

Subject:

WEEE

Presented by: Huib van Westen

Podgorica, Montenegro
3-5 November 2015



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Contents

- Waste Frame Work Directive
- WEEE Directive
- Euopean Waste List
- Detection of illegal shipments/exercise



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European Directives and Regulations

Directives

- A **directive** is a legal act of the European Union which requires member states to achieve a particular result without dictating the means of achieving that result. It can be distinguished from regulations which are self-executing and do not require any implementing measures. Directives normally leave member states with a certain amount of leeway as to the exact rules to be adopted. Directives can be adopted by means of a variety of legislative procedures depending on their subject matter



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Regulations

- A **regulation** is a legal act of the European Union that becomes immediately enforceable as law in all member states simultaneously. Regulations can be distinguished from directives which, at least in principle, need to be transposed into national law.
- Regulations can be adopted by means of a variety of legislative procedures depending on their subject matter



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Waste Framework Directive

- Exclusions
- Definitions
- Waste hierarchy
- By-products vs end-of-waste
- List of waste



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Definitions

'waste' means
any substance or object which the holder discards or
intends or
is required to discard

'hazardous waste' means
waste which displays one or more of the hazardous properties listed
in Annex III;

- *Waste oils and bio-waste*
- *Holder, producer, dealer, broker, etc.*
- *Prevention, re-use, recovery, recycling, regeneration and disposal*



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WEEE Directive

- Scope
- Definitions
- Collection and treatment
- Recovery targets
- Inspection and shipments
- Penalties
- Transposition



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Scope

- measures to protect the environment and human health by preventing or reducing the adverse impacts of the generation and management of waste from electrical and electronic equipment (WEEE)
- This Directive shall apply to electrical and electronic equipment (EEE) as follows:
 - (a) from 13 August 2012 to 14 August 2018 (transitional period), subject to paragraph 3, to EEE falling within the categories set out in Annex I. Annex II contains an indicative list of EEE which falls within the categories set out in Annex I;
 - (b) from 15 August 2018, subject to paragraphs 3 and 4, to all EEE. All EEE shall be classified within the categories set out in Annex III. Annex IV contains a non-exhaustive list of EEE which falls within the categories set out in Annex III (open scope).



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- See the annexes I II, III and IV and article 2 for which WEEE is under or not (yet) under the scope of the Directive
- And in which category it's mentioned
- Be keen on the transitional period



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Definitions, Article 3

- 'electrical and electronic equipment' or 'EEE' means equipment which is dependent on electric currents or electromagnetic fields in order to work properly and equipment for the generation, transfer and measurement of such currents and fields and designed for use with a voltage rating not exceeding 1 000 volts for alternating current and 1 500 volts for direct current;
- 'waste electrical and electronic equipment' or 'WEEE' means electrical or electronic equipment which is waste within the meaning of Article 3(1) of Directive 2008/98/EC, including all components, sub-assemblies and consumables which are part of the product at the time of discarding;



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- 'WEEE from private households' means WEEE which comes from private households and WEEE which comes from commercial, industrial, institutional and other sources which, because of its nature and quantity, is similar to that from private households. Waste from EEE likely to be used by both private households and users other than private households shall in any event be considered to be WEEE from private households;
- In addition, the definitions of 'hazardous waste', 'collection', 'separate collection', 'prevention', 're-use', 'treatment', 'recovery', 'preparing for re-use', 'recycling' and 'disposal' laid down in Article 3 of Directive 2008/98/EC shall apply.



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Collection and treatment

- Seperate collection (art 5)
- Specifics for disposal and transport (art 6)
- Collection rates (art 7)
- Proper treatment (art 8)



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Recovery targets

- Targets mentioned in article 11 and Annex V
- Depending on sort of WEEE and in which category
- Depending on transitional phase



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Inspection and shipments

- Shipments out of EU should be in compliance with 1013/2006 and 1418/2007
- According minimum requirements mentioned in Annex VI for EEE suspected as WEEE



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Annex VI

- Copy invoice/ contract stated items used for direct re-use and is fully functional
- Testing/ functionality documents
- Declaration that NONE of the items is waste
- Appropriate protection against damage during transport, loading and unloading through sufficient packaging/ stacking



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Penalties

- The Member States shall lay down the rules on penalties applicable to infringements
- The penalties provided must be effective, proportionate and dissuasive.



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European Waste List (2000/532/EC) amendement 2014/955/EU

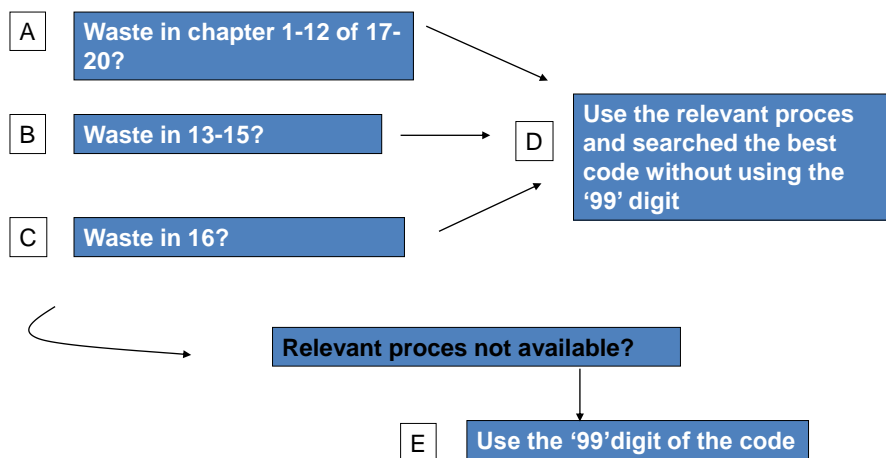
- Identify the source generating the waste in Chapters 01 to 12 or 17 to 20 and identify the appropriate six-digit code of the waste (excluding codes ending with 99 of these chapters). Note that a specific production unit may need to classify its activities in several chapters
- If no appropriate waste code can be found in Chapters 01 to 12 or 17 to 20, the Chapters 13, 14 and 15 must be examined to identify the waste.
- If none of these waste codes apply, the waste must be identified according to Chapter 16.
- If the waste is not in Chapter 16 either, the 99 code (wastes not otherwise specified) must be used in the section of the list corresponding to the activity identified in step one.



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European Waste List (2000/532/EC)

Any waste marked with an asterisk (*) is considered as a hazardous waste pursuant to Article 1(4), first indent, of Directive 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1(5) of that Directive applies.



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Chapters of the list

- 01 Wastes resulting from exploration, mining, dressing and further treatment of minerals and quarry
- 02 Wastes from agricultural, horticultural, hunting, fishing and aquacultural primary production, food preparation and processing
- 03 Wastes from wood processing and the production of paper, cardboard, pulp, panels and furniture
- 04 Wastes from the leather, fur and textile industries
- 05 Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
- 06 Wastes from inorganic chemical processes
- 07 Wastes from organic chemical processes
- 08 Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
- 09 Wastes from the photographic industry
- 10 Inorganic wastes from thermal processes
- 11 Inorganic metal-containing wastes from metal treatment and the coating of metals, and non-ferrous hydrometallurgy
- 12 Wastes from shaping and surface treatment of metals and plastics
- 13 Oil wastes (except edible oils, 05 and 12)
- 14 Wastes from organic substances used as solvents (except 07 and 08)
- 15 Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
- 16 Wastes not otherwise specified in the list
- 17 Construction and demolition wastes (including road construction)
- 18 Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)
- 19 Wastes from waste treatment facilities, off-site waste water treatment plants and the water industry
- 20 Municipal wastes and similar commercial, industrial and institutional wastes including separately collected fractions



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EWL code?



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EWL Code?



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The environmental impact



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Sometimes other topics.....



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Documents

- Customs document
- Invoice or Packing list
- Testcertificate
- Bill of Lading
- Annex VII



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**human
dynamics**
public sector consulting

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UITVOERGELIEDOCUMENT	Afzender/Expporteur (2) Nr.		EX A	Indic ABO (532)	
	DEMO BERISHA KOTTERWEG 25 - 45768 MARL DE		Formulieren (3)	Aang. veil (500)	
			2	3	
			Aankomst (5)	Totaal cell (6)	Datum van afsluit: 17/09/2013 Deurennummer: NL000396
			3	3	
	Geadresseerde (8) Nr.		Referentienummer (7)		
	C. GAMACO INVEST. LTD. IBIDOJA STREET 12 - - OJO LAGOS NG		TCLU 862579-6 / ---		
			Code bestrijdingsmaatregelen (629)		Code L. verzakl. (15)
			a NL		a NG
			Code L. bestemming (17)		
			a NG		
	Code(s) land(en) die deel uitmaken van het vervoersproject (513)				
	Aangever/vervoersvoordiger (14) Nr. NL002538465		Vervoersvoordiger indiner somn aangifte (14b) Nr.		
	Transit World Services BV Brinklaan 85 3081 AB Rotterdam NL		[3] KOTTERWEG 25 - 45768 MARL DE		
	Identiteit van het vervoersmiddel bij voortzet (18)		Brutomassa (kg) (59)		
	TCLU 862579-6		2.225,000		
	Vervoerswijze aan	Plaats van de goederen (30)	Vervoerswijzenummer (508)		
	1 de grens (29)	3198 LB 71 TERREIN			
	Kantoor van uitgang (63)				
	BE101000				
	Merk en nummers - Containertyp(e) en soort				
	300 CHAIRS				
	TCLU 862579-6 - CN (Container, niet op andere wijze omschreven als transp.middel) - 1 pieces				
	Containers: TCLU8625796				
	Aank. (21)				
	Omschrijving van de goederen (312)				

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2	CN (Container, niet op andere wijze omschreven als transp.middel) - 1 pieces TCLU 862579-6	45 SCHOOL TABLES
	- DEMO BERISHA - KOTTERWEG 25 - 45768 MARL	- C. GAMACO INVEST. LTD. - IBIDOJA STREET 12 - - OJO LAGOS
	TCLU 862579-6	94036090 00 0000 4099 00
	TCLU 862579-6 / ---	TCLU8625796
	1999 (Fictieve beschikcode bij uitvoer (zwaar beschied)) - UITVOER	
	Y903 (Andere goederen dan cultuurogoederen) - UITVOER	
	N705 (Cognosement) - TCLU 862579-6	
	9001 (Se exemplar enig document) - UITVOER	
	Y520 (Goederen andere dan vermeld in de voetnoten bij de maatregel) - UITVOER	
	Y521 (Goederen die niet aan de verbodsbepaling zijn onderworpen) - UITVOER	
	Y905 (Goederen van historisch belang uitsluitend in musea te zien) - UITVOER	
	Y908 (Uitv. naar bepaalde gebieden die deel zijn van een lidstaat) - UITVOER	
	Y922 (Verklaring: ander dan katten- en honden bont vo. 1523/07) - UITVOER	
	Y900 (Goederen niet opgenomen in verdrag van washington (cites)) - UITVOER	
	30400 (Ret-exp) - DEMO BERISHA	
		10 NL NG 405,000
		EX 900,00 405,000
3	CN (Container, niet op andere wijze omschreven als transp.middel) - 1 pieces TCLU 862579-6	135 SCHOOL CHAIRS
	- DEMO BERISHA - KOTTERWEG 25 - 45768 MARL	- C. GAMACO INVEST. LTD. - IBIDOJA STREET 12 - - OJO LAGOS
	TCLU 862579-6	94016000 00 4099 0000 00
	TCLU 862579-6 / ---	TCLU8625796
	1999 (Fictieve beschikcode bij uitvoer (zwaar beschied)) - UITVOER	
	Y903 (Andere goederen dan cultuurogoederen) - UITVOER	

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COMMERCIAL INVOICE

1305498

DEMO BERISHA
KÖTTERWEG 25
45768 MARL

C. Gamaco invest. Ltd.
no. 12 ibidoja street
ALABA INT'L MKT
OJO LAGOS
NIGERIA

1 x 40' HC Ctnr: tclu 862579-6
MARL - Lagos TCI

DATE: 17.05.2013
DEL.TERM: FOB

UITGAANDE HAVEN ANTWERPEN
DINTELWEG 71 7198 LB EUROPOORT ROTTERDAM

QTY		PRICE	Weight kgs
300	CHAIRS	2700	1500
45	SCHOOL TABLES	900	405
135	SCHOOL CHAIRS	650	320
		EUR 4250	2225



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TESTRAPPORT CONTAINER NUMBER :MSCU987664-4

Artikel Name and brand	Series Number	Test date	tested by
SINGER SYMASKIN	ART.NR.C4737	23/12/14	RAAMAR ELEKTRONIK...
AEG SYMASKIN	ART.NR.C2774	23/12/14	V. HINDBYVAGEN 14
BAGINBAR SYMASKIN	ART C4738	23/12/14	214 58 MALMO
PHILIPS T.V 40	E21A1444007501	23/12/14	TEL 0762636220/076263720
JOSHIBA T.V 32	E147361000774	23/12/14	ORG.NR197311058631
J.V.C T.V 40	BLPE 236423	23/12/14	
SAMSUNG T.V 40	769535BF300035	23/12/14	
SAMSUNG T.V 46	UE46F5305XXE	23/12/14	
JOSHIBA T.V 40	40E1353N	23/12/14	
ELECTROLUX MACHINE MACHINE	44700168	23/12/14	
L.G.T.V 42	905NAY770866	23/12/14	
CANON COPY MACHINE	1R3200	23/12/14	
KONICA MINOLTA COPY MACHINE	B12HUB222	23/12/14	
WHIRPOOL FREEZER	854985796100	23/12/14	
SAMSUNG FREEZER	CH4HBF8005705	23/12/14	
WHIRPOOL WASHING MACHINE	12N.C.8593834010	23/12/14	
WHIRPOOL WASHING MACHINE	12NC857232061010	23/12/14	
SAMSUNG WASHING MACHINE	SN06TUS3BFS00020	23/12/14	



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[illegible]

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[illegible]

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BEGELEIDENDE INFORMATIE BIJ OVERBRENGINGEN VAN AFVALSTOFFEN ALS BEDEELD IN ARTIKEL 3, LEDEN 2 EN 4

Informatie over de zending (1)

1. Opdrachtgever voor de overbrenging Naam: HKS Scrap Metals BV Adres: Kwadrantweg 12 1042 AG Amsterdam/Nederland Contactpersoon: E. Ulland Tel: +31653357676 Fax: +31205877191 E-mail: erwu@utendaal@hksmetals.eu		2. Importeur/ontvanger: Naam: HKS Scrap Metals BV Adres: Kwadrantweg 12 1042 AG Amsterdam/Nederland Contactpersoon: E. Ulland Tel: +31653357676 Fax: +31205877191 E-mail: erwu@utendaal@hksmetals.eu	
3. Feitelijke hoeveelheid: 2 kg 080 liter		4. Feitelijke overbrengingsdatum: 03-03-15	
5 a) 1° vervoerder: Naam: Schavemaker Transport BV Adres: Lijndenweg 17 1948 ND Beverwijk/Nederland Contactpersoon: M. Fens Tel: (+31) 251 223081 Fax: (+31) 251 241068 E-mail: m.fens@schavemaker.com Vervoerswijze: Road Overbrengingsdatum: Handtekening:	5 b) 2° vervoerder: Naam: Heindusma Adres: Lijndenweg 17 1948 ND Beverwijk/Nederland Contactpersoon: M. Fens Tel: (+31) 251 223081 Fax: (+31) 251 241068 E-mail: m.fens@schavemaker.com Vervoerswijze: Road Overbrengingsdatum: Handtekening:	5 c) 3° vervoerder: Naam: Adres: Contactpersoon: Tel: Fax: E-mail: Vervoerswijze: Overbrengingsdatum: Handtekening:	
6. Productent van de afvalstoffen (*) Oorspronkelijke producent(en), nieuwe producent(en) of inzamelaar: Naam: Rohstoffhandel Heinrichs GmbH Adres: Am Dörfelmannhof 30, DE 45886 Gelsenkirchen Contactpersoon: Herr Heinrichs Tel: +49 2091774560 Fax: +49 17745678 E-mail: c.heinrichs@roha.net		7. Handeling tot nuttige toepassing (of, in voorkomend geval, tot verwijdering, in het geval van afvalstoffen bedoeld in artikel 3, lid 4): R-code/D-code: R4	
7. Inrichting voor nuttige toepassing Laboratorium Naam: TATA Steel Adres: Wenckebachstraat 1, IJmuiden/Nederland Contactpersoon: Orhan Bacacak Tel: 02514-95518 Fax: 02514-70156 E-mail: orhan.bacacak@tatasteel.com		10. Identificatie van de afvalstoffen (relevante codes invullen): i) Bazel - Bijlage IX: B1010 ii) OESO (indien verschillend van i): iii) Bijlage IIIA (4): iv) Bijlage IIIB (5): v) EG-lijst van afvalstoffen: vi) Nationale code: 191202 ASN Nr.: 07329010108A	
11. Betrokken land(en) (sta(n)t(en)): Uitvoer/verzending: Doorvoer: Invoer/afschrijving:			
12. Verklaring van de opdrachtgever voor de overbrenging: Hierbij verklaar ik dat de bovenstaande informatie naar mijn beste weten volledig en correct is. Voorts verklaar ik dat schriftelijk juridisch bindende contractuele verplichtingen zijn aangegaan met de ontvanger (niet vereist in geval van afvalstoffen bedoeld in artikel 3, lid 4). Naam: E. Ulland Datum: 03-03-15 Handtekening:			
13. Ondertekening na ontvangst van de overbrenging door de ontvanger: Naam: Datum: Handtekening:			
14. Overbrenging ontvangen door inrichting voor nuttige toepassing of laboratorium Naam: Datum: Overbrenging: Overbrengingsdatum: Handtekening:			



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BEGELEIDENDE INFORMATIE BIJ OVERBRENGINGEN VAN AFVALSTOFFEN ALS BEDEELD IN ARTIKEL 3, LEDEN 2 EN 4

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6. Productent van de afvalstoffen (*) Oorspronkelijke producent(en), nieuwe producent(en) of inzamelaar: Naam: Rohstoffhandel Heinrichs GmbH Adres: Am Dörfelmannhof 30, DE 45886 Gelsenkirchen Contactpersoon: Herr Heinrichs Tel: +49 2091774560 Fax: +49 17745678 E-mail: c.heinrichs@roha.net		7. Handeling tot nuttige toepassing (of, in voorkomend geval, tot verwijdering, in het geval van afvalstoffen bedoeld in artikel 3, lid 4): R-code/D-code: R4	
7. Inrichting voor nuttige toepassing Laboratorium Naam: TATA Steel Adres: Wenckebachstraat 1, IJmuiden/Nederland Contactpersoon: Orhan Bacacak Tel: 02514-95518 Fax: 02514-70156 E-mail: orhan.bacacak@tatasteel.com		10. Identificatie van de afvalstoffen (relevante codes invullen): i) Bazel - Bijlage IX: B1010 ii) OESO (indien verschillend van i): iii) Bijlage IIIA (4): iv) Bijlage IIIB (5): v) EG-lijst van afvalstoffen: vi) Nationale code: 191202 ASN Nr.: 07329010108A	
11. Betrokken land(en) (sta(n)t(en)): Uitvoer/verzending: Doorvoer: Invoer/afschrijving:			
12. Verklaring van de opdrachtgever voor de overbrenging: Hierbij verklaar ik dat de bovenstaande informatie naar mijn beste weten volledig en correct is. Voorts verklaar ik dat schriftelijk juridisch bindende contractuele verplichtingen zijn aangegaan met de ontvanger (niet vereist in geval van afvalstoffen bedoeld in artikel 3, lid 4). Naam: E. Ulland Datum: 03-03-15 Handtekening:			
13. Ondertekening na ontvangst van de overbrenging door de ontvanger: Naam: Datum: Handtekening:			
14. Overbrenging ontvangen door inrichting voor nuttige toepassing of laboratorium Naam: Datum: Overbrenging: Overbrengingsdatum: Handtekening:			



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7. Inrichting voor nuttige toepassing Laboratorium Naam: TATA Steel Adres: Wenckebachstraat Limuiden/Nederland Contactpersoon: Orhan Bacacak Tel.: 02514-95518 Fax: 02514-70156 E-mail: orhan.bacacak@tatasteel.com		10. Identificatie van de afvalstoffen (relevante codes invullen): i) Bazel – Bijlage IX: B1010 ii) OESO (indien verschillend van i): iii) Bijlage IIIA (4): iv) Bijlage IIIB (5): v) EG-lijst van afvalstoffen: vi) Nationale code: 191202 ASN Nr.: 07329010108A
11. Betrokken land(en)/sta(n)t(en):		
Uitvoer/verzending		Doorvoer
Duitsland		Nederland
12. Verklaring van de opdrachtgever voor de overbrenging: Hierbij verklaar ik dat de bovenstaande informatie naar mijn beste weten volledig en correct is. Voorts verklaar ik dat schriftelijk juridisch bindende contractuele verplichtingen zijn aangegaan met de ontvanger (niet vereist in geval van afvalstoffen bedoeld in artikel 3, lid 4): Naam: E. Uitendaal Datum: 03-03-15 Handtekening: <i>E. Uitendaal</i>		
13. Ondertekening na ontvangst van de overbrenging door de ontvanger: Naam: Datum: Handtekening:		
IN TE VULLEN DOOR DE INRICHTING VOOR NUTTIGE TOEPASSING OF DOOR HET LABORATORIUM		
14. Overbrenging ontvangen door inrichting voor nuttige toepassing of laboratorium		Ontvangen hoeveelheid: kg: liter:
Naam: Datum: Handtekening:		



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Packaging, ...



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Refrigerants

•prohibited

•CFC	HCFC
•R11	R22
• R12	R123
•R13	R124
•R14	R142b
•R500	R401a/ R401b
•R502	R402a/ R402b
•R503	R403a/ R403b
•	R408a
•	R409a/
R409b	

•allowed

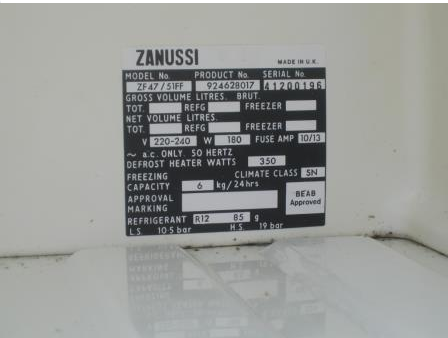
•HFC	Others
•R23	R170
•R32	R290
•R107a	R600a
•R125	R717
• R134a	R744
•R143a	R1270
•R152a	R718
•R227ea	
•....	



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Fake stickers



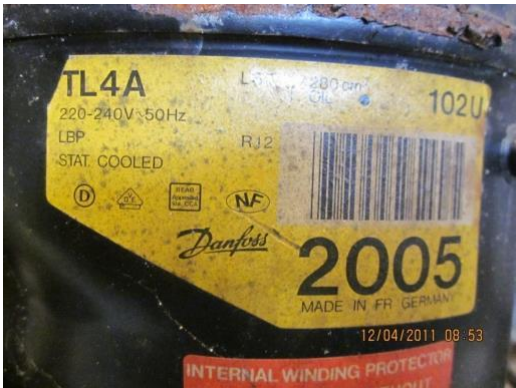
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Questions?



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