

**ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37**

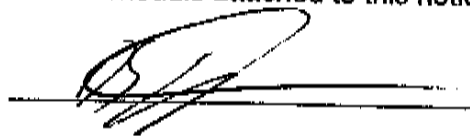
**WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION**

<p>LICENCE REF No: EAWML 40075</p> <p>LICENCE HOLDER: Aquaforce Special Waste Limited</p> <p>Aquaforce Special Waste Limited Unit 4a Sprint Industrial Estate Station Road Four Ashes Wolverhampton West Midlands WV10 7DB</p> <p>Company Registration No 03384938</p>	<p>FACILITY TYPE: A20 Metal Recycling Site</p> <p>LICENSED FACILITY:</p> <p>Aquaforce Special Waste Limited Unit 4, Sprint Industrial Estate Station Road Four Ashes Wolverhampton West Midlands WV10 7DB Grid Reference SJ 91701 08642</p>
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WHEREAS on the 30 July 2002 the Environment Agency issued a Waste Management Licence in pursuance of its powers under the Environmental Protection Act 1990 for the above named facility to you,

AND WHEREAS on the 25 February 2003, 04 December 2003 and 07 December 2005 the licence was modified

NOTICE IS HEREBY GIVEN that the Agency modifies the conditions of the said licence in accordance with Section 37(1)(b) of the Environmental Protection Act 1990 and as set out in the Schedule attached to this notice.

Signed 

Name Dirk Comerford
National Permitting Team Leader

Dated 19 December 2007

This modification shall take effect on 20 December 2007 at 00.01 hours

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



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, the conditions of a licence are modified, the licence holder 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 :-

The Planning Inspectorate
Environment Appeals Team
Room 4/19, Eagle Wing
Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

For Wales, the address is –
The Planning Inspectorate
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

Tel: 0117 372 8726
Fax: 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 any application to modify the licence

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 1 – CONDITIONS RELATING TO THIS MODIFICATION

Modification of conditions under section 37(1)(b) as follows:

Delete conditions 1.11.2 and 1.2.3 and 10.1.6 and replace with conditions 1.11.2 and 1.2.3 and 10.1.6 respectively as detailed below.

Delete tables 1.11b and 1.2.A and 10.1A and replace with tables 1.11b and 1.2.A and 10.1.A respectively as detailed below.

Add conditions 1.11.3, 1.11.4, 1.11.5, 1.11.6, 1.11.7, 1.11.8.

Add table 1.12.

Add Schedule 2.

Specified Waste Management Operations

1.11.2 No waste management operations shall be authorised by this licence unless; specified in and undertaken in accordance with the limitations in the following table; or otherwise required by the conditions of this licence as being an integral part of those operations:

Table 1.11b 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	
R4 Recycling or reclamation of metals and metal compounds.	Waste Refrigeration Equipment	i)	Treatment includes removal of food stuffs and loose material, cleaning, draining of fluids and removal of doors compressors etc prior to shredding
		ii)	All treatment and pre-treatment of refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1
		iii)	Fridge carcasses destruction shall be undertaken in a contained environment provided in accordance with section WP9 of the working plan
		Loose material and food wastes removed during treatment operations shall be stored in accordance with below;	
		i)	Loose material shall be stored in containers provided in accordance with condition 2.1
		ii)	Odorous waste including waste which is likely to become odorous shall not be stored on the site for longer than 48 hours
		iii)	Food wastes shall be placed in bags and stored in containers provided in accordance with condition 2.1
R13: Storage of waste consisting of materials intended for submission, on this site to any of the category 'R' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Part IV of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).	Waste refrigeration equipment pending inspection and processing in accordance with condition 5.1.2	i)	Storage prior to treatment of waste refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1
		ii)	Maximum storage capacity 1540m ³
		iii)	Free storage shall not exceed a maximum storage height of 3.5 metres
	Waste refrigeration equipment processed in accordance with condition 5.1.2	iv)	Palletised or racked storage shall not exceed a maximum height of 3.5 metres per pallet or shelf.

Table 1.11b 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
R13: Storage of waste consisting of materials intended for submission, on this site to any of the category 'R' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Part IV of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).	Used Aerosols	i) Waste material shall be stored in accordance with condition 2.1
	Fluorescent Tubes	ii) Storage to be confined to the areas as shown in Site Layout Plan contained within working plan section 1.4.
	Lead Acid Batteries	iii) Lead acid batteries shall be stored in containers with an impermeable, acid resistant base and a lid to prevent ingress of surface water.
	Airbags	iv) Used aerosols shall be stored in secure lockable cages.
R3: Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes	Waste Electronic Electrical Equipment	Treatment consisting only of sorting, dismantling, separation, shredding, screening, grading, baling, shearing, compacting, crushing, granulation, or cutting of waste into different components for recovery
	Fluorescent Tubes	Treatment of WEEE:
	Airbags	i) Must be carried out within a building provided with a weatherproof covering; ii) Must be carried out on an impermeable surface with sealed drainage with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers
R4 Recycling or reclamation of metals and metal compounds		
R5 Recycling or reclamation of other inorganic materials		

Table 1.11b 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
R13: Storage of waste consisting of materials intended for submission, on this site to any of the category 'R' operations authorised under this column, or elsewhere than on this site, to any of the operations listed in Part IV of Schedule 4 of the 1994 Regulations, (excluding temporary storage, pending collection, on the site where it is produced).	Waste Electronic Electrical Equipment	<p>Storage</p> <ul style="list-style-type: none"> i) WEEE, disassembled spare parts, components or residues must be stored on an impermeable surface with sealed drainage with provision of spillage collection facilities and, where appropriate, decanters and cleanser degreasers ii) WEEE, disassembled spare parts, components or residues must be stored in areas provided with a weatherproof covering where appropriate or in containers providing a weatherproof covering where appropriate; iii) Disassembled spare parts containing liquids shall be stored in appropriate containers; iv) Batteries, PCBs/PCTs containing capacitors and other hazardous wastes must be stored in dedicated, labelled appropriate containers <p>Buildings, covered areas or containers must meet the following requirements:</p> <ul style="list-style-type: none"> i) Buildings, covered areas, or containers must be designed, constructed and maintained to prevent ingress of rain and surface water; ii) Rain and uncontaminated surface water must be kept separate from contaminated water and other liquids; iii) Containers must be stored on an impermeable surface with sealed drainage <p>The capacity of the site for hazardous waste subject to a R5 activity shall not exceed 10 tonnes per day.</p> <p>Maximum storage time of 1 year prior to disposal or 3 years prior to recovery.</p>

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

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

1.11.5 As a minimum, the substances, preparations and components specified in schedule 2 shall be removed from any separately collected WEEE.

1.11.6 All fluids contained within any WEEE to be treated at the site shall be removed prior to treatment taking place.

1.11.7 Separately collected components of WEEE listed in table 1.12 shall be treated in accordance with the methods specified in that table.

1.11.8 Equipment shall be provided to record the weight of untreated WEEE accepted at, and components and materials leaving, the facility.

Table 1.12 Specified Treatment Methods for separately collected components of WEEE

Component	Specified Treatment
Cathode ray tubes.	The fluorescent coating has to be removed.
Gas discharge lamps.	The mercury shall be removed.

Permitted categories and types of waste

1.2.3 No wastes other than those which are both categorised below in Table 1.2.A and specified in detail in section 1.5 of the working plan shall be accepted at the site.

Table 1.2.A. Permitted Wastes

Permitted Waste Categories European Waste Catalogue No.	Description
08 Wastes from Manufacture, Formulation, Supply and Use (MFSU) of Coatings (Paints, Varnishes and Vitreous Enamels), Adhesives, sealants and Printing Inks	
08 03 17*	Waste printing toner containing dangerous substances
08 03 18	Waste printing toner other than those mentioned in 08 03 17*
14 Waste Organic Solvents, Refrigerants and Propellants (except 07 and 08)	
14 06 01*	Chlorofluorocarbons, HCFC, HFC
15 Waste Packaging; Absorbents, Wiping Cloths, Filter Material and Protective Clothing not otherwise specified	
15 01 04	Metallic Packaging
15 01 10*	Packaging containing residues of or contaminated by dangerous substances
16 Wastes not otherwise specified in the list	
16 01 10*	Explosive components (for example air bags)
16 02 09 ^A	Transformers and capacitors containing PCBs
16 02 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 12*	Discarded equipment containing free asbestos
16 02 13*	Discarded equipment containing hazardous components other than those mentioned on 16 02 09 to 16 02 12
16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15
16 05 04*	Gases in pressure containers (including halons) containing dangerous substances
16 05 05	Gases in pressure containers other than those mentioned in 16 05 04
16 05 07 ^A	Discarded inorganic chemicals consisting of or containing dangerous substances
16 05 08*	Discarded organic chemicals consisting of or containing dangerous substances
16 05 01*	Lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	Mercury-containing batteries
16 06 04	Alkaline batteries (except 16 06 03)
16 06 05	Other batteries and accumulators
20 Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	
20 01 21*	Fluorescent tubes and other mercury containing waste
20 01 23*	Discarded equipment containing chlorofluorocarbons

Table 1.2.A Permitted Wastes

Permitted Waste Categories European Waste Catalogue No.	Description
08 Wastes from Manufacture, Formulation, Supply and Use (MFSU) of Coatings (Paints, Varnishes and Vitreous Enamels), Adhesives, sealants and Printing Inks	
08 03 17*	Waste printing toner containing dangerous substances
08 03 18	Waste printing toner other than those mentioned in 08 03 17*
14 Waste Organic Solvents, Refrigerants and Propellants (except 07 and 08)	
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

10.1.6 The proposed change to the working plan shall not be implemented unless the Environment Agency given its written consent to it. Following consent, the Licence Holder shall give the Environment Agency prior written notification of the implementation date of the change and from that date the changed section shall be deemed to be incorporated in the working plan in replacement of the previous version of that stated.

Table 10.1.A Sections of working plan requiring prior consent for amendments

Number and Heading of Working Plan Sections and Appendices	Section, Subsections and Appendices requiring Prior Consent for Amendments
WP1 : Specified Waste Management Operations	1.5 and 1.4
WP3 : Control of Leaks & Spillages	All sections
WP8 : Pre-Destruction Processing	All sections
WP9 : Destruction of Carcasses	All sections
WP10 : Destruction Process Monitoring/QA	All sections
WP11 : Emissions Control	All sections
WP12 : Residual Waste Storage	All sections

Schedule 2 – Substances, preparations and components to be removed from separately collected WEEE

- Capacitors containing Polychlorinated biphenyls (PCB)
- Mercury-containing components, such as switches or backlighting lamps
- Batteries
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres
- Toner cartridges, liquid and pasty, as well as colour toner
- Plastic containing brominated flame retardants
- Asbestos waste and components which contain asbestos
- Cathode ray tubes
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC), hydrofluorocarbons (HFC), or hydrocarbons (HC)
- Gas discharge lamps
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimetres and all those back-lighted with gas discharge lamps
- External electric cables

Aquaforce Special Waste Limited, Unit 4A, Sprint Industrial Estate, Station Road, Four Ashes, Wolverhampton, West Midlands, WV10 7DB. EAWML/40075 Modification 4
issued 19 12 07

- Components containing refractory ceramic fibres
- 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
- Electrolytic capacitors containing "substances of concern" (height > 25mm, diameter > 25 mm or proportionately similar volume)



ENVIRONMENT
AGENCY

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

LICENCE REF No :- EA/WML/40075 FACILITY TYPE :- TRANSFER STATION

The Environment Agency, in pursuance of Part II of the Environmental Protection Act 1990, hereby grant a waste management licence authorising the Keeping and Treating of controlled waste on the land specified in schedule 1 to this licence to Aqua Force, Special Waste Limited, Unit 9, Sprint Industrial Estate, Station Road, Four Ashes, Wolverhampton, West Midlands, WV10 7DB (03384938) those 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 Unit 4, Sprint Industrial Estate, Station Road, Four Ashes, Wolverhampton, WV10 7DB (hereinafter called "the site") shown edged red on Drawing Reference Number 6J81D8NE, dated November 2001, and attached to this licence.

Signed Emily Finney
Team Leader Waste Licensing

Name Emily Finney

Dated 30 July 2002

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY.

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED OVERLEAF.

Environment Agency, Sentinel House, 9 Wellington Crescent, Fradley Park, Lichfield, Staffordshire, WS13 8BJ



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:-

The Planning Inspectorate
Room 4/19
Eagle Wing, Temple Quay House
2 The Square
Temple Quay
Bristol
BS1 6PN

For Wales, the address is – The Planning Inspectorate
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

Tel: 0117 372 8235/8812
Fax: 0117 372 6093

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

1	General considerations.....	1
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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 the following table; or
 - b otherwise required by the conditions of this licence as being an integral part of those operations;

Specified Waste Management Operation	Permitted Waste Types which may be subject to the Specified Operation	Limits on Specified Waste Management Operations
R 4 Recycling / reclamation of metals and metal compounds	Waste refrigeration equipment	<ol style="list-style-type: none"> i) All treatment of waste refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1 ii) Treatment includes the removal of foodstuffs and loose material, cleaning, draining of fluids and removal of doors, compressors etc.
R 13 Storage of wastes pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where it is produced)	Waste refrigeration equipment pending inspection and processing in accordance with condition 5.1.2	<ol style="list-style-type: none"> i) Storage prior to treatment of waste refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1 ii) Maximum storage capacity 1600 tonnes iii) Free storage maximum storage height of 6 fridge units high
R 13 Storage of wastes pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where it is produced)	Waste refrigeration equipment processed in accordance with condition 5.1.2	<ol style="list-style-type: none"> i) Stored on areas of hardstanding or impermeable pavement provided in accordance with condition 2.1. ii) Maximum storage capacity 1600 tonnes iii) Palletised or racked storage individual storage height of 6 fridge units high per pallet or shelf
R 13 Storage of wastes pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where it is produced)	Loose material and food wastes removed during treatment operations	<ol style="list-style-type: none"> i) Loose material shall be stored in containers provided in accordance with condition 2.1. ii) Food wastes shall be placed into bags and stored in containers provided in accordance with condition 2.1.

- i) 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)

Specified Waste Management Operations and Exempt Waste Management Operations

1.1.2 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 which is within the categories specified in Table 1.2;

Table 1.2. Permitted wastes

Permitted Waste Categories European Waste Catalogue No	Description
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components ⁽⁶⁾
14 06 01*	chlorofluorocarbons, HCFC, HFC

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 per year shall not exceed 4,999 tonnes.

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;

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Date of issue: 30/07/02

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- 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 **Maintenance of financial provision**

1.6.1 The financial provision for meeting the obligations under this Licence set out in the Agreement made between the Licence Holder and the agency dated 30/07/02 shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Agency.

1.7 **Notification of change of operator's or holder's details**

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

- a 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)

1.8 **Notification of preparatory works**

1.8.1 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.

1.9 **Notification of commencement, cessation and recommencement of waste storage operations**

Specified waste management operations

1.9.1 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 recommencement of specified waste management operations

1.9.2 In the event that the site ceases receiving or storing 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 recommencement. In the event that it is intended that the site shall recommence receiving or storing wastes sooner than the notified date then they shall give the Agency not less than 7 days prior notice in writing.

1.10 **Notifications and submissions to Agency**

- 1.10.1 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
a) 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.
b) 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 :- <ul style="list-style-type: none">- no liquid will run off the pavement otherwise than via the system; and- except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump. <ul style="list-style-type: none">i) sealed sumps shall be inspected no less frequently than daily and after rain, emptied when the collected liquids reach 80% of the 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;ii) Inspections and emptying of sealed sumps shall be recorded in the site diary.iii) Uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.
c) Covered buildings or	Where wastes are stored in a building: <ul style="list-style-type: none">i) the building shall be designed, constructed and maintained to prevent ingress of

Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
roofed areas	rain and surface water. ii) Roof water shall be kept separate from contaminated water and other liquids and shall be discharged to either surface water or a sewer or a water course or a soakaway.
d) 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.
e) 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.
f) Inspection and maintenance of engineered containment	All areas of 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: i) 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; and ii) in the event of any damage occurring which breaches the integrity of the engineered containment so that it is 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.

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 working day.
- 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 (0645 933 3111) 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 3.2:

Table 3.2 Site security system standards

Site security system	Specified standards
Timetable of provision	Site security shall be provided prior to commencement of the specified operations.
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

Table 3.2 Site security system standards

Site security system **Specified standards**

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 spillages 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 spillages of wastes.

Potentially polluting leaks and spillages 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;

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- 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 4.2 below.

Control and remediation of leaks and spillages

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 4.2 below;

Table 4.2. Standards for prevention and control of leaks and spillages

Action	Specified standards
a) Loading and unloading waste refrigeration equipment	i) Loading and unloading of waste refrigeration equipment shall be undertaken in a manner to prevent damage.
b) Removal of refrigerants and compressors	<ul style="list-style-type: none"> i) Refrigerant and compressor oil removal shall be undertaken in a manner to prevent any loss or escape of refrigerant and compressor oil. ii) Equipment used for effective removal of refrigerant and compressor oil shall be provided and maintained iii) Containers shall not be filled beyond their operational capacity.
c) Inspection and maintenance of containers	<ul style="list-style-type: none"> i) Containers for storage of refrigerants and compressors shall be inspected daily for leaks. ii) 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.
d) Control and remediation of leaks and spillages	<ul style="list-style-type: none"> i) Minor spillages shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids. ii) Major spillages, which are causing or are likely to cause polluting emissions to the environment: <ul style="list-style-type: none"> • 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.

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 water course or unsurfaced ground.

5 **Waste acceptance and control procedures**

Waste acceptance procedures

- 5.1.1 All wastes shall be received, inspected, accepted or rejected, and recorded in accordance with the standards specified in Table 5.1 below.

Waste control procedures

- 5.1.2 All wastes accepted at the site shall be handled, kept and recorded in accordance with the standards specified in Table 5.1 below.

Waste despatch procedures

- 5.1.3 All outgoing wastes shall be inspected, despatched and recorded in accordance with the standards specified in Table 5.1 below.

Table 5.1 Standards for waste acceptance and control procedures

Stage of Waste Handling	Specified standards
a) Waste inspection	<p>All waste refrigeration equipment received at the site:</p> <ul style="list-style-type: none"> i) shall be inspected on receipt to confirm their description and composition against the relevant waste transfer note and other accompanying documentation; ii) shall be kept separate from and shall not be mixed with other waste refrigeration equipment until they have: <ul style="list-style-type: none"> ▪ been confirmed and recorded for acceptance at the site, ▪ been processed in accordance with (b) below.
b) Waste Pre-storage Processing	<p>Unless previously undertaken, upon receipt, all waste refrigeration equipment received at the site, shall be:</p> <ul style="list-style-type: none"> i) kept separate from and shall not be mixed with other waste refrigeration equipment until they have emptied of all foodstuffs and loose material; ii) where in poor state of repair or subject to further dismantling, the cooling system drained of all gasses and compressor oil; iii) unless stored in an enclosed building: <ul style="list-style-type: none"> (a) the door shall be removed; or (b) the door seal and latch shall be removed or rendered inoperative and the door adequately secured to prevent unauthorised opening.
c) Fridge Dismantling	<p>The dismantling of the fridge carcass into panels for storage shall only be undertaken in accordance with a written method statement which shall include:</p> <ul style="list-style-type: none"> i) an assessment of amount of ODS release, ii) precautionary measures to taken minimise release of ODS, iii) proposed equipment and techniques. <p>The written method statement shall be approved in writing by the Agency before any dismantling takes place.</p>
d) Quarantine storage and rejection of wastes	<ul style="list-style-type: none"> i) Any non-permitted waste which are detected after acceptance at the site, shall be quarantined immediately in clearly designated areas and the Agency shall be informed immediately; ii) quarantined wastes shall be removed from site within 14 days; iii) a record shall be kept in the site diary of all rejected wastes.
e) Inspection of wastes for despatch	<ul style="list-style-type: none"> i) All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
f) Identification of wastes	<ul style="list-style-type: none"> i) Storage areas and containers shall be clearly defined and labelled to identify the wastes stored within them.

5.2 Waste quantity measurement systems

Means of measurement

5.2.1 All waste accepted at the site shall be measured in accordance with the following requirements:

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- a The weight of all wastes accepted at and despatched from the site shall be determined by means of the conversion of numbers of refrigeration units to weight in tonnes.

5.3 **Removal of residual wastes from site**

5.3.1 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, cleaning of plant, equipment and engineered containment used in the specified waste management operations, and emptying of any sealed sumps or interceptors.

6 **Amenity management and reporting**

6.1 **Monitoring and control of odorous emissions**

6.1.1 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 6.2. 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 6.2 Standards for monitoring and control of emissions of odours

a) Monitoring of odorous emissions	i) Olfactory monitoring of aerial emissions from the site shall be carried out: <ul style="list-style-type: none"> • 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 • by site staff supervising individual waste handling operations, during the carrying out of those operations.
b) Odorous emissions action plan	i) 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. ii) The incident and the remedial action shall be recorded in the site diary.

6.1.2 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.

6.2 **Monitoring and control of pest infestations**

6.2.1 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 6.3. 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 6.3 Standards for monitoring and control of pest infestations

	Specified standards
a) Monitoring of pest infestations	i) 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.
b) Pest infestations action plan	i) 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. ii) The incident and the remedial action shall be recorded in the site diary.

6.3 **Control of scavenging birds and other scavengers**

6.3.1 Throughout the operational life of the site, measures to control and minimise scavenging birds and other scavengers on the site shall be carried out in accordance with the standards specified in Table 6.4. Such measures shall prevent the presence of scavenging animals or flocks of scavenging birds on the site, that are likely to cause pollution of the environment or harm to human health or serious detriment to the amenity of the locality.

Table 6.4 Standards for monitoring and control of scavenging birds and other scavengers

a) Monitoring scavengers	of	i) Stored wastes which are likely to attract scavengers shall be routinely monitored for the presence of scavenging animals or flocks of scavenging birds, throughout the working day by the site supervisor.
b) Scavengers action plan	i)	On detection or notification of scavenging animals or flocks of scavenging birds, immediate action shall be taken to : <ul style="list-style-type: none">• remove or deter them from the site,• isolate and secure the wastes attracting the scavengers against further scavenging.
	ii)	The incident and the remedial action shall be recorded in the site diary.

6.4 Control of litter

6.4.1 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.

6.4.2 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.

7 Site records

7.1 Security and availability of records

Security of records

7.1.1 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 7.1 below.

Availability of records

7.1.2 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 7.1 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.

7.2 Records of waste movements

Recording of wastes accepted and removed

7.2.1 A record shall be kept of each load of waste accepted and each load of waste removed from site. This record shall include the following details:

a Loads accepted:-

- i** unit types and quantities (numbers) and whether units contain fluids
- ii** date and time received
- iii** date processed in accordance with table 5.1(b)

b Loads removed:-

- i** unit types and quantities (numbers) and whether units have been drained or otherwise processed
- ii** loose material removed during processing (tonnes)
- iii** refrigerant (Kg)
- iv** compressor oil (Kg)
- v** date and time removed

Summary records of wastes accepted and removed

7.2.2 A summary record of the waste types accepted and removed from the site shall be made for each quarter and shall be submitted to the Agency within 1 month following the end of the quarter. The summary record shall be in the format specified in Appendix A, and shall include the specified information.

7.3 Site diary

7.3.1 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.

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

Waste Management Licence No EAWML/40075
Modification No 1



ENVIRONMENT
AGENCY

**ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37 (1) (b)**

**WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION**

LICENCE REF NO :- EAWML/40075 MOD No 1	FACILITY TYPE :- TRANSFER STATION
LICENCE HOLDER :- Aquaforce Special Waste Limited Unit 9 Sprint Industrial Estate Station Road Four Ashes Wolverhampton West Midlands WV10 7DB	LICENSED FACILITY :- Aquaforce Special Waste Limited Unit 4 Sprint Industrial Estate Station Road Four Ashes Wolverhampton West Midlands WV10 7DB

WHEREAS on the 30th July 2002 The Environment Agency issued a Waste Management Licence in pursuance of its powers under Part 2 of the Environment Protection Act 1990 for the above named facility,

AND WHEREAS on the 9th August 2002 you applied to modify the conditions of the said licence,

NOTICE IS HEREBY GIVEN that the Agency modifies the said licence as follows :-

In section 1., DELETE Condition 1.1 and REPLACE with Condition 1.11 and DELETE condition 1.6 and REPLACE with condition 1.12
In Section 7., DELETE condition 7.2.2 and REPLACE with conditions 15.1.4 and 15.1.5
AND Sections 10, 11, 12, 13, 14, 15, 16, 17, 18.

AS ATTACHED TO THE NOTICE.

Signed KR Ayres
Environment Management Team Leader

Name Roger Grainger

Date 25th February 2003

Such modification to take effect on 25th February 2003 at 1200 hrs.

**YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL ATTACHED TO THIS
NOTICE**

Environment Agency, Midlands Region, Upper Trent Area, Sentinel House, 9 Wellington Crescent, Fradley Park, Lichfield, Staffordshire,
WS13 8RR

**SCHEDULE - CONDITIONS RELATING TO THIS
MODIFICATION**

10	Pre-destruction processing (stage 1)	6
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General considerations

1.11 Specified waste management operations

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

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

Table 1.11a 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
R 4 Recycling / reclamation of metals and metal compounds	Waste refrigeration equipment	i) Treatment includes the removal of foodstuffs and loose material, cleaning, draining of fluids and removal of doors, compressors etc ii) All treatment and pre-treatment of refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1 Fridge carcass destruction shall be undertaken in a contained environment provided in accordance with section 10 of the Working Plan
R13 Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	Waste refrigeration equipment pending inspection and processing in accordance with condition 5.1.2	i) Storage prior to treatment of waste refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1 ii) Maximum storage capacity 1000 fridge units Free storage shall not exceed a maximum storage height of 3.5 metres
R13 Storage of wastes pending any of the operations numbered R1 to R12 (Excluding temporary storage, pending collection, on the site where it is produced)	Waste refrigeration equipment processed in accordance with condition 5.1.2	i) Stored on areas of impermeable pavement provided in accordance with condition 2.1. ii) Free storage shall not exceed a maximum storage height of 3.5 metres Palletised or racked storage individual storage shall not exceed a maximum height of 3.5 metres per pallet or shelf
D15: Storage 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).	Loose material and food wastes removed during treatment operations	i) Loose material shall be stored in containers provided in accordance with condition 2.1. ii) Odorous waste including waste which is likely to become odorous shall not be stored on site for longer than 48 hours. Food wastes shall be placed into bags and stored in containers provided in accordance with condition 2.1.
R13: Storage of wastes pending any of the operations numbered R1 to R12 (Excluding temporary storage, pending collection, on the site where it is produced)		

i) **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)

1.12

Maintenance of financial provision

The financial provision for meeting the obligations under this Licence set out in the Agreement made between the Licence Holder and the agency dated 25/02/03 shall be maintained by the Licence Holder throughout the subsistence of this Licence and the Licence Holder shall produce evidence of such provision whenever required by the Agency.

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Working Plan amendments

Changes to the working plan requiring prior consent by the Agency

- 10.1.1 The Licence Holder shall give the Agency prior notice in writing of any proposed change to the sections of the working plan listed in Table 10.1, and to any appendices, drawings and figures which are referenced in those sections.

Other Amendments:

- 10.1.2 The Licence Holder shall in any event give the Agency prior notice in writing of any proposed change to a section of the working plan which is referenced under the conditions of this licence.
- 10.1.3 The written notice shall be supported by a written risk assessment of the effect of implementing the proposed change to the working plan on the risk of the plant to human health and the environment.
- 10.1.4 The proposed change to the working plan shall not be implemented unless the Agency has given its written consent to it. Following consent, the Licence Holder shall give the Agency prior written notification of the implementation date of the change and from that date the changed section shall be deemed to be incorporated in the working plan in replacement of the previous version of that section.

Table 10.1: Conditions for which changes to the working plan require the prior consent of the Agency	
Working Plan Section	Subject
WP 10	Pre-destruction processing
WP 11 and section B	Destruction of refrigeration unit carcasses
WP 11.1.7 and section B	Destruction Process Monitoring / QA
WP 12 and section B	Emissions control

11

Pre-destruction processing (stage 1)

Pre-destruction processing

11.1.1 The pre-destruction processing of refrigerator units shall be undertaken;

- (a) in manner to ensure fugitive emissions from the degassing of the refrigeration cooling system are collected
- (b) in accordance with table 11.1 below and section 10 of the Working Plan;

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Table 11-1 Pre-destruction processing	
Stage of treatment process	Specified standards
a) Removal of refrigerant and compressor oil	<p>Drainage of the refrigeration cooling system shall be undertaken in a manner that:</p> <ul style="list-style-type: none"> (a) 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 in accordance with section 10 (ii) of the Working Plan (b) Compressor oil shall be drained into two tanks with a capacity of 1000 litres. Each tank will be bunded and be capable of containing 110% of the capacity of the tank. (c) The tanks shall be emptied and the oil removed to a suitably licensed facility when the collected liquids reach 80% of tank capacity as measured using a dipstick or equivalent gauge.
b) Processing of compressor oil	<p>Upon removal of compressor oil from the cooling system:</p> <ul style="list-style-type: none"> (a) It shall be placed immediately in a suitable sealed container and stored in accordance with section 10 (iii) of the Working Plan to prevent fugitive emission of controlled substances (b) In the event of a spillage an absorbent or equivalent shall be used and the actions as specified in section 4.2 of the Working Plan implemented. The spillage kits from the locations as detailed in Plan D of the Working Plan will be utilised. (c) Oil contained from the process shall be taken off site and transferred to a suitably licensed facility in accordance with section 10 (iii) of the Working Plan.
c) Removal of compressor and degassing of refrigerators	<ul style="list-style-type: none"> (a) Following the drainage of the cooling system, the compressor unit shall be removed from the refrigerator unit in accordance with section 10 (i) of the Working Plan and placed into a sealed container. (b) CfC's will then be removed from each compressor in accordance with section 10 (iii) of the Working Plan. (c) In the event that the degassing process as described in section 10 (iii) of the Working plan fail, then the actions as specified in section 10 (vii) of the Working Plan shall be implemented immediately. Any such action will be logged in the Site Diary.
d) Removal of switches	<ul style="list-style-type: none"> a) 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) Switches shall be removed in tact and placed into a sealed container or drum in accordance with section 10 (ii) of the Working Plan.
e) Removal of accumulated water	All refrigerator units shall be drained of free water prior to destruction

12

Fridge Carcass Destruction (stage 2)

Atmospheric containment

12.1.1

The destruction of the refrigerator unit carcasses shall be undertaken in an contained environment to prevent fugitive losses of controlled substance, in accordance with section B of the Working Plan and in the areas specified in Plan D.

12.1.2

In the event of failure of the containment or if it is breached;

- (a) fridge carcass destruction operations shall cease until action has been taken to restore atmospheric containment; and
- (b) the Agency shall be notified immediately
- (c) Any details of equipment failure and action taken shall be logged in the site diary

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Pre-destruction preparation

12.1.3 Refrigeration units shall not be subject to the destruction process unless processed to the pre-destruction processing standards specified in table 11.1 above and section 10 of the Working plan.

Destruction standards

12.1.4 Residual materials specified in table 12.1 below, resulting from the destruction of refrigeration unit carcasses shall not be removed from the contained environment unless they meet the specified standards in table 12.1.

Residual materials	Specified standards
a) Metal	The quantity of foam remaining on the granulated metal after processing shall not exceed 0.5% w/w
b) Plastic	The quantity of foam remaining on the granulated plastic after processing shall not exceed 1% w/w
c) Polyurethane foam	The quantity of residual blowing agent remaining in the polyurethane foam shall not exceed: (a) 0.5% w/w where foam is stored in a contained environment subject to further recovery or destruction (b) 0.2% w/w in other cases
d) 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
e) Trichlorofluoromethane (R11)	Due to the low boiling point of R11 (24°C) storage will take place in sealed containers in a bunded area in a chilled blast refrigeration unit. The refrigeration unit will maintain a temperature below 10°C. Should the temperature in the refrigeration unit rise above 20°C then no further storage shall take place until the problem is rectified and the unit is cooled below the 10°C threshold. Any R11 containers stored in this situation shall be moved to an alternative chilled unit (of below 10°C) or shall be transferred off site immediately to an appropriately licensed facility. Any such action shall be logged in the site diary.
f) VOC Plant Regeneration	The aqueous organic (CFC) fraction will be stored in 1000 litre IBC containers or 205 litre bung top drums. All filling and storage of the drums will take place in a bunded area. The containers will be transferred off site to a suitably licensed facility or discharged subject to the appropriate consent.