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**GOVERNMENT NOTICES • GOEWERMENTSKENNISGEWINGS**

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**DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT**

NO. 3928

2 October 2023

**NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008  
(ACT NO. 59 OF 2008)****CONSULTATION ON THE PROPOSED AMENDMENTS TO THE REGULATIONS REGARDING THE  
CONTROL OF THE IMPORT OR EXPORT OF WASTE**

I, Barbara Dallas Creecy, Minister of Forestry, Fisheries and the Environment, hereby under section 69(1)(j), read with sections 72 and 73 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), consult on the proposed amendments to the Regulations regarding the Control of the Import or Export of Waste, 2019, set out in the Schedule hereto.

Members of the public are invited to submit to the Minister, within 30 days from the date of publication of this notice in the *Gazette*, written comments or inputs on the proposed amendments to the Regulations regarding the Control of the Import or Export of Waste to the following addresses:

**By post to:** The Director-General: Department of Forestry, Fisheries and the Environment  
Attention: Mr Jeremia Sibande  
Director: Waste and Chemicals Policy and Information Management  
Private Bag X447  
**PRETORIA**  
0001

**By hand at:** Ground Floor (Reception), Environment House, 473 Steve Biko Road, Arcadia, Pretoria, 0001.

**By email:** [jsibande@dffe.gov.za](mailto:jsibande@dffe.gov.za)

Any enquiries in connection with the notice can be directed to Mr Jeremia Sibande at (012) 399 9832 / 067 417 3844.

The proposed amendments can also be accessed at <http://sawic.environment.gov.za/> under "Draft documents for comment".

**Comments received after the closing date may not be considered.**



**BARBARA DALLAS CREECY**  
**MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT**

## SCHEDULE

### Definitions

1. In this Schedule, unless the context indicates otherwise, **“the Regulations”** means the Regulations published under Government Notice No. R. 22 in *Government Gazette* 42175 of 21 January 2019.

### Amendment of regulation 1 of the Regulations

2. Regulation 1 of the Regulations is hereby amended by —
  - (a) the substitution for the definition of **“competent authority”** of the following definition:

**“competent authority”** means the national department responsible for the environment for the consideration of applications for consent for the transboundary movement of waste in South Africa;”;
  - (b) the substitution for the definition of **“consent”** of the following definition:

**“consent”** means written authorisation prior to import, transit or export of waste, issued by the competent authority;”;
  - (c) the substitution for the definition of **“notification document”** of the following definition:

**“notification form”** means the application form for the import, export or transit of waste provided for in Annexure 1 of these Regulations;”;
  - (d) the insertion after the definition of **“exporter”** of the following definition:

**“hazardous waste”** means hazardous waste as defined in the Act and taking into account the Republic’s obligations in terms of international agreements;”;
  - (e) the insertion after the definition of **“importer”** of the following definition:

**“mixed waste”** means waste that is unsorted;”;
  - (f) the insertion after the definition of **“movement document”** of the following definition:

**“non-hazardous waste”** means general waste as defined in the Act and taking into account the Republic’s obligations in terms of international agreements;” and
  - (g) the insertion after the definition of **“the Act”** of the following definition:

**“transboundary movement”** means any movement of waste from an area under the national jurisdiction of one state to or through an area under the national jurisdiction of another state or to or through an area not under the national jurisdiction of any state, provided at least two states are involved in the movement;”.

### Amendment of regulation 2 of the Regulations

3. Regulation 2 of the Regulations is hereby amended by the substitution for regulation 2 of the following regulation:

#### **“Purpose of the Regulations**

The purpose of these Regulations is to --

2. (a) establish procedures and control measures for the import, export and transit of waste;
- (b) promote cradle-to-cradle management in the transboundary movement of waste; and
- (c) give effect to the Republic's obligations in terms of relevant international agreements on transboundary movements of waste.”

#### **Amendment of regulation 3 of the Regulations**

4. Regulation 3 of the Regulations is hereby amended by the substitution for regulation 3 of the following regulation:

##### **“Application of the Regulations**

3. (1) These Regulations apply uniformly in all provinces of the Republic of South Africa.
- (2) These Regulations do not apply to—
  - (a) the export of ferrous and non-ferrous waste and scrap as defined in the Export Control Guidelines on the Exportation of Ferrous and Non-Ferrous Waste and Scrap from the International Trade Administration Commission of South Africa;
  - (b) offloading of waste generated through normal operation of ships and offshore platforms;
  - (c) galley waste generated on board ships, vehicles, trains and aircrafts; and
  - (d) second-hand goods regulated under the Second-Hand Goods Act, 2009 (Act No. 6 of 2009), except products listed under the National Waste Information Regulations.”

#### **Amendment of regulation 4 of the Regulations**

5. Regulation 4 of the Regulations is hereby amended--

- (a) by the substitution for subregulation (1) of the following subregulation:

##### **“General Prohibitions**

4. (1) No person may -
  - (a) import any waste from a country without obtaining the consent required for the transboundary movement of waste;
  - (b) export any waste to a country without obtaining the consent required for the transboundary movement of waste;
  - (c) transit any waste through South Africa without obtaining the consent required for the transboundary movement of waste, or
  - (d) re-import waste from a country without obtaining the consent for the transboundary movement of waste.”;
- (b) by the substitution, at the end of subregulations (2) and (3), of “,” for “.”; and
- (c) by the substitution for subregulation (4) of the following subregulation:
  - “(4) No person may import infectious portion of medical waste.”

#### **Amendment of regulation 5 of the Regulations**

6. Regulation 5 of the Regulations is hereby amended by the substitution for regulation 5 of the following regulation:

**“Requirements when applying for the import of hazardous waste**

- 5.(1) An application for the import of hazardous waste submitted to the competent authority must include —
- (a) a letter of request from the competent authority of the country of export;
  - (b) a notification form completed by the exporter and stamped by the competent authority of the country of export;
  - (c) a waste management licence for the receiving waste treatment facility, where applicable;
  - (d) a contract between an exporter and an importer;
  - (e) a contract between the importer and waste treatment facility, where the importer is not the owner of the waste treatment facility;
  - (f) applicable insurance or other financial guarantee covering the movement of waste and environmental clean-up in case of an incident; and
  - (g) a material safety data sheet (MSDS) for the waste.
- (2) An applicant must obtain consent from the competent authority before importing any hazardous waste.”.

**Amendment of regulation 6 of the Regulations**

7. Regulation 6 of the Regulations is hereby amended by the substitution for regulation 6 of the following regulation:

**“Requirements when applying for the import of non-hazardous waste**

- 6.(1) An application for the import of non-hazardous waste submitted to the competent authority must include —
- (a) a letter of request from the competent authority from the country of export, where applicable, or a letter of request from the applicant in the event that the letter of request from the competent authority is not required;
  - (b) a completed notification form stamped by the competent authority of the country of export for non-hazardous waste belonging to category Y48 as per Annexure 4
  - (c) a waste management licence for the receiving waste treatment facility, where applicable;
  - (d) a contract between an exporter and an importer which must include liability for environmental clean-up in case of an incident, and
  - (e) a contract between the importer and waste treatment facility where the importer is not the owner of the waste treatment facility which must include liability for environmental clean-up in case of an incident.
- (2) An applicant must obtain consent from the competent authority before importing any non-hazardous waste.”.

**Amendment of regulation 7 of the Regulations**

8. Regulation 7 of the Regulations is hereby amended by the substitution for regulation 7 of the following regulation:

**“Requirements when applying for the export of hazardous waste**

7. (1) An application for the export of hazardous waste submitted to the competent authority must include the following—
- (a) a letter of request from the exporter;
  - (b) a completed notification form where required by the country of import;
  - (c) a waste management licence for the receiving waste treatment facility or equivalent legal document in the country of import;
  - (d) a contract between an exporter and an importer;

- (e) applicable insurance or other financial guarantee covering the movement of waste and environmental clean-up in case of an incident; and
  - (f) material safety data sheet (MSDS) for the waste.
- (2) An applicant must obtain consent from the competent authority before exporting any hazardous waste.
- (3) No export of hazardous waste shall commence without consent from the competent authority of the country of transit, where applicable.”

#### **Amendment of regulation 8 of the Regulations**

9. Regulation 8 of the Regulations is hereby amended by the substitution for regulation 8 of the following regulation:

##### **“Requirements when applying for the export of non-hazardous waste**

- 8.(1) An application for the export of non-hazardous waste submitted to the competent authority must include —
- (a) a letter of request from the exporter;
  - (b) a completed notification form for the export of non-hazardous waste belonging to category Y48 as per Annexure 4;
  - (c) a waste management license for the receiving waste treatment facility or equivalent legal document in the country of import;
  - (d) a contract between an exporter and an importer which must include liability for environmental clean-up in case of an incident; and
  - (e) any other information requested by the competent authority of the country of import.
- (2) An applicant must obtain consent from the competent authority before exporting any non-hazardous waste.”

#### **Amendment of regulation 9 of the Regulations**

10. Regulation 9 of the Regulations is hereby amended by the substitution for regulation 9 of the following regulation:

##### **“Requirements when applying for the transit of hazardous waste**

- 9.(1) An application for the transit of hazardous waste submitted to the competent authority must as a minimum, include —
- (a) a letter of request from the competent authority from the country of export;
  - (b) a completed notification form;
  - (c) applicable insurance or other financial guarantee covering the movement of waste and environmental clean-up in case of an incident; and
  - (d) a contract between the importer and exporter.
- (2) An applicant must obtain consent from the competent authority before the transit of any waste.”

#### **Amendment of regulation 10 of the Regulations**

11. Regulation 10 of the Regulations is hereby amended by the substitution for regulation 10 of the following regulation:

##### **“Decision**

10. (1) The competent authority must issue a decision in the form of a consent or a refusal.

- (2) A consent for the import, export or transit of waste must contain the following information:
- (a) Name of applicant and their contact details;
  - (b) Names of the importer and exporter;
  - (c) Country of import, export or transit;
  - (d) Name of receiving waste treatment facility;
  - (e) Type of waste;
  - (f) Quantity of waste;
  - (g) Number of shipments or consignments; and
  - (h) Validity period for the consent.
- (3) The consent must include conditions.
- (4) The consent may be withdrawn in the event of non-compliance with applicable conditions.
- (5) An application for consent may be refused due to previous non-compliance with the Regulations by the importer or exporter or applicable conditions of any previous consent issued.
- (6) An application for consent may be refused with reasons.”

#### **Amendment of regulation 12 of the Regulations**

12. Regulation 12 of the Regulations is hereby amended by the substitution for subregulation (2) of the following subregulation:

- “(2) The records contemplated in Regulation 5, 6, 7, 8, 9 and 10 must be--
- (a) retained for a period of at least five years; and
  - (b) made available to the competent authority upon request.”

#### **Amendment of regulation 13 of the Regulations**

13. Regulation 13 of the Regulations is hereby amended by the substitution for regulation 13 of the following regulation:

##### **“Offences**

13. A person commits an offence if that person-
- (a) contravenes or fails to comply with regulations 4, 5(2), 6(2), 7(2), 8(2), 9(2), 11 or 12 of these Regulations; or
  - (b) provides false or misleading information to a competent authority.”

#### **Commencement**

14. These amendments to the Regulations regarding the Control of the Import or Export of Waste, 2019 will come into operation on the date of signature by Minister.

Annexure 1

Notification document for transboundary movements/shipments of waste

<p><b>1. Exporter - notifier</b> Registration No: Name: Address:  Contact person: Tel: Fax: E-mail:</p>	<p><b>3. Notification No:</b> <b>Notification concerning</b> A.(i) Individual shipment: <input type="checkbox"/> (ii) Multiple shipments: <input type="checkbox"/> B.(i) Disposal (1): <input type="checkbox"/> (ii) Recovery: <input type="checkbox"/> C. Pre-consented recovery facility (2;3) Yes <input type="checkbox"/> No <input type="checkbox"/></p>												
<p><b>2. Importer - consignee</b> Registration No: Name: Address:  Contact person: Tel: Fax: E-mail:</p>	<p><b>4. Total intended number of shipments:</b> <b>5. Total intended quantity (4):</b> Tonnes (Mg): m<sup>3</sup>:</p>												
<p><b>8. Intended carrier(s)</b> Registration No: Name(7): Address:  Contact person: Tel: Fax: E-mail: Means of transport (5):</p>	<p><b>6. Intended period of time for shipment(s) (4):</b> First departure: Last departure: <b>7. Packaging type(s) (5):</b> <b>Special handling requirements (6):</b> Yes: <input type="checkbox"/> No: <input type="checkbox"/></p>												
<p><b>9. Waste generator(s) - producer(s) (1;7;8)</b> Registration No: Name: Address:  Contact person: Tel: Fax: E-mail: Site and process of generation (6)</p>	<p><b>11. Disposal / recovery operation(s) (2)</b> D-code / R-code (5): Technology employed (6):  Reason for export (1;6):</p>												
<p>Country of origin of waste <b>10. Disposal facility (2):</b> <input type="checkbox"/> <b>or recovery facility (2):</b> <input type="checkbox"/> Registration No: Name: Address:  Contact person: Tel: Fax: E-mail: Actual site of disposal/recovery:</p>	<p><b>12. Designation and composition of the waste (6):</b>  <b>13. Physical characteristics (5):</b> <b>14. Waste identification (fill in relevant codes)</b> (i) Basel Annex VIII (or IX if applicable): (ii) OECD code (if different from (i)):  (iii) EC list of wastes: (iv) National code in country of export: (v) National code in country of import: (vi) Other (specify): (vii) Y-code: (viii) H-code (5): (ix) UN class (5): (x) UN Number: (xi) UN Shipping name: (xii) Customs code(s) (HS):</p>												
<p><b>15. (a) Countries/States concerned, (b) Code no. of competent authorities where applicable, (c) Specific points of exit or entry (border crossing or port)</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">State of export – dispatch</th> <th style="width:33%;">State(s) of transit (entry and exit)</th> <th style="width:33%;">State of import - destination</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td></td> <td></td> </tr> <tr> <td>(b)</td> <td></td> <td></td> </tr> <tr> <td>(c)</td> <td></td> <td></td> </tr> </tbody> </table>		State of export – dispatch	State(s) of transit (entry and exit)	State of import - destination	(a)			(b)			(c)		
State of export – dispatch	State(s) of transit (entry and exit)	State of import - destination											
(a)													
(b)													
(c)													
<p><b>16. Customs offices of entry and/or exit and/or export (European Community):</b> Entry: Exit: Export:</p>													
<p><b>17. Exporter's - notifier's / generator's - producer's (1) declaration:</b> I certify that the information is complete and correct to my best knowledge. I also certify that legally enforceable written contractual obligations have been entered into and that any applicable insurance or other financial guarantee is or shall be in force covering the transboundary movement.</p> <table style="width:100%;"> <tr> <td style="width:50%;">Exporter's - notifier's name:</td> <td style="width:25%;">Date:</td> <td style="width:25%;">Signature:</td> </tr> <tr> <td>Generator's - producer's name:</td> <td>Date:</td> <td>Signature:</td> </tr> </table>		Exporter's - notifier's name:	Date:	Signature:	Generator's - producer's name:	Date:	Signature:						
Exporter's - notifier's name:	Date:	Signature:											
Generator's - producer's name:	Date:	Signature:											
<p><b>FOR USE BY COMPETENT AUTHORITIES</b></p>													
<p><b>19. Acknowledgement from the relevant competent authority of countries of import - destination / transit (1) / export - dispatch (9):</b> Country: Notification received on: Acknowledgement sent on: Name of competent authority: Stamp and/or signature:</p>	<p><b>20. Written consent (1;8) to the movement provided by the competent authority of (country):</b> Consent given on: Consent valid from: until: Specific conditions: No: <input type="checkbox"/> If Yes, see block 21 (6): <input type="checkbox"/> Name of competent authority: Stamp and/or signature:</p>												
<p><b>18. Number of annexes attached</b></p>													

- |  |  |
|--|--|
| (1) Required by the Basel Convention for hazardous waste   | (5) See list of abbreviations and codes on the next page |
| (2) In the case of an R12/R13 or D13-D15 operation, also attach corresponding information on any subsequent R12/R13 or D13-D15 facilities and on the subsequent R1-R11 or D1-D12 facility(ies) when required | (6) Attach details if necessary                          |
| (3) To be completed for movements within the OECD area and only if B(ii) applies   | (7) Attach list if more than one                         |
| (4) Attach detailed list if multiple shipments   | (8) If required by national legislation                  |
|  | (9) If applicable under the OECD Decision                |

**Annexure 2**

**Movement document for transboundary movements/shipments of waste**

<b>1. Corresponding to notification No:</b>		<b>2. Serial/total number of shipments:</b>	
<b>3. Exporter - notifier</b> Registration No:		<b>4. Importer - consignee</b> Registration No:	
Name:		Name:	
Address:		Address:	
Contact person:		Contact person:	
Tel: Fax:		Tel: Fax:	
E-mail:		E-mail:	
<b>5. Actual quantity:</b> Tonnes (Mg):	m <sup>3</sup> :	<b>6. Actual date of shipment:</b>	
<b>7. Packaging</b> Type(s) (1):	Number of packages:		
<b>Special handling requirements:</b> (2)	Yes: <input type="checkbox"/> No: <input type="checkbox"/>		
<b>8.(a) 1<sup>st</sup> Carrier (3):</b>		<b>8.(b) 2<sup>nd</sup> Carrier:</b>	
Registration No:		Registration No:	
Name:		Name:	
Address:		Address:	
Tel:		Tel:	
Fax:		Fax:	
E-mail:		E-mail:	
<b>8.(c) Last Carrier:</b>		Registration No:	
Name:		Name:	
Address:		Address:	
Tel:		Tel:	
Fax:		Fax:	
E-mail:		E-mail:	
----- <b>To be completed by carrier's representative</b> -----			
Means of transport (1):		Means of transport (1):	
Date of transfer:		Date of transfer:	
Signature:		Signature:	
<b>9. Waste generator(s) - producer(s)</b> (4-5-6):		<b>12. Designation and composition of the waste</b> (2):	
Registration No:			
Name:			
Address:			
Contact person:		<b>13. Physical characteristics</b> (1):	
Tel: Fax:			
E-mail:		<b>14. Waste identification</b> (fill in relevant codes)	
Site of generation (2):		(i) Basel Annex VIII (or IX if applicable):	
Country of origin of waste		(ii) OECD code (if different from (i)):	
<b>10. Disposal facility</b> <input type="checkbox"/> <b>or recovery facility</b> <input type="checkbox"/>		(iii) EC list of wastes:	
Registration No:		(iv) National code in country of export:	
Name:		(v) National code in country of import:	
Address:		(vi) Other (specify):	
Contact person:		(vii) Y-code:	
Tel: Fax:		(viii) H-code (1):	
E-mail:		(ix) UN class (1):	
Actual site of disposal/recovery (2)		(x) UN Number:	
<b>11. Disposal/recovery operation(s)</b>		(xi) UN Shipping name:	
D-code / R-code (1):		(xii) Customs code(s) (HS):	
<b>15. Exporter's - notifier's / generator's - producer's (4) declaration:</b>			
I certify that the above information is complete and correct to my best knowledge. I also certify that legally enforceable written contractual obligations have been entered into, that any applicable insurance or other financial guarantee is in force covering the transboundary movement and that all necessary consents have been received from the competent authorities of the countries concerned.			
Name:		Date:	
Signature:		Signature:	
<b>16. For use by any person involved in the transboundary movement in case additional information is required</b>			
<b>17. Shipment received by importer - consignee (if not facility):</b>		Date:	
Name:		Signature:	
<b>TO BE COMPLETED BY DISPOSAL / RECOVERY FACILITY</b>			



<b>18. Shipment received at disposal facility</b>		<input type="checkbox"/>	<b>or recovery facility</b>		<input type="checkbox"/>	<b>19. I certify that the disposal/recovery of the waste described above has been completed.</b>
Date of reception:		Accepted:	<input type="checkbox"/>	Rejected*:	<input type="checkbox"/>	
Quantity received:	Tonnes (Mg):	m <sup>3</sup> :	*immediately contact competent authorities		Name:	
Approximate date of disposal/recovery:						Date:
Disposal/recovery operation (1):						Signature and stamp:
Name:						
Date:						
Signature:						
(1) See list of abbreviations and codes on the next page (2) Attach details if necessary (3) If more than 3 carriers, attach information as required in blocks 8 (a, b, c).				(4) Required by the Basel Convention for hazardous waste (5) Attach list if more than one (6) If required by national legislation		

**FOR USE BY CUSTOMS OFFICES (if required by national legislation)**

<b>20. Country of export - dispatch or customs office of exit</b> The waste described in this movement document left the country on: signature:  Stamp:	<b>21. Country of import - destination or customs office of entry</b> The waste described in this movement document entered the country on: Signature:  Stamp:
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<b>22. Stamps of customs offices of transit countries</b>			
Name of country: Entry:	Exit:	Name of country: Entry:	Exit:
Name of country: Entry:	Exit:	Name of country: Entry:	Exit:

### Annexure 3

#### List of abbreviations and codes to be used when completing the Notification document

<b>DISPOSAL OPERATIONS (block 11)</b>	
D1	Deposit into or onto land, (e.g., landfill, etc.)
D2	Land treatment, (e.g., biodegradation of liquid or sludgy discards in soils, etc.)
D3	Deep injection, (e.g., injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
D4	Surface impoundment, (e.g., placement of liquid or sludge discards into pits, ponds or lagoons, etc.)
D5	Specially engineered landfill, (e.g., placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
D6	Release into a water body except seas/oceans
D7	Release into seas/oceans including sea-bed insertion
D8	Biological treatment not specified elsewhere in this list which results in final compounds or mixtures which are discarded by means of any of the operations in this list
D9	Physico-chemical treatment not specified elsewhere in this list which results in final compounds or mixtures which are discarded by means of any of the operations in this list (e.g., evaporation, drying, calcination, etc.)
D10	Incineration on land
D11	Incineration at sea
D12	Permanent storage, (e.g., emplacement of containers in a mine, etc.)
D13	Blending or mixing prior to submission to any of the operations in this list
D14	Repackaging prior to submission to any of the operations in this list
D15	Storage pending any of the operations in this list
<b>RECOVERY OPERATIONS (block 11)</b>	
R1	Use as a fuel (other than in direct incineration) or other means to generate energy (Basel/OECD) - Use principally as a fuel or other means to generate energy (EU)
R2	Solvent reclamation/regeneration
R3	Recycling/reclamation of organic substances which are not used as solvents
R4	Recycling/reclamation of metals and metal compounds
R5	Recycling/reclamation of other inorganic materials
R6	Regeneration of acids or bases
R7	Recovery of components used for pollution abatement
R8	Recovery of components from catalysts
R9	Used oil re-refining or other reuses of previously used oil
R10	Land treatment resulting in benefit to agriculture or ecological improvement
R11	Uses of residual materials obtained from any of the operations numbered R1-R10
R12	Exchange of wastes for submission to any of the operations numbered R1-R11
R13	Accumulation of material intended for any operation in this list.
<b>PACKAGING TYPES (block 7)</b>	<b>H-CODE AND UN CLASS (block 14)</b>
1. Drum	UN Class H-code Characteristics
2. Wooden barrel	1 H1 Explosive
3. Jerrican	3 H3 Flammable liquids
4. Box	4.1 H4.1 Flammable solids
5. Bag	4.2 H4.2 Substances or wastes liable to spontaneous combustion
6. Composite packaging	4.3 H4.3 Substances or wastes which, in contact with water, emit flammable gases
7. Pressure receptacle	5.1 H5.1 Oxidizing
8. Bulk	5.2 H5.2 Organic peroxides
9. Other (specify)	6.1 H6.1 Poisonous (acute)
	6.2 H6.2 Infectious substances
	8 H8 Corrosives
	9 H10 Liberation of toxic gases in contact with air or water
	9 H11 Toxic (delayed or chronic)
	9 H12 Ecotoxic
	9 H13 Capable, by any means, after disposal of yielding another material, e. g., leachate, which possesses any of the characteristics listed above
<b>MEANS OF TRANSPORT (block 8)</b>	
R = Road	
T = Train/rail	
S = Sea	
A = Air	
W = Inland waterways	

**PHYSICAL CHARACTERISTICS (block 13)**

1. Powdery/powder
2. Solid
3. Viscous/paste
4. Sludgy
5. Liquid
6. Gaseous
7. Other (specify)

## Annexure 4

**Y-codes for use, as per the amended Basel Convention when completing the Notification document when importing or exporting hazardous waste or waste requiring special consideration**

<b>HAZARDOUS WASTE STREAMS</b>	
Y1	Clinical wastes from medical care in hospitals, medical centres and clinics
Y2	Wastes from the production and preparation of pharmaceutical products
Y3	Waste pharmaceuticals, drugs and medicines
Y4	Wastes from the production, formulation and use of biocides and phytopharmaceuticals
Y5	Wastes from the manufacture, formulation and use of wood preserving chemicals
Y6	Wastes from the production, formulation and use of organic solvents
Y7	Wastes from heat treatment and tempering operations containing cyanides
Y8	Waste mineral oils unfit for their originally intended use
Y9	Waste oils/water, hydrocarbons/water mixtures, emulsions
Y10	Waste substances and articles containing or contaminated with polychlorinated biphenyls (PCBs) and/or polychlorinated terphenyls (PCTs) and/or polybrominated biphenyls (PBBs)
Y11	Waste tarry residues arising from refining, distillation and any pyrolytic treatment
Y12	Wastes from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish
Y13	Wastes from production, formulation and use of resins, latex, plasticizers, glues/adhesives
Y14	Waste chemical substances arising from research and development or teaching activities which are not identified and/or are new and whose effects on man and/or the environment are not known
Y15	Wastes of an explosive nature not subject to other legislation
Y16	Wastes from production, formulation and use of photographic chemicals and processing materials
Y17	Wastes resulting from surface treatment of metals and plastics
Y18	Residues arising from industrial waste disposal operations
<b>WASTES HAVING AS CONSTITUENTS</b>	
Y19	Metal carbonyls
Y20	Beryllium; beryllium compounds
Y21	Hexavalent chromium compounds
Y22	Copper compounds
Y23	Zinc compounds
Y24	Arsenic; arsenic compounds
Y25	Selenium; selenium compounds
Y26	Cadmium; cadmium compounds
Y27	Antimony; antimony compounds
Y28	Tellurium; tellurium compounds
Y29	Mercury; mercury compounds
Y30	Thallium; thallium compounds
Y31	Lead; lead compounds
Y32	Inorganic fluorine compounds excluding calcium fluoride
Y33	Inorganic cyanides
Y34	Acidic solutions or acids in solid form
Y35	Basic solutions or bases in solid form
Y36	Asbestos (dust and fibres)
Y37	Organic phosphorus compounds
Y38	Organic cyanides
Y39	Phenols; phenol compounds including chlorophenols
Y40	Ethers
Y41	Halogenated organic solvents
Y42	Organic solvents excluding halogenated solvents

Y43	Any congener of polychlorinated dibenzo-furan
Y44	Any congener of polychlorinated dibenzo-p-dioxin
Y45	Organohalogen compounds other than substances referred to in this Annex (e.g. Y39, Y41, Y42, Y43, Y44)
<b>WASTES REQUIRING SPECIAL CONSIDERATION</b>	
Y46	Wastes collected from households
Y47	Residues arising from the incineration of household wastes
Y48 <sup>1</sup>	<p><b>Plastic waste, including mixtures of such waste, with the exception of the following:</b></p> <ul style="list-style-type: none"> <li>• <b>Plastic waste that is hazardous waste pursuant to paragraph 1 (a) of Article 1<sup>2</sup></b></li> <li>• <b>Plastic waste listed below, provided it is destined for recycling<sup>3</sup> in an environmentally sound manner and almost free from contamination and other types of wastes:</b> <ul style="list-style-type: none"> <li>- <b>Plastic waste almost exclusively consisting of one non-halogenated polymer, including but not limited to the following polymers:</b> <ul style="list-style-type: none"> <li>○ Polyethylene (PE)</li> <li>○ Polypropylene (PP)</li> <li>○ Polystyrene (PS)</li> <li>○ Acrylonitrile butadiene styrene (ABS)</li> <li>○ Polyethylene terephthalate (PET)</li> <li>○ Polycarbonates (PC)</li> <li>○ Polyethers</li> </ul> </li> <li>- <b>Plastic waste almost exclusively consisting of one cured resin or condensation product, including but not limited to the following resins:</b> <ul style="list-style-type: none"> <li>○ Urea formaldehyde resins</li> <li>○ Phenol formaldehyde resins</li> <li>○ Melamine formaldehyde resins</li> <li>○ Epoxy resins</li> <li>○ Alkyd resins</li> </ul> </li> <li>- <b>Plastic waste almost exclusively consisting of one of the following fluorinated polymers:<sup>4</sup></b> <ul style="list-style-type: none"> <li>○ Perfluoroethylene/propylene (FEP)</li> <li>○ Perfluoroalkoxy alkanes: <ul style="list-style-type: none"> <li>▪ Tetrafluoroethylene/perfluoroalkyl vinyl ether (PFA)</li> <li>▪ Tetrafluoroethylene/perfluoromethyl vinyl ether (MFA)</li> </ul> </li> <li>○ Polyvinylfluoride (PVF)</li> <li>○ Polyvinylidene fluoride (PVDF)</li> </ul> </li> </ul> </li> <li>• <b>Mixtures of plastic waste, consisting of polyethylene (PE), polypropylene (PP) and/or polyethylene terephthalate (PET), provided they are destined for separate recycling<sup>5</sup> of each material and in an environmentally sound manner and almost free from contamination and other types of wastes.</b></li> </ul>

<sup>1</sup> This entry became effective as of 1 January 2021 as per BC-14/12: Amendments to Annexes II, VIII and IX to the Basel Convention.

<sup>2</sup> Note the related entry on list A A3210 in Annexure 5.

<sup>3</sup> Recycling/reclamation of organic substances that are not used as solvents (R3 in Annexure 3) or, if needed, temporary storage limited to one instance, provided that it is followed by operation R3 and evidenced by contractual or relevant official documentation.

<sup>4</sup> Post-consumer wastes are excluded.

<sup>5</sup> Recycling/reclamation of organic substances that are not used as solvents (R3 in Annexure 3), with prior sorting and, if needed, temporary storage limited to one

**Annexure 5**

A-codes, as per the Amended Basel Convention, for use when completing the Notification document when importing or exporting hazardous waste not listed in Annexure 4.

**List A: A1 METAL AND METAL-BEARING WASTE**

Code	Description
A1010	Metal wastes and waste consisting of alloys of any of the following: <ul style="list-style-type: none"> <li>• Antimony</li> <li>• Arsenic</li> <li>• Beryllium</li> <li>• Cadmium</li> <li>• Lead</li> <li>• Mercury</li> <li>• Selenium</li> <li>• Tellurium</li> <li>• Thallium</li> </ul> but excluding such wastes specifically listed on list B
A1020	Waste having as constituents or contaminants, excluding metal waste in massive form, any of the following: <ul style="list-style-type: none"> <li>• Antimony; antimony compounds</li> <li>• Beryllium; beryllium compounds</li> <li>• Cadmium; cadmium compounds</li> <li>• Lead; lead compounds</li> <li>• Selenium; selenium compounds</li> <li>• Tellurium; tellurium compounds</li> </ul>
A1030	Wastes having as constituents or contaminants any of the following: <ul style="list-style-type: none"> <li>• Arsenic; arsenic compounds</li> <li>• Mercury; mercury compounds</li> </ul>

	<ul style="list-style-type: none"> <li>• Thallium; thallium compounds</li> </ul>
<b>A1040</b>	Wastes having as constituents any of the following: <ul style="list-style-type: none"> <li>• Metal carbonyls</li> <li>• Hexavalent chromium compounds</li> </ul>
<b>A1050</b>	Galvanic sludges
<b>A1060</b>	Waste liquors from the pickling of metals
<b>A1070</b>	Leaching residues from zinc processing, dust and sludges such as jarosite, hematite, etc.
<b>A1080</b>	Waste zinc residues not included on list B, containing lead and cadmium in concentrations sufficient to exhibit characteristics
<b>A1090</b>	Ashes from the incineration of insulated copper wire
<b>A1100</b>	Dusts and residues from gas cleaning systems of copper smelters
<b>A1110</b>	Spent electrolytic solutions from copper electrorefining and electrowinning operations
<b>A1120</b>	Waste sludges, excluding anode slimes, from electrolyte purification systems in copper electrorefining and electrowinning operations
<b>A1130</b>	Spent etching solutions containing dissolved copper
<b>A1140</b>	Waste cupric chloride and copper cyanide catalysts
<b>A1150</b>	Precious metal ash from incineration of printed circuit boards not included on list B <sup>8</sup>
<b>A1160</b>	Waste lead-acid batteries, whole or crushed
<b>A1170</b>	Unsorted waste batteries excluding mixtures of only list B batteries. Waste batteries not specified on list B containing Annex I constituents to an extent to render them hazardous
<b>A1180</b>	Waste electrical and electronic assemblies or scrap <sup>9</sup> containing components such as accumulators and other batteries included on list A, mercury-switches, glass from cathode-ray tubes and other activated glass and PCB capacitors, or contaminated with Annex I constituents (e.g., cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they possess any of the characteristics contained in Annex III (note the related entry on list B B1110) <sup>10</sup>
<b>A1190</b>	Waste metal cables coated or insulated with plastics containing or contaminated with coal tar, PCB <sup>11</sup> , lead, cadmium, other organohalogen compounds or other Annex I constituents to an extent that they exhibit Annex III characteristics.

<sup>8</sup> Note that mirror entry on list B (B1160) does not specify exceptions

<sup>9</sup> This entry does not include scrap assemblies from electric power generation.

<sup>10</sup> PCBs are at a concentration level of 50 mg/kg or more.

<sup>11</sup> PCBs are at a concentration level of 50 mg/kg or more.

**List A: A2 WASTES CONTAINING PRINCIPALLY INORGANIC CONSTITUENTS, WHICH MAY CONTAIN METALS AND ORGANIC MATERIALS**

Code	Description
<b>A2010</b>	Glass waste from cathode-ray tubes and other activated glasses
<b>A2020</b>	Waste inorganic fluorine compounds in the form of liquids or sludges but excluding such wastes specified on list B
<b>A2030</b>	Waste catalysts but excluding such wastes specified on list B
<b>A2040</b>	Waste gypsum arising from chemical industry processes, when containing Annex I constituents to the extent that it exhibits an Annex III hazardous characteristic (note the related entry on list B B2080)
<b>A2050</b>	Waste asbestos (dusts and fibres)
<b>A2060</b>	Coal-fired power plant fly-ash containing Annex I substances in concentrations sufficient to exhibit Annex III characteristics (note the related entry on list B B2050)

**List A: A3 WASTES CONTAINING PRINCIPALLY ORGANIC CONSTITUENTS, WHICH MAY CONTAIN METALS AND INORGANIC MATERIALS**

Code	Description
A3010	Waste from the production or processing of petroleum coke and bitumen
A3020	Waste mineral oils unfit for their originally intended use
A3030	Wastes that contain, consist of or are contaminated with leaded anti-knock compound sludges
A3040	Waste thermal (heat transfer) fluids
A3050	Wastes from production, formulation and use of resins, latex, plasticizers, glues/ adhesives excluding such wastes specified on list B (note the related entry on list B B4020)
A3060	Waste nitrocellulose
A3070	Waste phenols, phenol compounds including chlorophenol in the form of liquids or sludges
A3080	Waste ethers not including those specified on list B
A3090	Waste leather dust, ash, sludges and flours when containing hexavalent chromium compounds or biocides (note the related entry on list B B3100)
A3100	Waste paring and other waste of leather or of composition leather not suitable for the manufacture of leather articles containing hexavalent chromium compounds or biocides (note the related entry on list B B3090)
A3110	Fellmongery wastes containing hexavalent chromium compounds or biocides or infectious substances (note the related entry on list B B3110)
A3120	Fluff - light fraction from shredding
A3130	Waste organic phosphorous compounds
A3140	Waste non-halogenated organic solvents but excluding such wastes specified on list B
A3150	Waste halogenated organic solvents
A3160	Waste halogenated or unhalogenated non-aqueous distillation residues arising from organic solvent recovery operations
A3170	Wastes arising from the production of aliphatic halogenated hydrocarbons (such as chloromethane, dichloro-ethane, vinyl chloride, vinylidene chloride, allyl chloride and epichlorhydrin)
A3180	Wastes, substances and articles containing, consisting of or contaminated with polychlorinated biphenyl (PCB), poly-chlorinated terphenyl (PCT), polychlorinated naphthalene (PCN) or polybrominated biphenyl (PBB), or any other polybrominated analogues of these compounds, at a concentration level of 50 mg/kg or more <sup>12</sup>
A3190	Waste tarry residues (excluding asphalt cements) arising from refining, distillation and any pyrolytic treatment of organic materials
A3200	Bituminous material (asphalt waste) from road construction and maintenance, containing tar (note the related entry on list B, B2130)
A3210 <sup>1</sup>	<b>Plastic waste, including mixtures of such waste, containing, or contaminated with Annex I constituents, to an extent that it exhibits an Annex III characteristic (note the related entries Y48 in Annex II and on list B B3011).</b>

<sup>1</sup> This entry became effective as of 1 January 2021 as per BC-14/12: Amendments to Annexes II, VIII and IX to the Basel Convention

<sup>12</sup> The 50 mg/kg level is considered to be an internationally practical level for all wastes. However, many individual countries have established lower regulatory levels (e.g., 20 mg/kg) for specific wastes.

**List A: A4 WASTES WHICH MAY CONTAIN EITHER INORGANIC OR ORGANIC CONSTITUENTS**

Code	Description
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A4010	Wastes from the production, preparation and use of pharmaceutical products but excluding such wastes specified on list B
A4020	Clinical and related wastes; that is wastes arising from medical, nursing, dental, veterinary, or similar practices, and wastes generated in hospitals or other facilities during the investigation or treatment of patients, or research projects
A4030	Wastes from the production, formulation and use of biocides and phytopharmaceuticals, including waste pesticides and herbicides which are off-specification, outdated, <sup>13</sup> or unfit for their originally intended use
A4040	Wastes from the manufacture, formulation and use of wood-preserving chemicals <sup>14</sup>
A4050	Wastes that contain, consist of or are contaminated with any of the following: <ul style="list-style-type: none"> <li>• Inorganic cyanides, excepting precious-metal-bearing residues in solid form containing traces of inorganic cyanides</li> <li>• Organic cyanides</li> </ul>
A4060	Waste oils/water, hydrocarbons/water mixtures, emulsions
A4070	Wastes from the production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish excluding any such waste specified on list B (note the related entry on list B B4010)
A4080	Wastes of an explosive nature (but excluding such wastes specified on list B)
A4090	Waste acidic or basic solutions, other than those specified in the corresponding entry on list B (note the related entry on list B B2120)
A4100	Wastes from industrial pollution control devices for cleaning of industrial off-gases but excluding such wastes specified on list B
A4110	Wastes that contain, consist of or are contaminated with any of the following: <ul style="list-style-type: none"> <li>• Any congener of polychlorinated dibenzo-furan</li> <li>• Any congener of polychlorinated dibenzo-P-dioxin</li> </ul>
A4120	Wastes that contain, consist of or are contaminated with peroxides
A4130	Waste packages and containers containing Annex I substances in concentrations sufficient to exhibit hazard characteristics
A4140	Waste consisting of or containing off specification or outdated <sup>15</sup> chemicals corresponding with hazard characteristics
A4150	Waste chemical substances arising from research and development or teaching activities which are not identified and/or are new and whose effects on human health and/or the environment are not known
A4160	Spent activated carbon not included on list B (note the related entry on list B B2060)

<sup>13</sup> "Outdated" means unused within the period recommended by the manufacturer.

<sup>14</sup> This entry does not include wood treated with wood preserving chemicals.

**NB:** In the event where there is uncertainty regarding the category of waste contemplated in Annexure 5, the classification of the waste in terms of SANS 10234 or latest SANS version shall apply in accordance with Regulation 4(2) of the Waste Classification and Management Regulations, GNR 634 of 2013.

**Annexure 6**

B-codes for use, as per the Amended Basel Convention when completing the Notification document when importing or exporting non-hazardous waste (waste not listed in Annexure 4 or 5).

**List B: B1 METAL AND METAL-BEARING WASTES**

<b>Code</b>	<b>Description</b>
<b>B1010</b>	<p data-bbox="419 566 1316 622">Metal and metal-alloy wastes in metallic, non-dispersible form: Precious metals (gold, silver, the platinum group, but not mercury)</p> <ul style="list-style-type: none"> <li data-bbox="464 633 695 667">• Iron and steel scrap</li> <li data-bbox="464 696 635 730">• Copper scrap</li> <li data-bbox="464 759 624 792">• Nickel scrap</li> <li data-bbox="464 822 667 855">• Aluminium scrap</li> <li data-bbox="464 884 608 918">• Zinc scrap</li> <li data-bbox="464 947 596 981">• Tin scrap</li> <li data-bbox="464 1010 655 1043">• Tungsten scrap</li> <li data-bbox="464 1072 691 1106">• Molybdenum scrap</li> <li data-bbox="464 1135 655 1169">• Tantalum scrap</li> <li data-bbox="464 1198 679 1232">• Magnesium scrap</li> <li data-bbox="464 1261 632 1294">• Cobalt scrap</li> <li data-bbox="464 1323 647 1357">• Bismuth scrap</li> <li data-bbox="464 1386 651 1420">• Titanium scrap</li> <li data-bbox="464 1449 663 1482">• Zirconium scrap</li> <li data-bbox="464 1512 683 1545">• Manganese scrap</li> <li data-bbox="464 1574 683 1608">• Germanium scrap</li> <li data-bbox="464 1637 667 1671">• Vanadium scrap</li> <li data-bbox="464 1700 1038 1733">• Scrap of hafnium, indium, niobium, rhenium and gallium</li> <li data-bbox="464 1762 647 1796">• Thorium scrap</li> <li data-bbox="464 1825 683 1859">• Rare earths scrap</li> </ul>

	<ul style="list-style-type: none"> <li>Chromium scrap</li> </ul>
<b>B1020</b>	<p>Clean, uncontaminated metal scrap, including alloys, in bulk finished form (sheet, plate, beams, rods, etc.), of:</p> <ul style="list-style-type: none"> <li>Antimony scrap</li> <li>Beryllium scrap</li> <li>Cadmium scrap</li> <li>Lead scrap (but excluding lead-acid batteries)</li> <li>Selenium scrap</li> <li>Tellurium scrap</li> </ul>
<b>B1030</b>	Refractory metals containing residues
<b>B1031</b>	Molybdenum, tungsten, titanium, tantalum, niobium and rhenium metal and metal alloy wastes in metallic dispersible form (metal powder), excluding such wastes as specified in list A under entry A1050, Galvanic sludges
<b>B1040</b>	Scrap assemblies from electrical power generation not contaminated with lubricating oil, PCB or PCT to an extent to render them hazardous
<b>B1050</b>	Mixed non-ferrous metal, heavy fraction scrap, not containing Annex I materials in concentrations sufficient to exhibit Annex III characteristics <sup>17</sup>
<b>B1060</b>	Waste selenium and tellurium in metallic elemental form including powder
<b>B1070</b>	Waste of copper and copper alloys in dispersible form, unless they contain Annex I constituents to an extent that they exhibit Annex III characteristics
<b>B1080</b>	Zinc ash and residues including zinc alloys residues in dispersible form unless containing Annex I constituents in concentration such as to exhibit Annex III characteristics <sup>18</sup>
<b>B1090</b>	Waste batteries conforming to a specification, excluding those made with lead, cadmium or mercury
<b>B1100</b>	<p>Metal-bearing wastes arising from melting, smelting and refining of metals:</p> <ul style="list-style-type: none"> <li>Hard zinc spelter</li> <li>Zinc-containing drosses: <ul style="list-style-type: none"> <li>- Galvanizing slab zinc top dross (&gt;90% Zn)</li> <li>- Galvanizing slab zinc bottom dross (&gt;92% Zn)</li> <li>- Zinc die casting dross (&gt;85% Zn)</li> <li>- Hot dip galvanizers slab zinc dross (batch)(&gt;92% Zn)</li> <li>- Zinc skimmings</li> </ul> </li> <li>Aluminium skimmings (or skims) excluding salt slag</li> <li>Slags from copper processing for further processing or refining not containing arsenic, lead or cadmium to an extent that they exhibit Annex III hazard characteristics</li> <li>Wastes of refractory linings, including crucibles, originating from copper smelting</li> <li>Slags from precious metals processing for further refining</li> <li>Tantalum-bearing tin slags with less than 0.5% tin</li> </ul>

<b>B1110</b>	<p>Electrical and electronic assemblies:</p> <ul style="list-style-type: none"> <li>• Electronic assemblies consisting only of metals or alloys</li> <li>• Waste electrical and electronic assemblies or scrap<sup>19</sup> (including printed circuit boards) not containing components such as accumulators and other batteries</li> <li>• included on list A, mercury-switches, glass from cathode-ray tubes and other activated glass and PCB-capacitors, or not contaminated with Annex I constituents (e.g., cadmium, mercury, lead, polychlorinated biphenyl) or from which these have been removed, to an extent that they do not possess any of the characteristics contained in</li> <li>• note the related entry on list A A1180</li> <li>• Electrical and electronic assemblies (including printed circuit boards, electronic components and wires) destined for direct reuse,<sup>20</sup> and not for recycling or final disposal<sup>21</sup></li> </ul>			
<b>B1115</b>	<p>Waste metal cables coated or insulated with plastics, not included in list A A1190, excluding those destined for Annex IVA operations or any other disposal operations involving, at any stage, uncontrolled thermal processes, such as open-burning.</p>			
<b>B1120</b>	<p>Spent catalysts excluding liquids used as catalysts, containing any of:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Transition metals, excluding waste catalysts (spent catalysts, liquid used catalysts or other catalysts) on list A:</p> <ul style="list-style-type: none"> <li>• Scandium</li> <li>• Vanadium</li> <li>• Manganese</li> <li>• Cobalt</li> <li>• Copper</li> <li>• Yttrium</li> <li>• Niobium</li> <li>• Hafnium</li> <li>• Tungsten</li> <li>• Titanium</li> <li>• Chromium</li> <li>• Iron</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <p>Lanthanides (rare earth metals):</p> <ul style="list-style-type: none"> <li>• Lanthanum</li> <li>• Praseodymium</li> <li>• Samarium</li> <li>• Gadolinium</li> <li>• Dysprosium</li> <li>• Erbium</li> <li>• Ytterbium</li> <li>• Cerium</li> <li>• Neodymium</li> <li>• Europium</li> <li>• Terbium</li> <li>• Holmium</li> </ul> </td> </tr> </table>		<p>Transition metals, excluding waste catalysts (spent catalysts, liquid used catalysts or other catalysts) on list A:</p> <ul style="list-style-type: none"> <li>• Scandium</li> <li>• Vanadium</li> <li>• Manganese</li> <li>• Cobalt</li> <li>• Copper</li> <li>• Yttrium</li> <li>• Niobium</li> <li>• Hafnium</li> <li>• Tungsten</li> <li>• Titanium</li> <li>• Chromium</li> <li>• Iron</li> </ul>	<p>Lanthanides (rare earth metals):</p> <ul style="list-style-type: none"> <li>• Lanthanum</li> <li>• Praseodymium</li> <li>• Samarium</li> <li>• Gadolinium</li> <li>• Dysprosium</li> <li>• Erbium</li> <li>• Ytterbium</li> <li>• Cerium</li> <li>• Neodymium</li> <li>• Europium</li> <li>• Terbium</li> <li>• Holmium</li> </ul>
<p>Transition metals, excluding waste catalysts (spent catalysts, liquid used catalysts or other catalysts) on list A:</p> <ul style="list-style-type: none"> <li>• Scandium</li> <li>• Vanadium</li> <li>• Manganese</li> <li>• Cobalt</li> <li>• Copper</li> <li>• Yttrium</li> <li>• Niobium</li> <li>• Hafnium</li> <li>• Tungsten</li> <li>• Titanium</li> <li>• Chromium</li> <li>• Iron</li> </ul>	<p>Lanthanides (rare earth metals):</p> <ul style="list-style-type: none"> <li>• Lanthanum</li> <li>• Praseodymium</li> <li>• Samarium</li> <li>• Gadolinium</li> <li>• Dysprosium</li> <li>• Erbium</li> <li>• Ytterbium</li> <li>• Cerium</li> <li>• Neodymium</li> <li>• Europium</li> <li>• Terbium</li> <li>• Holmium</li> </ul>			

	<ul style="list-style-type: none"> <li>• Nickel</li> <li>• Zinc</li> <li>• Zirconium</li> <li>• Molybdenum</li> <li>• Tantalum</li> <li>• Rhenium</li> </ul>	<ul style="list-style-type: none"> <li>• Thulium</li> <li>• Lutetium</li> </ul>
<b>B1130</b>	Cleaned spent precious-metal-bearing catalysts	
<b>B1140</b>	Precious-metal-bearing residues in solid form which contain traces of inorganic cyanides	
<b>B1150</b>	Precious metals and alloy wastes (gold, silver, the platinum group, but not mercury) in a dispersible, non-liquid form with appropriate packaging and labelling	
<b>B1160</b>	Precious-metal ash from the incineration of printed circuit boards (note the related entry on list A A1150)	
<b>B1170</b>	Precious-metal ash from the incineration of photographic film	
<b>B1180</b>	Waste photographic film containing silver halides and metallic silver	
<b>B1190</b>	Waste photographic paper containing silver halides and metallic silver	
<b>B1200</b>	Granulated slag arising from the manufacture of iron and steel	
<b>B1210</b>	Slag arising from the manufacture of iron and steel including slags as a source of TiO <sub>2</sub> and vanadium	
<b>B1220</b>	Slag from zinc production, chemically stabilized, having a high iron content (above 20%) and processed according to industrial specifications (e.g., DIN 4301) mainly for construction	
<b>B1230</b>	Mill scaling arising from the manufacture of iron and steel	
<b>B1240</b>	Copper oxide mill-scale	
<b>B1250</b>	Waste end-of-life motor vehicles, containing neither liquids nor other hazardous components	

<sup>17</sup>Note that even where low level contamination with Annex I materials initially exists, subsequent processes, including recycling processes, may result in separated fractions containing significantly enhanced concentrations of those Annex I materials.

<sup>18</sup>The status of zinc ash is currently under review and there is a recommendation with the United Nations Conference on Trade and Development (UNCTAD) that zinc ashes should not be dangerous goods.

<sup>19</sup>This entry does not include scrap from electrical power generation.

<sup>20</sup>Reuse can include repair, refurbishment or upgrading, but not major reassembly.

<sup>21</sup>In some countries these materials destined for direct re-use are not considered wastes.

**List B: B2 WASTES CONTAINING PRINCIPALLY INORGANIC CONSTITUENTS, WHICH MAY CONTAIN METALS AND ORGANIC MATERIALS**

Code	Description
<b>B2010</b>	Wastes from mining operations in non-dispersible form: <ul style="list-style-type: none"> <li>• Natural graphite waste</li> <li>• Slate waste, whether or not roughly trimmed or merely cut, by sawing or otherwise</li> <li>• Mica waste</li> <li>• Leucite, nepheline and nepheline syenite waste</li> </ul>

	<ul style="list-style-type: none"> <li>• Feldspar waste</li> <li>• Fluorspar waste</li> <li>• Silica wastes in solid form excluding those used in foundry operation</li> </ul>
<b>B2020</b>	<p>Glass waste in non-dispersible form:</p> <ul style="list-style-type: none"> <li>• Cullet and other waste and scrap of glass except for glass from cathode-ray tubes and other activated glasses</li> </ul>
<b>B2030</b>	<p>Ceramic wastes in non-dispersible form:</p> <ul style="list-style-type: none"> <li>• Cermets wastes and scrap (metal ceramic composites)</li> <li>• Ceramic based fibres not elsewhere specified or included</li> </ul>
<b>B2040</b>	<p>Other wastes containing principally inorganic constituents:</p> <ul style="list-style-type: none"> <li>• Partially refined calcium sulphate produced from flue-gas desulphurization (FGD)</li> <li>• Waste gypsum wallboard or plasterboard arising from the demolition of buildings</li> <li>• Slag from copper production, chemically stabilized, having a high iron content (above 20%) and processed according to industrial specifications (e.g., DIN 4301 and DIN 8201) mainly for construction and abrasive applications</li> <li>• Sulphur in solid form</li> <li>• Limestone from the production of calcium cyanamide (having a pH less than 9)</li> <li>• Sodium, potassium, calcium chlorides</li> <li>• Carborundum (silicon carbide)</li> <li>• Broken concrete</li> <li>• Lithium-tantalum and lithium-niobium containing glass scraps</li> </ul>
<b>B2050</b>	Coal-fired power plant fly-ash, not included on list A (note the related entry on list A A2060)
<b>B2060</b>	Spent activated carbon not containing any Annex I constituents to the extent they exhibit Annex III characteristics, for example, carbon resulting from the treatment of potable water and processes of the food industry and vitamin production (note the related entry on list A A4160)
<b>B2070</b>	Calcium fluoride sludge
<b>B2080</b>	Waste gypsum arising from chemical industry processes not included on list A (note the related entry on list A A2040)
<b>B2090</b>	Waste anode butts from steel or aluminium production made of petroleum coke or bitumen and cleaned to normal industry specifications (excluding anode butts from chlor alkali electrolyses and from metallurgical industry)
<b>B2100</b>	Waste hydrates of aluminium and waste alumina and residues from alumina production excluding such materials used for gas cleaning, flocculation or filtration processes
<b>B2110</b>	Bauxite residue ("red mud") (pH moderated to less than 11.5)

B2120	Waste acidic or basic solutions with a pH greater than 2 and less than 11.5, which are not corrosive or otherwise hazardous (note the related entry on list A A4090)
B2130	Bituminous material (asphalt waste) from road construction and maintenance, not containing tar <sup>22</sup> (note the related entry on list A, A3200)

<sup>22</sup>The concentration level of Benzol (a) pyrene should not be 50mg/kg or more.

List B: B3 WASTES CONTAINING PRINCIPALLY ORGANIC CONSTITUENTS WHICH MAY CONTAIN METALS AND INORGANIC MATERIALS

Code	Description
<b>B3011<sup>1</sup></b>	<p><b>Plastic waste (note the related entries Y48 in Annex II and on list A A3210):</b></p> <ul style="list-style-type: none"> <li>• <b>Plastic waste listed below, provided it is destined for recycling<sup>3</sup> in an environmentally sound manner and almost free from contamination and other types of wastes:</b> <ul style="list-style-type: none"> <li>- <b>Plastic waste almost exclusively consisting of one non-halogenated polymer, including but not limited to the following polymers:</b> <ul style="list-style-type: none"> <li>○ Polyethylene (PE)</li> <li>○ Polypropylene (PP)</li> <li>○ Polystyrene (PS)</li> <li>○ Acrylonitrile butadiene styrene (ABS)</li> <li>○ Polyethylene terephthalate (PET)</li> <li>○ Polycarbonates (PC)</li> <li>○ Polyethers</li> </ul> </li> <li>- <b>Plastic waste almost exclusively consisting of one cured resin or condensation product, including but not limited to the following resins:</b> <ul style="list-style-type: none"> <li>○ Urea formaldehyde resins</li> <li>○ Phenol formaldehyde resins</li> <li>○ Melamine formaldehyde resins</li> <li>○ Epoxy resins</li> <li>○ Alkyd resins</li> </ul> </li> <li>- <b>Plastic waste almost exclusively consisting of one of the following fluorinated polymers:<sup>4</sup></b> <ul style="list-style-type: none"> <li>○ Perfluoroethylene/propylene (FEP)</li> <li>○ Perfluoroalkoxy alkanes: <ul style="list-style-type: none"> <li>▪ Tetrafluoroethylene/perfluoroalkyl vinyl ether (PFA)</li> <li>▪ Tetrafluoroethylene/perfluoromethyl vinyl ether (MFA)</li> </ul> </li> <li>○ Polyvinylfluoride (PVF)</li> <li>○ Polyvinylidene fluoride (PVDF)</li> </ul> </li> </ul> </li> <li>• <b>Mixtures of plastic waste, consisting of polyethylene (PE), polypropylene (PP) and/or polyethylene terephthalate (PET), provided they are destined for separate recycling<sup>5</sup> of each material and in an environmentally sound manner and almost free from contamination and other types of wastes.</b></li> </ul>
<b>B3020</b>	<p>Paper, paperboard and paper product wastes The following materials, provided they are not mixed with hazardous wastes:</p> <ul style="list-style-type: none"> <li>• Waste and scrap of paper or paperboard of:</li> <li>• unbleached paper or paperboard or of corrugated paper or paperboard</li> </ul>

	<ul style="list-style-type: none"> <li>• other paper or paperboard, made mainly of bleached chemical pulp, not coloured in the mass</li> <li>• paper or paperboard made mainly of mechanical pulp (for example, newspapers, journals and similar printed matter)</li> <li>• other, including but not limited to 1) laminated paperboard 2) unsorted scrap</li> </ul>
<b>B3026</b>	<p>The following waste from the pre-treatment of composite packaging for liquids, not containing Annex I materials in concentrations sufficient to exhibit Annex III characteristics:</p> <ul style="list-style-type: none"> <li>• Non-separable plastic fraction</li> <li>• Non-separable plastic-aluminium fraction</li> </ul>
<b>B3027</b>	Self-adhesive label laminate waste containing raw materials used in label material production
<b>B3030</b>	<p>Textile wastes The following materials, provided they are not mixed with other wastes and are prepared to a specification:</p> <ul style="list-style-type: none"> <li>• Silk waste (including cocoons unsuitable for reeling, yarn waste and garnetted stock) <ul style="list-style-type: none"> <li>- not carded or combed</li> <li>- other</li> </ul> </li> <li>• Waste of wool or of fine or coarse animal hair, including yarn waste but excluding garnetted stock <ul style="list-style-type: none"> <li>- noils of wool or of fine animal hair</li> <li>- other waste of wool or of fine animal hair</li> <li>- waste of coarse animal hair</li> </ul> </li> <li>• Cotton waste (including yarn waste and garnetted stock) <ul style="list-style-type: none"> <li>- yarn waste (including thread waste)</li> <li>- garnetted stock</li> <li>- other</li> </ul> </li> <li>• Flax tow and waste</li> <li>• Tow and waste (including yarn waste and garnetted stock) of true hemp (<u>Cannabis sativa</u> L.)</li> <li>• Tow and waste (including yarn waste and garnetted stock) of jute and other textile bast fibres (excluding flax, true hemp and ramie)</li> <li>• Tow and waste (including yarn waste and garnetted stock) of sisal and other textile fibres of the genus <u>Agave</u></li> <li>• Tow, noils and waste (including yarn waste and garnetted stock) of coconut</li> </ul>



	<ul style="list-style-type: none"> <li>• Tow, noils and waste (including yarn waste and garnetted stock) of abaca (Manila hemp or <i>Musa textilis</i> Nee)</li> <li>• Tow, noils and waste (including yarn waste and garnetted stock) of ramie and other vegetable textile fibres, not elsewhere specified or included</li> <li>• Waste (including noils, yarn waste and garnetted stock) of man-made fibres <ul style="list-style-type: none"> <li>- of synthetic fibres</li> <li>- of artificial fibres</li> </ul> </li> <li>• Worn clothing and other worn textile articles</li> <li>• Used rags, scrap twine, cordage, rope and cables and worn out articles of twine, cordage, rope or cables of textile materials <ul style="list-style-type: none"> <li>- sorted</li> <li>- other</li> </ul> </li> </ul>
<b>B3035</b>	Waste textile floor coverings, carpets
<b>B3040</b>	<p>Rubber wastes</p> <p>The following materials, provided they are not mixed with other wastes:</p> <ul style="list-style-type: none"> <li>• Waste and scrap of hard rubber (e.g., ebonite)</li> <li>• Other rubber wastes (excluding such wastes specified elsewhere)</li> </ul>
<b>B3050</b>	<p>Untreated cork and wood waste:</p> <ul style="list-style-type: none"> <li>• Wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms</li> <li>• Cork waste: crushed, granulated or ground cork</li> </ul>
<b>B3060</b>	<p>Wastes arising from agro-food industries provided it is not infectious:</p> <ul style="list-style-type: none"> <li>• Wine lees</li> <li>• Dried and sterilized vegetable waste, residues and byproducts, whether or not in the form of pellets, of a kind used in animal feeding, not elsewhere specified or included</li> <li>• Degras: residues resulting from the treatment of fatty substances or animal or vegetable waxes</li> <li>• Waste of bones and horn-cores, unworked, defatted, simply prepared (but not cut to shape), treated with acid or degelatinised</li> <li>• Fish waste</li> <li>• Cocoa shells, husks, skins and other cocoa waste</li> </ul>

	<ul style="list-style-type: none"> <li>Other wastes from the agro-food industry excluding by-products which meet national and international requirements and standards for human or animal consumption</li> </ul>
<b>B3065</b>	Waste edible fats and oils of animal or vegetable origin (e.g. frying oils), provided they do not exhibit hazard characteristic
<b>B3070</b>	The following wastes: <ul style="list-style-type: none"> <li>Waste of human hair</li> <li>Waste straw</li> <li>Deactivated fungus mycelium from penicillin production to be used as animal feed</li> </ul>
<b>B3080</b>	Waste parings and scrap of rubber
<b>B3090</b>	Paring and other wastes of leather or of composition leather not suitable for the manufacture of leather articles, excluding leather sludges, not containing hexavalent chromium compounds and biocides (note the related entry on list A A3100)
<b>B3100</b>	Leather dust, ash, sludges or flours not containing hexavalent chromium compounds or biocides (note the related entry on list A A3090)
<b>B3110</b>	Fellmongery wastes not containing hexavalent chromium compounds or biocides or infectious substances (note the related entry on list A A3110)
<b>B3120</b>	Wastes consisting of food dyes
<b>B3130</b>	Waste polymer ethers and waste non-hazardous monomer ethers incapable of forming peroxides
<b>B3140</b>	Waste pneumatic tyres, excluding those destined for treatment or landfill disposal operations

**1** This entry became effective as of 1 January 2021 as per BC-14/12: Amendments to Annexes II, VIII and IX to the Basel Convention

**3** Recycling/reclamation of organic substances that are not used as solvents (R3 in Annexure 3) or, if needed, temporary storage limited to one instance, provided that it is followed by operation R3 and evidenced by contractual or relevant official documentation.

**4** post-consumer wastes are excluded.

**5** Recycling/reclamation of organic substances that are not used as solvents (R3 in Annexure 3), with prior sorting and, if needed, temporary storage limited to one

<sup>23</sup> It is understood that such scraps are completely polymerized.

<sup>24</sup> Post-consumer wastes are excluded from this entry:

- Wastes shall not be mixed
- Problems arising from open-burning practices to be considered

#### List B: B4 WASTES WHICH MAY CONTAIN EITHER INORGANIC OR ORGANIC CONSTITUENTS

Code	Description
<b>B4010</b>	Wastes consisting mainly of water-based/latex paints, inks and hardened varnishes not containing organic solvents, heavy metals or biocides to an extent to render them hazardous (note the related entry on list A A4070)
<b>B4020</b>	Wastes from production, formulation and use of resins, latex, plasticizers, glues/adhesives, not listed on list A, free of solvents and other contaminants to an extent that they do not exhibit Annex III characteristics, e.g., water-based, or glues

	based on casein, starch, dextrin, cellulose ethers, polyvinyl alcohols (note the related entry on list A A3050)
<b>B4030</b>	Used single-use cameras, with batteries not included on list A

1 This entry became effective as of 1 January 2021 as per BC-14/12: Amendments to Annexes II, VIII and IX to the Basel Convention

3 Recycling/reclamation of organic substances that are not used as solvents (R3 in Annexure 3) or, if needed, temporary storage limited to one instance, provided that it is followed by operation R3 and evidenced by contractual or relevant official documentation.

4 post-consumer wastes are excluded.

5 Recycling/reclamation of organic substances that are not used as solvents (R3 in Annexure 3), with prior sorting and, if needed, temporary storage limited to one

**NB:** In the event where the annexure comes into question on the category of the waste in Annexure 5, then the classification of the waste in terms of SANS 10234 or latest SANS version shall apply in accordance with Regulation 4(2) of the Waste Classification and Management Regulation, GNR 634 of 2013.