

figaroo Fluorochemical WASTE

What is Waste?

- WASTE = Anything no longer wanted.
Used fluorochemicals can become "Waste"
- Waste Fluorochemicals are considered to be
HAZARDOUS Waste due to their effect
on the environment (if released)

Hazardous Waste

Requires:

- Specific Permits for transport and storage
(Permits issued by local authorities)

Refrigerant
recovery
machine and
recovery
container



Recovered Refrigerant Processing



Source: BOC Refrigerants

Shipping document (UK Examples)

The Hazardous Waste Regulations 2005: Consignment and schedule of carriers note

BOC

PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY (delete as appropriate)

PART A Notification of details 1 Consignment note code: _____

2 The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile):

3 Premises code (where applicable): _____

4 The waste will be taken to (name, address and postcode):
 BOC LIMITED, HOBSON WAY, STALLINGBOROUGH,
 GRIMSBY, NORTHEAST Lincs. DN41 8DZ

5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):

PART B Description of the waste 2 SIC for the process giving rise to the waste: _____

1 The process giving rise to the waste(s) is: _____
Manufacture/transfer of refrigerant and air-conditioning systems

3 Waste details (reference reuse (than one reuse type) to be collected all of the information given below must be completed for each EWC identified)

Description of waste	List of wastes (EWC code) (6 digits)	Quantity (kg)	The chemical/biological components of the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard Code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
Recovered refrigerant	1 4 0 8 0 1			100%	Liquid	H14	
Recovered refrigerant	1 4 0 8 0 1				Liquid	H14	

The information below is to be completed for each EWC identified

EWC code	Packing group(s)	UN identification number(s)	Proper shipping name(s)	UN class(es)	Special handling requirements
1 4 0 8 0 1		1075	Refrigerant Gas N.O.S.	2.2	
1 4 0 8 0 1		1076	Refrigerant Gas N.O.S.	2.2	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A3, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier name: BOC Ltd, Priestley Road, Surrey Research Park, Guildford, Surrey, GU2 7XY

Print Name: _____ Print Name: _____ Print Name: _____ Print Name: _____

3.1 Vehicle registration no.: _____ 3.2 Vehicle registration no.: _____ 3.3 Vehicle registration no.: _____ 3.4 Vehicle registration no.: _____

Signature: _____ Signature: _____ Signature: _____ Signature: _____

Date: _____ Time: _____ Date: _____ Time: _____ Date: _____ Time: _____ Date: _____ Time: _____

PART D Consignor's certificate

I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1 Consignor name:
 On behalf of (name, address, postcode, telephone, e-mail, facsimile):

AS PART A2

Signature: _____
 Date: _____ Time: _____

PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/ rejected	Waste management operation (R or D code)

1 I received this waste at the address given in A4 on:
 Date: _____ Time: _____

2 Vehicle registration no.: _____

3 Where waste is rejected please provide details:

I certify that waste management licence/permit/authorised exemption no(s):
 EA/MML/73028

authorises the management of the waste described in B at the address given in A4.

Signature: _____
 Date: _____ Time: _____

Name: _____
 On behalf of: _____

BOC Gases, Hobson Way, Stallingborough, DN41 8DZ

For safety reasons recovery and decant packages must NOT be filled above the weight indicated on the package. Use only packages designed for the purpose intended.



LARGE CYLINDERS & DRUMS
 Hazardous Waste Consignment Note

CN No. 85553

Part A. WASTE PRODUCER, SITE & CONTRACTOR DETAILS
 (To be completed by the Refrigeration Engineer)

Name and address of the site from which the waste refrigerant has been removed:

Telephone No.: _____ Post Code: _____

Name and address of the Refrigerator/Air Conditioning company removing the waste:

Telephone No.: _____ Post Code: _____

Engineer's Name (Block Capitals): _____ Signature: _____

Site Premises Code: _____ Refrigeration Engineers Permit Code: _____
(if more than 200kg/yr is produced from this site) (if less than 200kg/yr is produced from this site)

I certify that the hazardous waste described on this consignment note will be taken to HRP hereafter to be collected and processed by BOC Ltd, Hobson Way, Stallingborough, Grimsby, North East Lincolnshire, DN41 8DZ.

By signing this document I hereby agree to the terms and conditions as detailed overleaf

Part B. DESCRIPTION OF WASTE - RECOVERED REFRIGERANT

European Waste Catalogue Code: 14 - 06 - 01*

(To be completed by the Refrigeration Engineer) Hazard Code: H14
 Proper Shipping Name: Refrigerant Gas N.O.S. Physical Form: Liquid
 UN Class: 2.2 SIC for the process giving rise to this waste: 29.22
 UN Identification No.: 1075 The process giving rise to this waste was maintenance of a refrigeration/air conditioning system.

Container Number	Net Weight Recovered (kg)	Type of Refrigerant Recovered	Tick if Credit is Required	For BOC Use Only		Reference Number
				Actual Weight Received (kg)	Comments	
1						
2						
3						
4						

Maximum Fill Rates: 53 kgs of recovered refrigerant in a 60 litre water capacity cylinder
 800 kgs of recovered refrigerant in a 1000 litre water capacity drum
 Credit will only be issued for cylinders containing more than 40kg net weight

Part C. TRANSFER DETAILS - Collection from the waste producers premises or accepting delivery at an HRP Service Centre

(To be completed by HRP driver if collected or refer 'Transfer Counter Staff' if delivered) Collected by HRP
 Delivered by Contractor to HRP:

Registered Waste Carrier HRP Ltd: _____ Service Centre: _____ Vehicle Registration No.: _____
 HRP Drivers Name (Block Capitals): _____ Signature: _____

Part D. WASTE TRANSFER STATION TO REGISTERED WASTE CARRIER

(To be completed by the collecting BOC Driver)

Date Accepted: _____ Time Accepted: _____ Date Collected: _____ Time Collected: _____

Accepted by (Block Capitals): _____ Collected by (Block Capitals): _____

Signature: _____ Signature: _____

Licence Details:

HRP Ltd	Waste Carrier
Registration Number: SKF7791087	
Registration Authority: EA, Anglian Region	

BOC	Waste Management	Waste Carrier
Registration Number: EA/MML/73028		SRW03889
Registration Authority: EA, Anglian Region	Environmental Agency	Surrey County Council

NOTE: THIS DOCUMENTATION MUST BE KEPT SAFELY FOR THREE YEARS

Distribution: HRP Service Centre (White) / BOC (Blue) / Contractor (Yellow) End User (Green)

USED fluorochemicals

MUST be RECOVERED for treatment:

Do not mix different fluids

Use dedicated recovery container

Correct paper-work

Return to a certified Reclaim unit

Contact your Refrigerants supplier for information