creu lle gwell
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Asiantaeth yr Amgylchedd Cymru
Environment Agency Wales

ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37

WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION

LICENCE REF No:- EAWML30264 **LICENCE HOLDER:** Simsgroup UK Ltd Long Marston Stratford Upon Avon Warwickshire CU37 8AQ **Company Registration No** 3242331	**FACILITY TYPE:** TREATMENT PLANT **LICENSED FACILITY:-** Fridge Treatment Plant North Side South Dock Newport Gwent NP9 2WE

WHEREAS on the 1 August 2002 the Environment Agency ("the Agency") issued a waste management licence in pursuance of its powers under Part II of the Environmental Protection Act 1990 for the above named facility to you.

AND WHEREAS on 3 February 2003 the Agency issued a licence informative as agreed by the Agency and the licence holder.

AND WHEREAS on 28 August 2003 the Agency modified the licence pursuant to Section 37 of the Environmental Protection Act 1990 (modification number 01)

AND WHEREAS on 14 July 2005 the Agency modified the licence pursuant to Section 37 of the Environmental Protection Act 1990 (modification number 02)

NOTICE IS HEREBY GIVEN that the Agency modifies the conditions of the said licence in accordance with Section 37(1)(a) of the Environmental Protection Act 1990 and as set out in the Schedule attached to this notice. (modification number 03)

Signed _____ Dated 5/6/06

CHRISTOPHER WRIGHT
Team leader - Regulatory Waste

This modification shall take effect on 6 May 2006 at 00.01 hours

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED OVERLEAF

Environment Agency Wales
Rivers House
St. Mellons Business Park
St. Mellons
Cardiff
CF3 0EY

Asiantaeth yr Amgylchedd
Plas Yr Afon,
Parc Busnes Llaneirwg,
Llaneirwg,
Caerdydd
CF3 0EY

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 National Assembly for Wales, the conditions of a licence are modified, the licence holder may appeal from the decision to the National Assembly for Wales.

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
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

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 National Assembly for Wales may allow notice of appeal to be given after the expiry of this time period.

SCHEDULE – CONDITIONS RELATING TO THIS MODIFICATION

Modification of conditions under Section 37(1)(a) as follows:

Delete existing condition: **1.10.4**

Add new condition: **1.10.4**

Changes to the working plan requiring prior consent by the Agency

1.10.4 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 1.3	Sections for which changes to the working plan require the prior consent of the Agency
Working Plan Section	**Subject**
WP1.3	Hours of Operation
WP3.1.1	Site security – general measures
WP5	Fire Prevention and control
WP8	Pre-destruction processing
WP9	Destruction of refrigeration unit carcasses
WP10	Destruction Process Monitoring/QA
WP11	Emissions control
Supplement Section 2.3	Permitted Wastes

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Asiantaeth yr Amgylchedd Cymru
Environment Agency Wales

ENVIRONMENTAL PROTECTION ACT 1990
SECTION 37

WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION

LICENCE REF No:-EAWML30264 **LICENCE HOLDER:** Simsgroup UK Ltd Long Marston Stratford Upon Avon Warwickshire CU37 8AQ **Company Registration No** 3242331	**FACILITY TYPE:** Treatment Plant **LICENSED FACILITY:-** Fridge Treatment Plant North Side South Dock Newport Gwent NP9 2WE

WHEREAS on the 1st August 2002 the Environment Agency ("the Agency") issued a waste management licence in pursuance of its powers under Part II of the Environmental Protection Act 1990 for the above named facility to you.

AND WHEREAS on 3rd February 2003 the Agency issued a licence informative as agreed by the Agency and the licence holder.

AND WHEREAS on 28th August 2003 the Agency modified the licence pursuant to Section 37 of the Environmental Protection Act 1990 (modification number 01)

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. (modification number 02)

Signed _____ Dated 14th July 2005
STEVEN MORGAN
Team leader - Regulatory Waste

This modification shall take effect on 14 July 2005 at 00.01 hours

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED OVERLEAF

Environment Agency Wales
Rivers House
St Mellons Business Park
St. Mellons
Cardiff
CF3 0EY

Asiantaeth yr Amgylchedd
Plas Yr Afon,
Parc Busnes Llaneirwg,
Llaneirwg,
Caerdydd
CF3 0EY

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 National Assembly for Wales, the conditions of a licence are modified, the licence holder may appeal from the decision to the National Assembly for Wales.

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
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

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 National Assembly for Wales may allow notice of appeal to be given after the expiry of this time period.

SCHEDULE – CONDITIONS RELATING TO THIS MODIFICATION

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

Delete existing conditions: **1.1.1, 1.2.1, 1.2.2, 1.10.4, 4.2.3, 5.1.3, and 11.2**

Add new conditions: **1.1.1, 1.2.1, 1.2.2, 1.10.4, 4.2.3, 5.1.3, 11.2 and Appendix C**

Amend existing condition 12 (Interpretation) for "WEEE", "PCB" and "PCT".

1.1.1 **Specified waste management operations**

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 1.1 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
R 2: Recycling or reclamation of organic substances which are not used as solvents **R 3**: Recycling or reclamation of metals and metal compounds **R 4**: Recycling or reclamation of other inorganic materials. **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) **D15**: Storage of wastes pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced	WEEE And Waste Refrigeration Equipment	i) All treatment and storage of materials shall be in areas with hardstanding or impermeable pavement.. ii) Once removed from WEEE, components shall be segregated by type and stored within dedicated appropriate containers which are fit for purpose. The containers shall be clearly and unambiguously labelled regarding their contents. iii) Shredding and separation of plastics and metals shall only take place in the area identified on site layout plan and the separation process only to be carried out in accordance with equipment manufacturers recommended procedures. iv) Storage prior to pre-treatment of waste refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1 v) Free storage shall not exceed a maximum storage height of 3.5 metres or 2 fridge units high vi) Waste refrigeration equipment pending inspection and processing in accordance with condition 5.1.2 vii) Waste refrigeration equipment which has been processed in accordance with condition 5.1.2 viii) Palletised or racked storage individual storage shall not exceed a maximum height of 3.5 metres or 2 fridge units high per pallet or shelf **Storage of hazardous waste for disposal shall not exceed 10 tonnes at any time**

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)

Permitted categories and types of wastes

1.2.1 No wastes other than those, which are categorised below in Table 1.2 shall be accepted at the site.

Table 1.2. Permitted quantities of waste

Permitted Waste Categories	European Waste Catalogue Chapter	Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 1.2.2)
Hazardous wastes	**16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST**	
WEEE and Waste Refrigeration Equipment	16 02 10* Discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09	
	16 02 11* Discarded equipment containing chlorofluorocarbons, HCFC, HFC	
	16 02 13* Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 13	
	16 02 15* hazardous components removed from discarded equipment	
	20 MUNICIPAL WASTES	
	20 01 23* Discarded equipment containing chlorofluorocarbons	
Batteries	**16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST**	
	16 06 01* lead batteries	
	16 06 02* Ni-cd batteries	
	16 06 03* mercury containing batteries	Storage of hazardous waste for disposal shall not exceed 10 tonnes at any time
	16 06 06* separately collected electrolyte from batteries and accumulators	
	20 MUNICIPAL WASTES	
	20 01 33* batteries and accumulators included in 16 06 01, 16 02 06 02	
	20 01 35* Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	
Degradable household, commercial and industrial wastes	**15 WASTE PACKAGING**	The maximum quantity of waste refrigeration units stored at the site at any one time shall not exceed 25,350 units
Paper and cardboard	15 01 02 paper and cardboard packaging	
Wood	15 01 03 wooden packaging	
Other Wastes	**16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST**	
WEEE and Waste Refrigeration Equipment	16 02 14 Discarded equipment other than those mentioned in 16 02 09 to 16 02 13	
	16 02 16 Components removed from discarded equipment other than those mentioned in 16 02 15	
	16 06 batteries and accumulators	
	16 06 04 alkali batteries (except 16 06 03)	
	16 06 05 other batteries and accumulators	
	19 12 04 plastic and rubber	
	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	

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 74,999 tonnes.

Changes to the working plan requiring prior consent by the Agency

1.10.4 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 1.10	Sections for which changes to the working plan require the prior consent of the Agency
Working Plan Section	**Subject**
WP1.3	Hours of Operation
WP3.1.1	Site security – general measures
WP5	Fire Prevention and control
WP8	Pre-destruction processing
WP9	Destruction of refrigeration unit carcasses
WP10	Destruction Process Monitoring/QA
WP11	Emissions control
Supplement Section 2.3	Permitted Wastes

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, electrical and electronic equipment	Loading and unloading of waste refrigeration, electrical and electronic equipment shall be undertaken in a manner to prevent damage.
b) Inspection and maintenance of containers	i) Containers for storage of waste 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.
c) Control and remediation of leaks and spillage	i) Minor spillages shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids. ii) Where major spillages occur which are causing or are likely to cause polluting emissions to the environment: • immediate action shall be 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.
d) Quarantine storage and rejection of wastes	i) 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; 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	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
f) Identification of wastes	Storage areas and containers shall be clearly defined and labelled to identify the wastes stored within them.

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	All waste received at the site: 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 until they have: • been confirmed and recorded for acceptance at the site, • been processed in accordance with (b) or (d) below.
b) Refrigeration unit pre-treatment	Unless previously undertaken, all waste refrigeration equipment received at the site: i) shall be kept separate from and shall not be mixed with other waste refrigeration equipment until they have been pre-treated. ii) shall have the cooling system drained of all gasses and compressor oil; where the refrigeration equipment is in a poor state of repair or subject to further dismantling., iii) shall unless stored in an enclosed building or secure area: have the door removed; or the door seal and latch removed or rendered inoperative and the door adequately secured to prevent unauthorised opening.
c) Fridge Dismantling	The dismantling of the fridge carcass into panels for storage shall only be undertaken in accordance with a written method statement which shall include: i) an assessment of the amount of 'controlled substance' released, ii) precautionary measures taken to minimise the release of 'controlled substance', iii) proposed equipment and techniques. The written method statement shall be approved in writing by the Agency before any dismantling takes place.
d) WEEE Dismantling	a) The dismantling of the WEEE into separate components shall only be undertaken in accordance with a written method statement which shall include: b) an assessment of the amount of 'controlled substance' released, c) precautionary measures taken to minimise the release of 'controlled substance', d) proposed equipment and techniques. The written method statement shall be approved in writing by the Agency before any dismantling takes place.
e) Quarantine storage and rejection of wastes	i) 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; 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.
f) Inspection of wastes for despatch	All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
g) Identification of wastes	Storage areas and containers shall be clearly defined and labelled to identify the wastes stored within them.

Appendix C Format for summary records of wastes accepted and removed (Condition 11.2.8)

ASIANTAETH YR AMGYLCHEDD CYMRU
ENVIRONMENT AGENCY WALES

ENVIRONMENTAL PROTECTION ACT 1990.
SECTION 37

WASTE MANAGEMENT LICENCE
NOTICE OF MODIFICATION

LICENCE REF No:- EAWML 30264 **LICENCE HOLDER:-** **Simsgroup UK Ltd** **Long Marston** **Stratford Upon Avon** **Warwickshire** **CU37 8AQ** **Company Reg No 3242331**	**FACILITY TYPE:- Treatment Plant** **LICENSED FACILITY:-** **Fridge Treatment Plant** **North Side** **South Dock** **Newport** **Gwent** **NP9 2WE**

WHEREAS on 01 August 2002 the Environment Agency issued a waste management licence in pursuance of its powers under Part II of the Environmental Protection Act 1990 for the above named facility to Simsmetal UK Ltd.

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 J. Tomala
JOHN TOMALA
Team Leader – Environment Management

Dated 28 August 2003

This modification shall take effect on 28 August 2003 at 00.01 hours

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

Environment Agency Wales
Rivers House
St. Mellons Business Park
St. Mellons
Cardiff
CF3 0EY

Asiantaeth yr Amgylchedd Cymru
Plas Yr Afon
Parc Busnes Llaneirwg
Llaneirwg
Caerdydd
CF3 0EY

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 National Assembly for Wales, the conditions of a licence are modified, the licence holder may appeal from the decision to the National Assembly for Wales.

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
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

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 below). You should appeal within 6 months of the date that this notice takes effect but the National Assembly for Wales may allow notice of appeal to be given after the expiry of this time period.

Environment Agency Wales
Rivers House
St. Mellons Business Park
St. Mellons
Cardiff
CF3 0EY

Asiantaeth yr Amgylchedd Cymru
Plas Yr Afon
Parc Busnes Llaneirwg
Llaneirwg
Caerdydd
CF3 0EY

SCHEDULE - CONDITIONS RELATING TO THIS MODIFICATION

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

Delete existing conditions: **1.2.1, 1.2.2, 1.6** and **9.1.1**

Add new conditions: **1.2.1, 1.2.2** and **9.1.1**

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 quantities of waste

Permitted Waste Categories	Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 1.2.2)
16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST **16 02 wastes from electrical and electronic equipment.**	
16 02 11* Discarded equipment containing chlorofluorocarbons, HCFC, HFC	800,000 units/year
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	
20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR: COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS **20 01 separately collected fractions (except 15 01)**	
20 01 23* Discarded equipment containing chlorofluorocarbons	800,000 units/year
20 01 35* Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components [6]	
20 01 36 discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	

(*) asterisk denotes hazardous waste

(6) 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.

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 800,000 units. The maximum quantity of permitted wastes stored at the site at any one time shall not exceed 25,350 waste refrigeration units.

9.1.1 All storage of residual materials resulting from pre-destruction and destruction processing shall not exceed the limits specified in Table 9.1 below.

Table 9.1 Permitted quantities of residual materials from stage carcass destruction

Residual materials		Permitted Waste Categories	Maximum Permitted Storage Quantities for each waste category	Maximum Permitted storage times for each waste category
i)	Compressor oil	13 02 08* other engine, gear and lubricating oils	1,500 gallons	1 year
ii)	Refrigerants	14 06 01* Chlorofluorocarbons, HCFC, HFC	3 Tonnes	3 months
iii)	HC refrigerants	14 06 03* other solvents and solvent mixtures		
iv)	Blowing agent	14 06 01* Chlorofluorocarbons, HCFC, HFC	9 Tonnes	3 months
v)	HC blowing agents	14 06 03* other solvents and solvent mixtures		
vi)	Polyurethane foam	19 12 04 rubber and plastic	80 Tonnes	6 months
vii)	Ferrous metal	19 10 01iron and steel waste	200 Tonnes	1 year
viii)	Non-ferrous metal	19 10 02 non-ferrous waste	50 Tonnes	1 year
ix)	plastic	19 12 04 rubber and plastic	80 Tonnes	1 year
x)	rubber	19 12 04 rubber and plastic		
xi)	mercury switches etc	19 10 05* other fractions containing dangerous substances	2 tonnes	1 year
xii)	others	19 10 06 other fractions other than those mentioned in 19 10 05	10 tonnes	1 year

(*) asterisk denotes hazardous waste

ASIANTAETH YR AMGYLCHEDD CYMRU
ENVIRONMENT AGENCY WALES

ENVIRONMENTAL PROTECTION ACT 1990.
WASTE MANAGEMENT LICENCE.

LICENCE REF No :- EAWML 30264 **FACILITY TYPE :- TREATMENT PLANT**

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 **Simsmetal UK Ltd,** Long Marston, Stratford-upon-Avon, Warwickshire CV37 8AQ (Company Registration number 3242331) that company 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 North Side, South Dock, Newport, Gwent. NP9 2WE (hereinafter called "the site") shown edged red on Drawing Reference Number 02/EC/030, dated July 2002, and attached to this licence.

Signed Nadia De Longhi
NADIA DE LONGHI
Team Leader – Waste Licensing

Dated 01 August 2002

FOR ENVIRONMENT AGENCY OFFICIAL USE ONLY.

YOUR ATTENTION IS DRAWN TO THE RIGHTS OF APPEAL DETAILED IN THE NOTES OVERLEAF

Environment Agency Wales
South East Area Office
Abacus House
St Mellons Business Park
St Mellons
CARDIFF CF3 0EY
DX Address 121375
Tel 029 20 770088, Fax 029 20 362487, GTN 7-26 X 1000

Asiantaeth yr Amgylchedd
Ty Abacus
Parc Busnes Llaneirwg
Caerdydd
CF3 0EY
Cyfeiriad DX 121375
Ffon 029 20 770088, Ffacs 029 20 362487, GTN 7-26 X 1000

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 National Assembly for Wales, a licence is granted subject to conditions, the applicant may appeal from the decision to National Assembly for Wales.

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
Crown Buildings
Cathays Park
Cardiff
CF10 3NQ

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 National Assembly for Wales may allow notice of appeal to be given after the expiry of this time period.

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 the following table; 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
R 4 Recycling / reclamation of metals and metal compounds	Waste refrigeration equipment	i) All treatment and pre-treatment of refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1 ii) Fridge carcass destruction shall be undertaken in a contained environment provided in accordance with condition 7.1.1
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	i) Storage prior to pre-treatment of waste refrigeration equipment shall be undertaken on impermeable pavement provided in accordance with condition 2.1 ii) Free storage shall not exceed a maximum storage height of 3.5 metres or 2 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 which has been processed in accordance with condition 5.1.2	i) Stored on areas of hardstanding or impermeable pavement provided in accordance with condition 2.1. ii) Free storage shall not exceed a maximum storage height of 3.5 metres or 2 fridge upright units high iii) Palletised or racked or individual storage shall not exceed a maximum height of 3.5 metres or 2 fridge units high per pallet or shelf

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 quantities of waste

Permitted Waste Categories	Maximum Permitted Quantities for each waste category (subject to maximum permitted total quantity in condition 1.2.2) (tonnes/year)
16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST **16 02 wastes from electrical and electronic equipment.**	
16 02 11* Discarded equipment containing chlorofluorocarbons, HCFC, HFC	
16 02 14 Discarded equipment other than those mentioned in 16 02 09 to 16 02 13	400,000 units/year
16 02 16 Components removed from discarded equipment other than those mentioned in 16 02 15	
20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR: COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS **20 01 separately collected fractions (except 15 01)**	
20 01 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]	400,000 units/year
20 01 36 discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	

(*) asterisk denotes hazardous waste

[6] 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.

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 400,000 units. The maximum quantity of permitted wastes stored at the site at any one time shall not exceed 25,350 waste refrigeration units.

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 and working plan

1.3.2 A copy of this licence and the working plan 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 and working plan

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 and working plan 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, where the technically competent management of the site is subject to the WAMITAB scheme of technical competence, 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 22 April 2002 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:

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 resumption 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 resumption of specified waste management operations

1.9.2 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.

1.10 **Changes to the working plan requiring prior consent by the Agency**

1.10.1 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 1.3, and to any appendices, drawings and figures which are referenced in those sections.

Other Amendments:

1.10.2 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.

1.10.3 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.

1.10.4 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 1.3	Sections for which changes to the working plan require the prior consent of the Agency
Working Plan Section	**Subject**
WP1.3	Hours of Operation
WP3.1.1	Site security – general measures
WP5	Fire Prevention and control
WP8	Pre-destruction processing
WP9	Destruction of refrigeration unit carcasses
WP10	Destruction Process Monitoring/QA
WP11	Emissions control

1.11 **Notifications and submissions to Agency**

1.11.1 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) 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: i) shall remain even ii) shall not be subject to settlement iii) shall not be subject to rutting by vehicles even when wet iv) shall have sufficient durability to allow cleaning for example by scraping v) shall remain free of standing water.
b) 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.
c) 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 :- i) no liquid will run off the pavement otherwise than via the system; and ii) except where they may be lawfully discharged, all liquids entering the system are collected in a sealed sump. iii) The interceptors shall be inspected no less frequently than weekly 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; iv) Inspections and emptying of sealed sumps shall be recorded in the site diary. v) Uncontaminated drainage from clean yard areas shall be kept separate and discharged to either surface water or sewer or watercourse or soakaway.
d) Covered buildings or roofed areas	Where wastes are stored in a building or roofed area: i) The building or roofed area shall be designed, constructed and maintained to prevent ingress of rain and surface water. ii) Roof water shall be discharged to either surface water or a sewer or a water course or a soakaway.

Type of Site Surface and Drainage	Minimum Specified Standards of Design, Construction and Maintenance
e) 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.
f) 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.
g) 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: 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 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

iv areas of impermeable pavement fall towards the drainage system to prevent ponding; and

v no liquid will run off areas of impermeable pavement other than via the drainage system; and

vi 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

vii liquid from the drainage system is disposed of to an approved discharge.

(c) 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 (0845 933 3111) and Emergencies (0800 807060), or as subsequently notified in writing by the Agency;

(h) The specified waste management operations authorised by this licence shall only be carried out within the times specified in section WP1.3 of the working plan.

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:

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	This shall consist of a security fence as specified in the working plan, paragraph 3.1.1
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	i) Loading and unloading of waste refrigeration equipment shall be undertaken in a manner to prevent damage.
b) Inspection and maintenance of containers	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.
c) Control and remediation of leaks and spillage	i) Minor spillages shall be cleaned up immediately, using sand or proprietary absorbent to clean up liquids. ii) Where major spillages occur which are causing or are likely to cause polluting emissions to the environment: • immediate action shall be 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	All waste refrigeration equipment received at the site: 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: ▪ been confirmed and recorded for acceptance at the site, ▪ been processed in accordance with (b) below.
b) Refrigeration unit pre-treatment	Unless previously undertaken, all waste refrigeration equipment received at the site: i) shall be kept separate from and shall not be mixed with other waste refrigeration equipment until they have been pre-treated. ii) shall have the cooling system drained of all gasses and compressor oil; where the refrigeration equipment is in a poor state of repair or subject to further dismantling., iii) shall unless stored in an enclosed building or secure area: have the door removed; or the door seal and latch removed or rendered inoperative and the door adequately secured to prevent unauthorised opening.
c) Fridge Dismantling	The dismantling of the fridge carcass into panels for storage shall only be undertaken in accordance with a written method statement which shall include: i) an assessment of the amount of 'controlled substance' released, ii) precautionary measures taken to minimise the release of 'controlled substance', iii) proposed equipment and techniques. The written method statement shall be approved in writing by the Agency before any dismantling takes place.

Table 5.1 Standards for waste acceptance and control procedures

Stage of Waste Handling	Specified standards
d) Quarantine storage and rejection of wastes	i) 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; 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	i) All wastes despatched from the site shall be inspected prior to despatch to confirm their description and composition.
f) Identification of wastes	i) Storage areas and containers shall be clearly defined and labelled to identify the wastes stored within them.

6 Pre-destruction processing (stage 1)

Pre-destruction processing

6.1.1 The drainage of refrigerant and lubricant from refrigerator units shall be undertaken;

(a) in a manner to ensure fugitive emissions from the degassing of the refrigeration cooling system are collected

(b) in accordance with table 6.1 below;

Table 6.1 Pre-destruction processing

Stage of treatment process	Specified standards
a) Removal of refrigerant and lubricant	Drainage of the refrigeration cooling system shall be undertaken in a manner that: (i) 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
b) Processing of compressor oil	Upon removal of compressor oil from the cooling system: (i) The compressor oil shall be processed to ensure that the concentration of refrigerant in the oil is <0.1% w/w; or (ii) It shall be placed immediately in a suitable sealed container to prevent fugitive emission of controlled substances
c) 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
d) 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.
e) Removal of accumulated water	All refrigerator units shall be drained of free water prior to destruction

7 Fridge Carcass Destruction (stage 2)

Atmospheric containment

7.1.1 The destruction of the refrigerator unit carcasses shall be undertaken in an contained environment to prevent fugitive losses of controlled substances.

7.1.2 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

Pre-destruction preparation

7.1.3 Refrigeration units shall not be subject to the destruction process unless processed to the pre-destruction processing standards specified in table 6.1 above.

Destruction standards

7.1.4 Residual materials specified in table 7.1 below, resulting from the destruction of refrigeration unit carcasses shall not be removed from the contained environment unless they meet specified standards in table 7.1.

Table 7.1 Standards for fridge destruction

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 1.0% 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

Commissioning Requirements

7.1.5 Prior to the commissioning, the operator shall submit in writing to the Agency a commissioning plan. The commissioning plan shall demonstrate how the proposed operations will meet the requirement table 7.2 below;

Table 7.2 Standards for quality assurance plan for commissioning

Commissioning monitoring and sampling records	Specified requirements
a) Quality assurance of monitoring and sampling	i) Monitoring shall only be carried out by suitably competent/qualified staff. ii) Validation of results shall be carried out by an adequately experienced engineer iii) Monitoring equipment shall be calibrated and serviced in accordance with the manufacturer's recommendations.
b) Making of records	Records shall include the following: i) Specified details of measurements/samples to support analytical and QA requirements; including dates, times, locations, personnel undertaking monitoring; ii) Results of measurements/sample analyses, with error limits; iii) Interpretation and review of results; iv) Validation of accuracy and validity of results, by designated quality assurer.
c) Determinands monitored / sampled	Records shall include the following: i) the numbers and unit types destroyed ii) the actual quantity of blowing agent recovered iii) results of testing of residual materials to meet the specified standards in table 7.1 iv) quantities of residual materials as specified in table 10.1. v) a record of the emissions monitoring system results vi) details of the identities, relevant experience and relevant qualifications of the personnel providing commissioning validation

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

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

Destruction Process Monitoring

7.1.8 Samples of the residual materials listed in table 6.1 shall be

(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; and

(c) The results of the destruction process monitoring shall be forwarded to the Agency within 1 month of the sampling exercise being undertaken.

8 Emissions Control

Emissions limits

8.1.1 Controlled substances resulting from the destruction process shall be collected and, where discharged to atmosphere, shall not exceed the limits specified in table 8.1 below.

Table 8.1 Emission limits for controlled substances

No of Refrigeration units processed per hour	Emission limits
a) <100 units	5g per hour
b) >100 units but <200 units	10g per hour
c) >200 units but <300 units	15g per hour
d) >300 units but <400 units	20g per hour
e) >400 units	30g per hour

Emissions Monitoring

8.1.2 The emission control system shall be monitored on a continuous basis to ensure compliance with the limits specified in table 8.1 above.

8.1.3 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

8.1.4 In the event of any emissions exceeding the specified standards in table 8.1 above;

(a) Refrigerator unit carcass destruction operations shall cease until remedial action has been taken to meet the specified standards and

(b) the Agency shall be notified immediately

9 Removal of residual wastes from site

9.1.1 All storage of residual materials resulting from pre-destruction and destruction processing shall not exceed the limits specified in Table 9.1 below.

Table 9.1 Permitted quantities of residual materials from stage carcass destruction

Residual materials		Permitted Waste Categories	Maximum Permitted Storage Quantities for each waste category	Maximum Permitted storage times for each waste category
i)	Compressor oil	13 02 08* other engine, gear and lubricating oils	1,500 litres	1 year
ii)	Refrigerants	14 06 01* Chlorofluorocarbons, HCFC, HFC	3 Tonnes	3 months
iii)	HC refrigerants	14 06 03* other solvents and solvent mixtures		
iv)	Blowing agent	14 06 01* Chlorofluorocarbons, HCFC, HFC	3 Tonnes	3 months
v)	HC blowing agents	14 06 03* other solvents and solvent mixtures		
vi)	Polyurethane foam	19 12 04 rubber and plastic	40 Tonnes	6 months
vii)	Ferrous metal	19 10 01iron and steel waste	50 Tonnes	1 year
viii)	Non-ferrous metal	19 10 02 non-ferrous waste	50 Tonnes	1 year
ix)	plastic	19 12 04 rubber and plastic	40 Tonnes	1 year
x)	rubber	19 12 04 rubber and plastic		1 year
xi)	mercury switches etc	19 10 05* other fractions containing dangerous substances	2 tonnes	1 year
xii)	others	19 10 06 other fractions other than those mentioned in 19 10 05	5 tonnes	1 year

(*) asterisk denotes hazardous waste

9.1.2 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.

10 Amenity management and reporting

10.1 Monitoring and control of odorous emissions

10.1.1 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 10.1. 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 10.1 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: • by the site manager or supervisor, at least once 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.

10.1.2 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.

10.2 Monitoring and control of pest infestations

10.2.1 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 10.2. 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.

Table10.2 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.

10.3 **Control of litter**

10.3.1 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.

10.3.2 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.

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

11.2.1 A record shall be kept of each load of waste accepted. This record shall include the following details:

(a) unit types and quantities (numbers) and whether units contain refrigerant and/or compressor

(b) date and time received

(c) date processed in accordance with table 5.1(b)

Records of unit destruction

11.2.2 A record of each unit destroyed shall be maintained. This record shall include the following details:

(a) unit type

(b) date of destruction

11.2.3 The quantity of refrigerant and blowing agent recovered shall be recorded on a monthly basis. This record shall include the following details:

(a) quantity of refrigerant collected

(b) quantity of blowing agent collected

(c) the number of each unit type processed and destroyed

Residual wastes removed

11.2.4 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 quantities of wastes as specified in table 9.1

Summary records of wastes processed, removed and efficiency monitoring

11.2.5 A summary record in the format specified in Appendix A of the wastes processed and the residual waste material produced shall be shall be submitted to the Agency on a monthly basis.

11.2.6 A summary record in the format specified in Appendix B of the efficiency of the processing operations shall be shall be submitted to the Agency on a monthly basis

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.

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

12 **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 areas 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 unreacted 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;

"fugitive emissions"

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;

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

"pre-treatment"
includes the removal of foodstuffs, food residues and loose material, 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:

c) annually or per year: 1 April to 31 March;
d) quarterly: 1 April to 30 June, 1 July to 30 September, 1 October to 31 December, 1 January to 31 March;
e) monthly: calendar month;
f) 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.

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Appendix A

Summary record of wastes processed and residual material removed

General details	
Licence holder	
Licence No.	
Month	
Start date	
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	Tonnes
HC refrigerants	14 06 03* other solvents and solvent mixtures	
Blowing agent	14 06 01* Chlorofluorocarbons, HCFC, HFC	Tonnes
HC blowing agents	14 06 03* other solvents and solvent mixtures	
Polyurethane foam	19 12 04 rubber and plastic	Tonnes
Ferrous metal	19 10 01iron 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	
mercury switches etc	19 10 05* other fractions containing dangerous substances	Kg
others	19 10 06 other fractions other than those mentioned in 19 10 05	Kg

Appendix B

Destruction process efficiency monitoring	
Licence holder	
Licence No.	
Start date	
Finish date	
Test personnel	

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)	Kg
Weight of filled containers (G)	Kg
Total weight of CFC R12 (H)	Kg
Av weight of CFC per unit [(C+D)-(A+B)]/H	g per unit

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*

ASSOCIATED BRITISH PORTS
SOUTH WALES Engineering Department
ALEXANDRA DOCK

SIMS METAL UK LTD
SITE LOCATION PLAN
LP1

Port of Newport

MARK S ELLIOTT

JUL 02

N.T.S

02/JUL/02

Notes