825150

This notice of appeal should be accompanied by the following information:

a statement of the grounds of appeal;

a copy of the licence;

a copy of any correspondence relevant to the appeal;

a copy of any other document relevant to the appeal including, in particular, any relevant consent, determination, notice, planning permission, established use certificate or certificate of lawful use or development and

a statement indicating whether you wish the appeal to be in the form of a hearing or on the basis of written representations.

You are also required to serve a copy of your notice of appeal, together with copies of any the above documents that have accompanied your notice of appeal, on the Environment Agency (at the address overleaf). You should appeal within 6 months of the date that this notice takes effect but the Secretary of State may allow notice of appeal to be given after the expiry of this time period.

Schedule 2 – conditions to the licence

1 General considerations

1.1 Specified waste management operations

1.1.1 No waste management operations shall be authorised by this licence unless:

- (a)** specified in and undertaken in accordance with the limitations in Table 1.1 or
- (b)** otherwise required by the conditions of this licence as being an integral part of those operations;

Table 1.1 Specified waste management operations

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
R3 Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes	All Wastes	All treatment and pre-treatment of waste electrical and electronic equipment [WEEE] (including waste electrical and electronic equipment containing ozone depleting substances [ODS-WEEE]) shall be undertaken on impermeable pavement provided in accordance with condition 2.1 Destruction of waste electrical and electronic equipment carcasses containing ozone depleting substances shall be undertaken in a contained environment
R4 Recycling / reclamation of metals and metal compounds		
R5 Recycling / reclamation of other inorganic compounds		The capacity of the site for hazardous waste subject to a R5 activity shall not exceed 10 tonnes per day
R 13 Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	All Wastes	Storage prior to pre-treatment of WEEE and ODS-WEEE shall be undertaken on impermeable pavement provided in accordance with condition 2.1 Free storage shall not exceed a maximum storage height of 3.5 metres or 2 units high Palletised or racked storage - individual storage shall not exceed a maximum height of 5 metres high per pallet or shelf
D15 Storage of wastes pending , on this site any of the category "D" operations authorised under this column, or elsewhere than on this site, any of the operations listed in part III of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced		WEEE, disassembled spare parts, components or residues must be stored on an impermeable surface disassembled spare parts containing liquids shall be stored in appropriate containers Batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated, labelled appropriate containers.

Note: References in the first column to classifications of specified waste management operations using 'D' and 'R' codes are as listed in Annex IIA and Annex IIB of Council Directive 75/442/EEC of 15th July 1975 on Waste (as amended)

1.1.2

The storage (including temporary storage) and treatment of WEEE shall be carried out in accordance with the technical requirements of Annex III of the WEEE Directive.

WEEE shall be treated using best available treatment, recovery and recycling techniques (BATRRRT) in accordance with "Guidance on Best Available Treatment Recovery and Recycling Techniques (BATRRRT) and treatment of Waste Electrical and Electronic Equipment (WEEE)" published by the Department of Environment, Food and Rural Affairs.

Where the full treatment of WEEE takes place on site the substances, preparations and components listed in Annex II of the WEEE Directive (Appendix B to this licence) must be removed.

All fluids contained within WEEE shall be removed if the WEEE is to be treated on site.

The following components of WEEE have to be treated as indicated:

- Cathode ray tubes: The fluorescent coating has to 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 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer;
- Gas discharge lamps: the mercury shall be removed.

The removal of coolants from air-conditioning units shall be in accordance with the "Guidance on the Recovery and Disposal of Controlled Substances Contained in Refrigerators and Freezers" published by the Environment Agency.

Arrangements shall be made to enable the measurement of the weight of all WEEE treated at the site.

Specified Waste Management Operations and Exempt Waste Management Operations

- 1.1.3 Where wastes are being brought onto the site for waste management operations which are exempt from licensing under the 1994 Regulations, then the wastes which are subject to the specified waste management operations shall be kept clearly segregated and identified from those wastes which are being kept on the site for the exempt waste management operations.

1.2 **Permitted wastes**

Permitted categories and types of wastes

- 1.2.1 No wastes shall be accepted at the site other than waste refrigeration equipment or waste electrical and electronic equipment which are within the categories specified in Table 1.2 and waste types specified in Appendix A

Table 1.2. Permitted quantities of waste

Permitted Waste Categories	Maximum Permitted Quantities for each waste category subject to maximum permitted total quantity in condition 1.2.2
Household Wastes Commercial Wastes Industrial Wastes	Maximum permitted storage of waste at any one time on the site shall not exceed 400 tonnes, consisting of a maximum of 250 tonnes or 10000 units of refrigeration equipment; Electrical and electronic equipment; Residual wastes as detailed in Table 6.2

Permitted quantities of wastes

1.2.2 Whilst limited to the maximum quantities for each type of waste specified in Table 1.2, the total quantity of waste accepted at the site shall not exceed 24999 tonnes per year.

1.3 **Staffing and understanding of requirements of licence conditions**

Minimum staffing and supervision

1.3.1 Whenever the site is open to receive or dispatch wastes, or is carrying out any of the specified waste management operations, it shall be supervised by at least one member of staff who is suitably trained and fully conversant with the requirements of the licence: regarding:

- (a) waste acceptance and control procedures;
- (b) operational controls;
- (c) maintenance;
- (d) record-keeping;
- (e) emergency action plans;
- (f) notifications to the Agency

Availability of licence

- 1.3.2 A copy of this licence shall be kept available on site for reference when required by all site staff carrying out work under the requirements of the licence.

Understanding of licence

- 1.3.3 All site staff shall be, or shall work under the direct supervision of a member of staff who is, fully conversant with those aspects of the licence conditions which are relevant to their specific duties.

1.4 Changes in technically competent persons

- 1.4.1 Any changes in the technically competent management of the site, the name of any incoming person and evidence that such a person has the required technical competence, shall be submitted to the Agency in writing within 5 working days of the change in management. Technically competent management and technical competence shall be as defined under section 74 of the Environmental Protection Act 1990 and Regulations 4 and 5 of the 1994 Regulations, and any subsequent amendments to the Act or Regulations.

1.5 Relevant convictions

Notification of relevant convictions

- 1.5.1 In the event of the Licence Holder and/or any relevant person being convicted of any relevant offence and which is in addition to any already notified to the Agency, then full details shall be provided to the Agency within 14 days following sentencing, whether or not the conviction or sentence is subsequently appealed. Such details shall include, in respect of each relevant person (as defined in section 74(7) of the Environmental Protection Act 1990 or any subsequent amendments to that section), the nature of the offence, the place and date of conviction, and any fine or other penalty imposed.

Notifications of appeals against convictions

- 1.5.2 In the event that the Licence Holder and/or any relevant person lodges an appeal against any such conviction or sentence, the Licence Holder shall notify the Agency of this within 14 days of the lodging. The Licence Holder shall notify the Agency of the results of that appeal within 14 days of the appeal being decided.

1.6 Notification of change of operator's or holder's details

- 1.6.1 The following information shall be notified in writing within 5 working days to the Agency:

- (a) where the Licence Holder is an individual or named individuals:
- i** where the Licence Holder consists of more than one named individual, the death of any of those individuals;
 - ii** any change in the Licence Holder's name(s) or address(es);
 - iii** any steps taken with a view to the Licence Holder, 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;
 - iv** of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder); or
- (b) where the Licence Holder is a registered company:

- i any change in the Licence Holder's trading name, registered name or registered office address;
 - ii any steps taken with a view to the Licence Holder going into administration, entering into a company voluntary arrangement or being wound up;
 - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder); or
- (c) where the Licence Holder is a corporate body other than a registered company:
- i any change in the Licence Holder's name or address;
 - ii any steps taken with a view to the dissolution of the Licence Holder;
 - iii the operator at the time of issue of the licence and of any change in the operator or in the operator's trading name, address, registered name or registered office address (if different from the Licence Holder)

1.7 Notification of preparatory works

1.7.1 No preparatory works shall be undertaken until at least 7 days prior notice in writing has been given to the Agency of the intention to do so. The notification shall include details of what work is being done and when.

1.8 Notification of commencement, cessation and resumption of waste storage operations

Specified waste management operations

1.8.1 No specified waste management operation shall be carried out until at least 7 days prior notice in writing has been given to the Agency of the intention to commence carrying out the specified waste management operation.

Cessation and resumption of specified waste management operations

1.8.2 In the event that the site ceases receiving wastes for longer than 21 days then, within 7 days following the elapse of that time, the Licence Holder shall inform the Agency in writing of the date of cessation and of the planned date of resumption. In the event that it is intended that the site shall recommence receiving wastes sooner than the notified date then they shall give the Agency not less than 7 days prior notice in writing.

1.9 Notifications and submissions to Agency

1.9.1 Except where otherwise specified, all notifications and submissions to the Agency under the requirements of these licence conditions:

- (a) shall be made in writing to the address specified by the Agency in writing at the time of issue of this licence, or as subsequently specified by written notification to the Licence Holder;
- (b) shall quote the licence reference number and the name of the Licence Holder.

2 **Site engineering for pollution prevention and control**

2.1 **Site Surfacing and drainage**

Provision and maintenance of site surface

- 2.1.1 Waste shall only be deposited, stored, treated or otherwise handled in any area of the site, where the appropriate site surface for that area is provided in accordance with condition 2.1.2 and Table 1.1
- 2.1.2 The site surface shall be designed, constructed, inspected, validated and maintained, and shall be fully documented and recorded, to be fit for purpose, and, where provided, to meet the standards specified in Table 2.1 below.

Table 2.1 Site containment and drainage standards

Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
Hardstanding	Areas of hardstanding shall be constructed of granular material (e.g. crushed stone, aggregate, road planings or other similar material) and maintained such that the working surface: <ol style="list-style-type: none">1. shall remain even2. shall not be subject to settlement3. shall not be subject to rutting by vehicles even when wet4. shall have sufficient durability to allow cleaning for example by scraping5. shall remain free of standing water.
Impermeable pavement, bunding and sills	Areas of impermeable pavement, bunding and sills shall be constructed and maintained so as to prevent fluids running off the pavement and the transmission of fluids through the pavement or joints.
Sealed drainage systems	Drainage to areas of impermeable pavement shall be provided by a sealed drainage system, that is comprised of a drainage system with impermeable components which does not leak and which will ensure that :- <ol style="list-style-type: none">1. no liquid will run off the pavement otherwise than via the system; and2. except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump.3. sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of its capacity as measured using a dipstick or equivalent gauge, and constructed and maintained so as to collect and contain all liquids which run off the pavement;4. Inspections and emptying of sealed sumps shall be recorded in the site diary.5. Uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.
Covered buildings or roofed areas	Where wastes are stored in a building or roofed area: <ol style="list-style-type: none">1. The building or roofed area shall be designed, constructed and maintained to prevent ingress of rain and surface water.2. Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or foul sewer.
Fixed bays and other fixed containers	All fixed bays and other fixed containers used for the storage and treatment of wastes must be constructed and maintained to a standard which is fit for purpose.
Storage areas for skips, drums and other mobile tanks and containers	All skips, drums and other mobile tanks and containers having individual capacities of greater than 10 litres which are used for the storage and treatment of wastes shall be constructed and maintained so that they do not leak any liquids contained in them.
Inspection and maintenance of engineered containment	All areas of hardstanding, impermeable pavement, sealed drainage systems, covered buildings, roofed areas, fixed bays and other containers, and storage areas for skips, drums and other mobile tanks and containers: <ol style="list-style-type: none">1. shall be inspected no less frequently than monthly, to ensure the continuing integrity and fitness for purpose of their construction, and the inspection and any necessary maintenance shall be recorded in the site diary; and2. in the event of any damage occurring which breaches the integrity of the engineered containment so that it no longer meets the specified standards, the Licence Holder shall cease importing waste into or treating waste in the affected area, shall notify the Agency immediately, and shall not recommence importing waste into or treating waste in the affected area until it has been repaired to a standard at least as good as the original specification.

Construction quality assurance of new site containment and drainage systems

2.1.3 No wastes shall be deposited, stored, treated or otherwise handled in any area for which an engineered site containment and drainage system is to be newly constructed to meet the requirements of this condition unless:

- (a) details of the identities, relevant experience and relevant qualifications of the personnel who will be providing Quality Assurance of the engineered site containment and drainage systems have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- (b) the engineered site containment and drainage system has been constructed in accordance with the other requirements of condition 2.1;
- (c) the Validation Report on the construction of the engineered site containment and drainage system has been submitted in writing to the Agency, and the Agency has confirmed in writing that it has no objection to the placement of wastes on that containment area.

Construction quality assurance of existing site containment and drainage systems

2.1.4 No wastes shall be deposited, stored, treated or otherwise handled in any area for which a previously constructed and existing engineered site containment and drainage system is being used to meet the requirements of this condition unless:

- (a) details of the construction and maintenance of the engineered site containment and drainage system have been submitted in writing to the Agency and acknowledged in writing by the Agency;
- (b) the existing engineered site containment and drainage system shall be demonstrated to be fit for purpose in that:
 - i areas of impermeable pavement are laid to take the weight of relevant vehicles, plant and equipment without cracking or breaking; and
 - ii areas of impermeable pavement are free from cracks which could reduce impermeability; and
 - iii areas of impermeable pavement are resistant to mechanical, physical and chemical stresses to which they may be subjected; and
- (c) areas of impermeable pavement fall towards the drainage system to prevent ponding; and
 - i no liquid will run off areas of impermeable pavement other than via the drainage system; and
 - ii the drainage system is sealed so that it does not leak and is capable of collecting and containing liquids draining from the impermeable pavement; and
 - iii liquid from the drainage system is disposed of to an approved discharge.
- (d) the existing engineered site containment and drainage system shall be maintained in accordance with the requirements of Table 2.1.

3 Site infrastructure

3.1 Provision of site identification board

- 3.1.1 No wastes shall be received at the site until an identification board has been provided at or near the site entrance.
- 3.1.2 The identification board shall be inspected at least once per week. In the event of damage or defect, the board shall be repaired or replaced within 1 week.
- 3.1.3 The board shall be easily readable from outside the site entrance in daylight hours, and shall display the following information:
- (a) Site name and address;
 - (b) Licence Holder name (company name, not individual name unless justified as necessary);
 - (c) Operator name (company name, not individual name unless justified as necessary);
 - (d) Licence number;
 - (e) Emergency contact name and telephone number;
 - (f) Statement that the site is licensed by the Environment Agency;
 - (g) Agency national numbers, for General Enquiries 08708 506 506 and Emergencies 0800 807060, or as subsequently notified in writing by the Agency;
 - (h) Days and hours site is open to receive waste, which information shall be in accordance with the relevant planning permission.

3.2 Site security

- 3.2.1 Site security systems shall be provided at all times during the subsistence of this licence, the objective of which shall be to prevent access by humans, and livestock, which is not authorised either by the Licence Holder or under legal powers of entry. These shall be installed, operated and maintained, and shall be fully documented and recorded, in accordance with the requirements specified in Table 3.1 below:

Table 3.1 Site security system standards	
Site security system	Specified standards
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
Design standards	Unless otherwise agreed in writing by the Agency, this shall consist of a chainlink security fence at least 1.8 metres high around the perimeter of the site, which shall meet the standards specified in British Standard BS1722, or an agreed alternative, and shall have a lockable gate to at least the same height and standard at the site access.
Operational standards	The site shall be kept closed and secure at all times when unattended.
Maintenance standards	The site security shall be fully inspected at the commencement of each working day. Any defects or damage shall be made secure by temporary repair by the end of the working day, and shall be repaired within 7 working days of the damage being detected. All inspections, defects, damage and repairs shall be recorded in the site diary.

4 **Site operations**

4.1 **Control of mud and debris and loose waste**

Prevention of mud, debris and loose waste on road

4.1.1 Whenever the site is receiving or despatching wastes, measures shall be provided, operated and maintained, with the objective of preventing the deposit or tracking of mud or debris arising from the site onto public areas outside the site, which shall include public highways and areas of public access.

4.1.2 All vehicles leaving areas of the site which are operational or upon which engineering works are being carried out shall, before leaving the site, be cleaned as necessary and shall be checked to ensure that they are clear of loose waste and that their loads are secure.

Remediation of mud, debris and loose waste on road

4.1.3 In the event that mud, debris or loose waste arising from the site is deposited or tracked onto public areas outside and in the vicinity of the site, the following remedial measures shall be implemented immediately:

- (a) the affected public areas outside the site shall be cleaned
- (b) traffic shall be isolated from sources of mud, debris and loose waste within the site to prevent further tracking, and measures shall be taken to clear any such sources as soon as practicable.

4.2 **Leaks and spillage**

Potentially polluting leaks and spillage from vehicles, plant and equipment

4.2.1 All plant and all equipment used on the site in connection with specified waste management operations, shall be operated and maintained with the objective of preventing potentially polluting leaks and spillage of wastes.

Potentially polluting leaks and spillage from tanks, drums and other mobile containers

4.2.2 Each tank, drum or other mobile container used to hold wastes permitted under condition 1.2, shall be, while on the site:

- (a) loaded and unloaded;
- (b) filled and emptied;
- (c) clearly and unambiguously labelled regarding its contents, unless the contents are clearly identifiable by visual inspection;
- (d) inspected and maintained according to documented and recorded maintenance schedules and procedures;
- (e) in the event of damage or deterioration to a container that is, or is likely to cause, a leak, that container shall be repaired or replaced immediately;

in accordance with the standards specified in Table 4.1 below.

Control and Remediation of leaks and spillage

- 4.2.3 In the event of any potentially polluting leak or spillage occurring on site, documented control and remediation procedures shall be implemented immediately and recorded, and shall meet the standards specified in Table 4.1 below:

Table 4.1 Standards for prevention and control of leaks and spillages	
Action	Specified standards
a) Loading and unloading waste refrigeration equipment	Loading and unloading of waste refrigeration equipment shall be undertaken in a manner to prevent damage.
b) Inspection and maintenance of containers	Containers for storage of refrigerants and compressors shall be inspected daily for leaks. Containers found to be leaking either shall be immediately transferred to a larger over-container or shall have their contents immediately transferred to an alternative container.
c) Control and remediation of leaks and spillage	Minor spillage shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids. Where major spillage occur which are causing or are likely to cause polluting emissions to the environment: immediate action shall taken to contain the spillage and prevent liquid from entering surface water drains, water courses and unsurfaced ground; the spillage shall be cleared immediately and placed in alternative sealed containers; the Agency shall be informed immediately.

4.3 **Fires on the site**

Prohibition of fires on site

- 4.3.1 No wastes shall be burned on the site under the terms of this licence.

Actions to be taken in the event of a fire

- 4.3.2 In the event of a fire on the site, notwithstanding the implementation of actions to suppress and extinguish the fire, the following actions shall be implemented immediately and recorded in the site diary:
- (a) the Agency shall be informed immediately of the fire; and
 - (b) so far as practicable, contaminated site drainage shall be prevented from entering any surface water drain or watercourse or unsurfaced ground.

5 **Waste acceptance and control procedures**

5.1 **Waste acceptance procedures**

5.1.1 All wastes received at the site shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation.

5.1.2 All wastes shall be kept separate from and shall not be mixed with other wastes until they have been confirmed and recorded for acceptance at the site.

5.1.3 Storage areas and containers shall be clearly defined and labelled to identify the wastes stored within them.

5.2 **Waste control procedures**

5.2.1 Any non-permitted waste which is detected after acceptance at the site shall be quarantined immediately in clearly designated areas and the Agency shall be informed immediately.

5.2.2 Any quarantined waste shall be removed from site within 28 days.

5.2.3 A record shall be kept in the site diary of all rejected wastes.

5.3 **ODS WEEE**

5.3.1 Any refrigeration equipment containing ODS shall be pre-treated such that the cooling system is drained of all gases and compressor oil to the standards in condition 6.1.

5.3.2 A record shall be kept in the site diary of all pre-treated wastes.

5.4 **Fridge Dismantling**

5.4.1 The dismantling of the fridge carcass into panels for storage shall only be undertaken in accordance with a written method statement which shall include

- (a) an assessment of the amount of "controlled substance" released
- (b) precautionary measures taken to minimise the release of "controlled substance"
- (c) proposed equipment and techniques

5.4.2 The written method statement shall be approved in writing by the Agency before any dismantling takes place.

5.4.3 A record shall be kept in the site diary of all dismantled wastes.

5.5 **WEEE dismantling**

5.5.1 The dismantling of WEEE for storage shall only be undertaken in accordance with a written method statement which shall include

- (a) an assessment of the amount of "controlled substance" released
- (b) precautionary measures taken to minimise the release of "controlled substance"
- (c) proposed equipment and techniques

5.5.2 The written method statement shall be approved in writing by the Agency before any dismantling takes place.

5.5.3 A record shall be kept in the site diary of all dismantled wastes.

5.6 **Waste despatch procedures**

5.6.1 All outgoing wastes shall be inspected prior to despatch to confirm their description and composition against the relevant waste transfer note and other accompanying documentation

5.6.2 All outgoing wastes identified in condition 5.6.1 shall be kept separate from and shall not be mixed with other wastes

5.6.3 All outgoing wastes shall be recorded in accordance with the standards specified in Table 6.3 below.

6

Long term provisions

6.1 Discontinued operations

6.1.1 In the event that the specified waste management operations on the site cease and the Agency has reasonable grounds to believe that they will not be resumed within 2 months, then, notwithstanding the operational limits on storage times of wastes specified in the other conditions of this licence, the licence holder shall ensure that all wastes remaining on the site shall be removed by the date specified by the Agency in writing. This shall include, where required by the Agency, clearing of plant, equipment and engineered containment used in the specified waste management operations, and emptying or any sealed sumps or interceptors.

6.2 Pre-destruction processing

6.2.1 All refrigeration units shall be drained of free water prior to treatment or destruction.

6.2.2 ODS WEEE units shall not be stored for greater than 1 month unless the refrigerant and lubricant has been removed

- a) in a manner to ensure fugitive emissions from the degassing of the refrigeration cooling system are collected and
- b) in accordance with Table 6.2 below

Table 6.2 Pre-destruction processing

Stage of treatment process	Specified standards
Removal of refrigerant and lubricant	Drainage of the refrigeration cooling system shall be undertaken in a manner that: Results in removal of 99% of the oil and refrigerant from the cooling circuit and compressor being collected and stored in a sealed container
Processing of lubricating oil	Upon removal of compressor oil from the cooling system: (a) The compressor oil shall be processed to ensure that the concentration of refrigerant in the oil is <0.9% w/w; or (b) It shall be placed immediately in a suitable sealed container to prevent fugitive emission of controlled substances
Removal of compressor	Following the drainage of the cooling system the compressor unit shall be removed from the refrigerator unit and placed into a sealed container

6.3 Removal of residual wastes from the site

6.3.1 All wastes produced as a result of treatment or pre-treatment at the site shall be stored, handled, kept and recorded in accordance with the standards specified in Table 6.3 below

Table 6.2. Permitted quantities of residual waste

Residual Material	Permitted Waste Categories)	Maximum Permitted Quantities for each waste category	Maximum Permitted storage times for each waste category
Compressor oil	13 02 08* other engine, gear and lubricating oils	10000 Litres	1 year
Refrigerants	14 06 01* Chlorofluorocarbons, HCFC, HFC	2000 Kg	1 year
HC refrigerants	14 06 03* other solvents and solvent mixtures		
Spent Activated carbon	06 13 02* spent activated carbon (except 06 07 02)	2 Tonnes	1 year
Mercury switches	19 10 05* other fractions containing dangerous substances	2000 Kg	1 year
Transformers and capacitors	16 02 09* transformers and capacitors containing PCBs	2tonne	1year
Gas discharge lamps	16 02 15* hazardous components removed from discarded equipment	The total quantity of any combination of wastes, (Residual Materials 7-18) shall not exceed a maximum of 150 tonnes	1 year
Toner cartridges, liquid crystal displays etc	16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15		1 year
Polyurethane Foam Plastic and Rubber	19 12 04 rubber and plastic		1 year
Ferrous metal	19 10 01 iron and steel waste		1 year
Non-ferrous metal	19 10 02 non-ferrous waste		1 year
Glass	19 12 05 glass 20 01 02 glass		1 year
Other wastes (Loose material shall be stored in suitable containers provided in accordance with condition 2.1)	19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11		1 year
Other fractions	19 10 06 other fractions other than those mentioned in 19 10 05		1 year
Fluorescent tubes	20 01 21* fluorescent tubes and other mercury-containing wastes		1 year
Batteries	20 01 33* batteries and accumulators included in 16 06 01, 16 06 02 or 16 03 03 and unsorted batteries and accumulators containing these batteries		1 year
	20 01 34 batteries and accumulators other than those mentioned in 20 01 33		
Waste food (Food wastes shall be placed into bags and stored in suitable containers provided in accordance with condition 2.1)	20 01 08 biodegradable kitchen and canteen waste		2 weeks
Packaging	20 01 01 paper and cardboard		1 year
	15 01 06 mixed packaging		

Amenity management and reporting

7.1 Monitoring and control of odorous emissions

- 7.1.1 Throughout the operational life of the site, measures to monitor, control and minimise the emission of odours from the site shall be carried out to meet the standards specified in Table 7.1. Such measures shall prevent releases in such quantities or concentrations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 7.1 Standards for monitoring and control of emissions of odours

Monitoring of odorous emissions	Olfactory monitoring of aerial emissions from the site shall be carried out: <ol style="list-style-type: none"> 1. by the site manager or supervisor, at least twice per day, at the site boundary situated downwind of the waste operations, and shall be recorded in the site diary; and 2. by site staff supervising individual waste handling operations, during the carrying out of those operations.
Odorous emissions action plan	<ol style="list-style-type: none"> 1. On detection or notification of aerial emissions of odour that are or are likely to be transported beyond the site boundary, at such levels that they are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality, immediate action to be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste. 2. The incident and the remedial action shall be recorded in the site diary.

- 7.1.2 All emissions to air from the specified waste management operations on the site shall be free from odours at levels as are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality outside the site boundary, as perceived by an authorised officer of the Agency.

7.2 Monitoring and control of pest infestations

- 7.2.1 Throughout the operational life of the site, measures to control and minimise pests on the site shall be carried out, in accordance with the standards specified in Table 5.2. Such measures shall prevent pest infestations that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 7.2 Standards for monitoring and control of pest infestations

	Specified standards
Monitoring of pest infestations	An inspection of stored wastes for pest infestations shall be carried out at least at weekly intervals by the site supervisor, and shall be recorded in the site diary.
Pest infestations action plan	<ol style="list-style-type: none"> 1. On detection or notification of pest infestations, immediate action shall be taken to secure the attendance of a professional pest control contractor, to eliminate the pest infestation. 2. The incident and the remedial action shall be recorded in the site diary.

7.3 Control of litter

- 7.3.1 Measures shall be implemented and maintained throughout the operational life of the site to prevent the escape of litter from the confines of the site.
- 7.3.2 In the event that litter does escape from the site, it shall be retrieved as soon as practicable and no later than 1 hour after the end of the working day.

Pre-destruction processing (stage 1)

Pre-destruction processing

- 8.1.1 The pre-destruction processing of refrigeration units shall be undertaken;
- (a) in manner to ensure fugitive emissions from the degassing of the refrigeration cooling system are collected
 - (b) Non ODS WEEE refrigeration units shall be processed in accordance with BATRRT guidance of condition 1.1.2;
 - (c) ODS WEEE units shall be processed in accordance with table 8.1 below;

Table 8.1 Pre-destruction processing for all refrigeration units

Stage of treatment process	Specified standards
a) Removal of switches	Switches containing mercury or other components containing hazardous components shall be removed from the unit and placed in a suitable container prior to unit destruction.
b) Removal of accumulated water	All refrigerator units shall be drained of free water prior to destruction
c) Waste water	All waters generated from the processing of the refrigeration unit shall be collected and stored in a sealed container to prevent fugitive emission of controlled substances prior to disposal
d) Removal of refrigerant and compressor oil	Drainage of the refrigeration cooling system shall be undertaken in a manner that: Results in removal of 99% of the compressor oil and refrigerant from the cooling circuit and compressor being collected and stored in a sealed container
e) Processing of compressor oil	Upon removal of compressor oil from the cooling system: 1. The compressor oil shall be processed to ensure that the concentration of controlled substance in the oil is <0.9% w/w; or 2. It shall be placed immediately in a suitable sealed container to prevent fugitive emission of controlled substances
f) Removal of compressor	Following the drainage of the cooling system, the compressor unit shall be removed from the refrigerator unit and placed into a sealed container

ODS WEEE Carcass Destruction (stage 2)

Atmospheric containment

- 9.1.1 The destruction of the ODS WEEE unit carcasses shall be undertaken in a contained environment to prevent fugitive losses of controlled substances.
- 9.1.2 In the event of failure of the containment or if it is breached;
- (a) Fridge ODS WEEE carcass destruction operations shall cease until action has been taken to restore atmospheric containment; and
 - (b) the Agency shall be notified immediately

Pre-destruction preparation

- 9.1.3 ODS WEEE Refrigeration units shall not be subject to the destruction process unless processed to the pre-destruction processing standards specified in condition 8.1.1 above.

Destruction standards

- 9.1.4 Residual materials specified in table 9.1 below, resulting from the destruction of refrigeration ODS WEEE unit carcasses shall not be removed from the contained environment unless they meet the specified standards in table 9.1. ODS WEEE shall also be treated in accordance with BATRRT guidance in condition 1.1.2.

Table 9.1 Standards for fridge destruction

Residual materials	Specified standards
Polyurethane foam	The quantity of residual blowing agent remaining in the polyurethane foam shall not exceed: 0.5% w/w where foam is stored in a contained environment subject to further recovery or destruction 0.2% w/w in other cases

Commissioning Requirements

- 9.1.5 Prior to commissioning of the equipment, the operator shall submit in writing to the Agency, a commissioning plan. The commissioning plan shall demonstrate how the proposed operations will meet the requirements of table 9.2;

Table 9.2 Requirements for commissioning plan

Commissioning monitoring and sampling records	Specified requirements
Quality assurance of monitoring and sampling	<ol style="list-style-type: none">1. Monitoring shall only be carried out by suitably competent/qualified staff.2. Validation of results shall be carried out by an adequately experienced engineer Monitoring equipment shall be calibrated and serviced in accordance with the manufacturer's recommendations.
Making of records	Records shall include the following: <ol style="list-style-type: none">1. Specified details of measurements/samples to support analytical and QA requirements; including. dates, times, locations, personnel undertaking monitoring;2. Results of measurements/sample analyses, with error limits;3. Interpretation and review of results;4. Validation of accuracy and validity of results, by designated quality assurer.
Determinands monitored / sampled	Records shall include the following: <ol style="list-style-type: none">1. the numbers and unit types destroyed2. the actual quantity of blowing agent collected3. results of testing of residual materials to meet the specified standards in table 9.14. quantities of residual materials as specified in table 6.2.5. a record of the emissions monitoring system results6. details of the identities, relevant experience and relevant qualifications of the personnel providing commissioning validation

9.1.6 Following completion of commissioning operations, a validation report shall be submitted to the Agency in accordance with the requirements of the commissioning plan.

9.1.7 Destruction operations shall not commence until the commissioning validation report has agreed in writing by the Agency.

Destruction Process Monitoring

- 9.1.8 Samples of the residual materials listed in table 9.1 shall be;
- (a) subjected to independent conformance testing for a minimum of 50,000 units destroyed; or monthly, whichever is the sooner;
 - (b) the operator shall provide the Agency with 48 hours notice of the sampling exercise being undertaken; and
 - (c) The results of the destruction process monitoring shall be forwarded to the Agency within 1 month of the sampling exercise being undertaken.

Emissions Control

Emissions limits

- 10.1.1 Controlled substances resulting from the destruction process shall be collected and, where discharged to atmosphere, shall not exceed the limits specified in table 10.1 below.

Table 10.1 Emission Limits of Controlled Substances	
No of Refrigeration units processed per hour	Emission limits
<100 units	5g per hour
>100 units but <200 units	10g per hour
>200 units but <300 units	15g per hour
>300 units but <400 units	20g per hour
>400 units	30g per hour

Emissions Monitoring

- 10.1.2 The emission control system shall be monitored on a continuous basis to ensure compliance with the limits specified in table 10.1 above.
- 10.1.3 Samples shall be collected from the emission control system exhaust and
- subjected to independent conformance testing for a minimum of 50,000 units destroyed; or monthly, whichever is the sooner; and
 - the operator shall provide the Agency with 48 hours notice of the sampling exercise being undertaken
 - a copy of each sampling result shall be submitted to the Agency within 1 month of the monitoring exercise being undertaken.

Emissions Action Plan

- 10.1.4 In the event of any emissions exceeding the specified standards in table 10.1 above;
- Refrigerator unit ODS WEEE carcass destruction operations shall cease until remedial action has been taken to meet the specified standards and
 - the Agency shall be notified immediately

11 Site records

11.1 Security and availability of records

Security of records

- 11.1.1 All records which are required to be made under the conditions of this licence shall be maintained and kept secure from loss, damage or deterioration, and shall be kept in accordance with the requirements specified in Table 11.1 below.

Availability of records

- 11.1.2 All records which are required to be made under the other conditions of this licence shall be made available for inspection at the place where they are kept immediately when required by an authorised officer of the Agency.

Table 11.1 Standards for keeping of site records

Site records	Specified standards
Wastes accepted at the site; Wastes rejected. Wastes despatched from the site; Site diaries.	1. All records shall be stored either: a) on paper in a secure cabinet or cupboard; or b) on computer disc with a back up copy. 2. Records shall be kept for a minimum of two years.

11.2 Records of waste movements

Recording of wastes accepted and removed

- 11.2.1 A record shall be kept of all wastes received and all wastes removed from site. The records shall include the following for each vehicle load of waste:

For the waste received

- (a) Origin of waste
- (b) Unit types and quantities (numbers of ODS WEEE refrigerator units and whether units contain refrigerant and/or compressor) types and quantities of waste electrical and electronic equipment;
- (c) Date processed in accordance with Table 6.1
- (d) Date received
- (e) Quantities in tonnes/or units received and waste type
- (f) Nature of the waste (solid, liquid or sludge)

For the waste removed

- (g) date removed
- (h) quantities in tonnes/or units removed and waste type
- (i) destination of waste removed
- (j) nature of the waste (solid, liquid or sludge)

11.3 Site diary

11.3.1 A site diary shall be kept secure and shall be available for inspection at the site when required by an authorised officer of the Agency. This shall include a record of the following events, in accordance with the other conditions of this licence:

- (a) construction work
- (b) maintenance
- (c) breakdowns
- (d) emergencies
- (e) problems with waste received and action taken
- (f) site inspections and consequent actions carried out by the operator
- (g) technically competent management attendance on site: the date and the time onto site and the time left site
- (h) despatch of records to the Agency
- (i) severe weather conditions
- (j) complaints about site operations and actions taken
- (k) environmental problems and remedial actions

Each record shall be completed within 24 hours of the relevant event.

Records

Records of unit destruction

- 12.1.1 A record of each unit's destruction shall be maintained. This record shall include the following details:
- (a) unit type
 - (b) blowing agent type
 - (c) date of destruction
- 12.1.2 The quantity of refrigerant and blowing agent recovered shall be recorded on a monthly basis. This record shall include the following details:
- (a) quantity and type of refrigerant collected
 - (b) quantity and type of blowing agent collected
 - (c) the number of each units types processed and destroyed

Residual wastes removed

- 12.1.3 A record shall be kept of residual wastes removed from the site. This record shall include the following details.
- (a) date and time removed
 - (b) destination
 - (c) types and quantity of wastes as specified in table 6.2

Summary records of wastes processed, removed and efficiency monitoring

- 12.2 A summary record of the waste types and quantities accepted, removed, processed and residual waste produced from the site shall be made for each quarter of the financial year and shall be submitted to the Agency within one month of the end of that quarter. The summary record shall be in the format detailed in Appendix C or otherwise subsequently specified by the Agency in writing.

Interpretation

In these conditions and their interpretation, unless the context otherwise requires, the following terms have the specified meanings:

"accepted"

for waste being delivered to the site, shall mean accepted as waste input to the site for storage and/or processing and/or disposal under the specified waste management operations;

"authorised officer of the Agency"

means any person(s) authorised in writing by the Agency pursuant to section 108(1) of the 1995 Act to exercise any of the powers specified in subsection (4) of that section;

"chlorofluorocarbons"

(CFCs) means the controlled substances listed in Group I of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers.

"Contained environment"

means an environment where there is atmospheric containment. This includes where air egress may only be facilitated through air extraction and controlled substance capture systems.

"controlled substances"

means chlorofluorocarbons, other fully halogenated chlorofluorocarbons, halons, carbon tetrachloride, 1,1,1-trichloroethane, methyl bromide, hydrobromofluorocarbons and hydrochlorofluorocarbons, whether alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed. This definition shall not cover any controlled substance which is in a manufactured product other than a container used for the transportation or storage of that substance, or insignificant quantities of any controlled substance, originating from inadvertent or coincidental production during a manufacturing process, from unrated feedstock, or from use as a processing agent which is present in chemical substances as trace impurities, or that is emitted during product manufacture or handling,

"Destruction"

includes crushing, milling, shredding and pulverising to render the fridge unit carcass into its constituent materials

"engineered"

for works specified in these conditions, means carried out and completed using the relevant engineering process specified in these conditions;

"engineering"

for engineering works specified in these conditions, means the relevant process of design, construction or installation, quality assurance or validation or commissioning specified in these conditions;

"fridge" and "refrigeration equipment"

means any WEEE that may contain ODS

"fugitive emissions"
means uncontrolled emissions

"fugitive material"
means uncontrolled emissions

"hydrochlorofluorocarbons"
(HCFCs) means the controlled substances listed in Group VIII of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers,

"hydrobromofluorocarbons"
means the controlled substances listed in Group VII of Annex I of Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer, including their isomers,

"immediately"
for carrying out of actions under the conditions, shall mean without delay and within a reasonable time, taking into account any more immediate direct action necessary to prevent or minimise risk to human health and the environment. For carrying out notifications to the Agency, shall also mean by the fastest effective means available (for example, telephone) and confirmed in writing within 1 working day (or such other time as may be agreed by the Agency within the conditions);

"loose material"
includes shelves, baskets and internal doors (where practicable) etc;

"maintenance"
for engineering maintenance specified in these conditions, means the process of inspection, testing, repair of the relevant engineering works specified in these conditions;

"ODS WEEE"
means any WEEE that contains more than 0.9%w/w of ODS in the cooling fluid or >0.2%w/w ODS in the polyurethane foam insulation

"ozone depleting substances"
(ODS) see 'controlled substances'

"pre-treatment"
includes the removal of foodstuffs and loose material, cleaning, removal of doors. Pre-treatment does not include any processes for the separation of foam from other materials.

"probability"
means the quantified expression of chance, denoted either as:
a) the ratio or percentage of the occurrence of a particular event as one among a number of possible events;
b) or as the frequency of occurrence of a particular event in a given period of time;

"received"
for waste being delivered to the site, shall mean delivered to the site and undergoing the waste acceptance procedures, including storage of those wastes during those procedures prior to acceptance of the waste;

"refrigerant"

see **"controlled substances"**

"relevant offences"

are offences within the meaning of regulation 3 of the Waste Management Licensing Regulations 1994 or any statutory provisions or regulations amending or replacing them;

"residual materials"

Means both materials and wastes resulting from the specified operations;

"risk"

means a combination of the probability and consequences of occurrence of a defined hazard;

evaluation of the potential magnitude of those consequences and the probability of their occurrence;

"sealed container"

means a container which does not permit either the ingress or egress of liquids, or the escape of dusts or wastes contained within it;

"specified waste management operations"

means the waste management operations authorised by condition 1.1 of this licence;

"surface water"

means any lake, pond, river or watercourse whether natural or artificial;

"the 1994 Regulations"

means the Waste Management Licensing Regulations 1994 and any statutory provisions or regulations amending or replacing them;

"the Agency"

means the Environment Agency;

"the Licence Holder"

means the Licence Holder specified in this licence or other person to whom the licence has been transferred in accordance with section 40 of the Environmental Protection Act 1990;

"the operator"

means a person who is in occupation of the site and has responsibility for carrying out day to day activities at the site;

"the site"

means the land, structures, plant and equipment to which this licence relates;

"time periods, e.g. annually, quarterly, monthly, per year, etc. "

Where periods are referred to in conditions, they shall be calculated in the following way:

- annually or per year: 1 April to 31 March;
- quarterly: 1 April to 30 June, 1 July to 30 September, 1 October to 31 December, 1 January to 31 March;
- monthly: calendar month;
- weekly: Monday to Sunday.

Where the issue of the licence does not coincide with the start of any of these periods, then any relevant limits for the first period shall apply pro rata;

“treatment”

includes draining of refrigerant and oil, removal of compressors etc and dismantling for storage. Treatment does not include any processes for the separation of foam from other materials.

“unit type”

means of Type 1 (small domestic type refrigerator or freezer, 180 litres capacity or less [average weight 25kg]),

Type 2 (medium domestic type refrigerator, freezer or fridge/freezer, 180 to 350 litres [average weight 40kg]),

Type 3 (large domestic type refrigerator, freezer or fridge/freezer, 350 to 500 litres capacity [average weight 60kg]) and

Type 4 (other units, for which the number and total tonnage shall be recorded);

“waste”

means controlled waste as defined in section 75(4) of the 1990 Act and the Controlled Waste Regulations 1992 or any statutory provisions or regulations amending or replacing them;

“WEEE”

means waste electrical and electronic equipment and has the meaning given by Article 3(b) of the WEEE Directive.

“WEEE Directive”

means the Council Directive 2002/96/EC on waste electrical and electronic equipment as amended by Council Directive 2003/108/EC.

Appendices to conditions

Appendix A: Permitted Wastes

APPENDIX A: Permitted Wastes		Maximum permitted quantities for each waste category
LOW Code	Description	
16 02 09*	Transformers and capacitors containing PCBs	See Table 1. 2.
16 02 10*	Discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09	
16 02 11*	Discarded equipment containing chloroflourocarbons HCFC, HFC	
16 02 13*	Discarded equipment containing hazardous components ² other than those mentioned in 16 02 09 to 16 02 13	
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	
19 10 01	Iron and steel waste	See Table 1. 2.
19 10 02	Non ferrous waste	
19 12 02	Ferrous metal	See Table 1. 2.
19 12 03	Non-ferrous metal	
19 12 04	Plastic and rubber	
19 12 05	Glass	
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	
20 01 02	Glass	See Table 1. 2.
20 01 23*	Discarded equipment containing chloroflourocarbons	
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	
20 01 39	Plastics	
20 01 40	Metals	

(*) asterisk denotes hazardous waste

(2) Hazardous components from electrical equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.

(7) Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass etc.

Appendix B: Substances, preparations and components to be removed from separately collected WEEE

1. Capacitors containing Polychlorinated biphenyls (PCB)
2. Mercury-containing components, such as switches or backlighting lamps
3. Batteries
4. 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
5. Toner cartridges, liquid and pasty, as well as colour toner
6. Plastic containing brominated flame retardants
7. Asbestos waste and components which contain asbestos
8. Cathode ray tubes
9. Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
10. Gas discharge lamps
11. 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
12. External electric cables
13. Components containing refractory ceramic fibres
14. 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
15. Electrolytic capacitors containing "substances of concern" (height > 25mm, diameter > 25 mm or proportionately similar volume)

Appendix C: Format for summary records of wastes accepted and removed

General Details	
Licence Holder	
Licence No.	
Month	
Start date (if less than a month)	
Finish date (if less than a month)	
Signature of Licence holder representative and contact details	

Quantities of residual materials from pre-destruction and destruction process		
Residual Materials	Waste Categories	Quantities
Compressor oil	13 02 08* other engine, gear and lubricating oils	Litres
Refrigerants	14 06 01* Chlorofluorocarbons, HCFC, HFC	Kg
HC refrigerants	14 06 03* other solvents and solvent mixtures	Kg
HC Blowing Agent	14 06 01* Chlorofluorocarbons, HCFC, HFC	Kg
Polyurethane Foam	19 12 04 rubber and plastic	Tonnes
Spent Activated carbon	06 13 02 spent activated carbon (except 06 07 02)	Tonnes
Ferrous metal	19 10 01 iron and steel waste	Tonnes
Non-ferrous metal	19 10 02 non-ferrous waste	Tonnes
Plastic	19 12 04 rubber and plastic	Tonnes
Rubber	19 12 04 rubber and plastic	Tonnes
Mercury switches	19 10 05* other fractions containing dangerous substances	Kg
Loose material shall be stored in suitable containers provided in accordance with condition 2.1.	19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	Kg

Destruction process efficiency monitoring	
Licence Holder	
Licence No.	
Month	
Start date	
Finish date	

Pre-destruction process efficiency monitoring	
Number of defective units (A)	
Number of ammonia units (B)	
Number of CFC units (C)	
Number of units with dual circuits (D)	
Total number of units (E)	
Actual recovery of refrigerant	Amount / unit
Tare weight of CRC R12 containers (F)	
Weight of filled containers (G)	
Total weight of CFC R12 (H)	
Av. Weight of CFC per unit [(C+D)-(A+B)]/H	

Theoretical recovery of blowing agent			
Type of unit	Number of units		
Type 1		X 240g R11/unit =	Kg
Type 2		X 320g R11/unit =	Kg
Type 3		X 400g R11/unit =	Kg
Type 4 (tonnes)			
Subtotal		Subtotal:	Kg
Theoretical anticipated value per unit For given unit type mix (=subtotal /total No. of appliances			g R11 /unit

Actual recovery of blowing agent		Amount / unit
Empty weight of CFC R11 containers	Kg	
Weight of filled containers	Kg	
Total net quantity of CFC	Kg	g / unit