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**Open-ended Working Group of the Basel Convention
on the Control of Transboundary Movements of
Hazardous Wastes and Their Disposal
Twelfth meeting**

Geneva, 1–3 September 2020 and Nairobi, 4–6 April 2022
Agenda item 3 (c) (ii)

**Matters related to the work programme of the
Open-ended Working Group for the biennium
2020–2021: legal, governance and enforcement
matters: providing further legal clarity**

**Recommendations and findings of the expert working group on
the review of Annexes**

Note by the Secretariat

As is mentioned in the note by the Secretariat on the compilation of actions proposed for consideration during the face-to-face segment of the twelfth meeting of the Open-ended Working Group (UNEP/CHW/OEWG.12/17), the annex to the present note sets out the recommendations for possible amendment proposals to Annex IV and to entries A1180 and B1110 in Annexes VIII and IX to the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal and the findings on the consequential implications of the review of Annex IV to the Convention developed by the expert working group on the review of Annexes (status 13 January 2022). The present note, including its annex, has not been formally edited.

Annex

Recommendations by the expert working group on the review of Annexes for possible amendment proposals to Annex IV and to entries A1180 and B1110 in Annexes VIII and IX to the Basel Convention, and findings of the expert working group on the consequential implications of the review of Annex IV to the Convention (status 13 January 2022)

I. Possible amendment proposals to Annex IV of the Basel Convention

1. The expert working group on the review of Annexes recommends that possible amendment proposals to Annex IV should:

- (a) Be based on one or more of the objectives of the review of the annex, as set out in the annex to decision BC-13/2, which are to:
 - (i) Improve/update the description of disposal operations in Annex IV;
 - (ii) Improve environmental controls by including additional disposal operations that occur in practice or could occur in practice in Annex IV;
 - (iii) Clarify the descriptions in Annex IV and in Annex IX (B1110) to address conflicts or overlaps;
- (b) Add a general introduction for Annex IV;
- (c) Maintain the two sections of Annex IV (section A and section B), with captions and introductions for each section;
- (d) Include new operations;
- (e) Clearly identify disposal operations that occur prior to submission to any of the operations in section A or B, respectively (interim operations);
- (f) Take into account that Annex IV relates to defining wastes and that, accordingly, it encompasses:
 - (i) Both environmentally sound and non-environmentally sound operations;
 - (ii) Operations irrespective of whether they are legal or illegal;
 - (iii) Operations regardless of whether they do not, or only rarely, occur in practice;
 - (iv) Operations regardless of whether they are relevant or not in the context of a transboundary movement;
- (g) Ensure consistency in the way operations are described in both sections of the Annex.

2. Members of the expert working group expressed different views as to whether operations not identified as “prior to submission to any of the operations in section A or B” may also be interim operations, and agreed that this matter should be further discussed.

3. The expert working group on the review of Annexes also recommends that further work on the review of Annex IV be based on the recommended options for possible amendment proposals to Annex IV set out in appendix I to the present recommendations.

3bis. In addition, the expert working group on the review of Annexes recommends that explanations or guidance should be developed to further clarify the content of the disposal operations in Annex IV.

II. Possible amendment proposals to entries A1180 and B1110 in Annexes VIII and IX to the Basel Convention

4. The expert working group on the review of Annexes recommends that possible amendment proposals to entries A1180 and B1110 in Annexes VIII and IX to the Convention should be based on the text set out in appendix II to the present recommendations.

5. The expert group provides the following explanations in relation to appendix II:

- (a) The work on entry A1180 was conceptually based on the text of entry A3210, clarifying that whole equipment and components are covered [and adding fractions from pre-treatment];
- (b) The work was based on ensuring consistency between the wording of entries A1180 and B1110 making them mirror entries, which inter alia resulted in the deletion of the first and third bullets of entry B1110;
- (c) In relation to the presence of hazardous and potentially hazardous components in equipment, two alternatives are reflected;
- (d) To include clarifying examples;
- (e) For the term “scrap”, further discussion was considered necessary, also in light of the adoption of Harmonized System codes for identifying electrical and electronic waste and scrap in the Harmonized System Nomenclature of the World Customs Organization;¹
- (f) To clarify that the entries do not cover wastes covered by other entries;
- (g) Further discussion was considered necessary on how to reflect that components which are always hazardous and components which are not always hazardous are covered;
- (h) To adjust the footnote to make reference to polybrominated biphenyls (PBBs) in addition to polychlorinated biphenyls (PCBs).

III. Findings of the expert working group on the consequential implications of the review of Annex IV to the Convention

6. The EWG initiated the review of the possible consequential implications of the review of Annex IV for other Annexes to the Convention and for relevant decisions of the Conference of the Parties, inter alia, for the notification and movement documents and the reporting format.
7. In relation to the possible consequential implications of the review of Annex IV for other Annexes, the EWG agreed that the review of Annex IV had consequential implications for entry Y48 in Annex II as well as for entries B1110 and B3011 in Annex IX.
8. The EWG also agreed that the review of Annex IV had consequential implications for the notification and movement documents, the instructions for completing these² as well as for the national reporting format³ and the manual for completing it,⁴ and that any changes to these documents should preferably be considered by the Conference of the Parties concurrently to any proposal to amend Annex IV to the Convention. The EWG further agreed that the review of Annex IV may have consequential implications on other documents such as technical guidelines and if appropriate the glossary of terms.
9. In addition, the EWG agreed that the notification and movement documents, as well as the instructions for completing these, should reflect the outcome of the discussions on the issue referred to in paragraph 2 of section I above.
10. It was furthermore agreed to:
 - (a) Reflect in the notification document that, in case an operation that occurs prior to submission to any of the operations in the respective section (interim operation) is provided in block 11, corresponding information is to be provided on any subsequent interim facilities and the related operations and on the subsequent non-interim facilities and the related operations;
 - (b) Reflect the following in the instructions for completing the notification and movements documents:
 - (i) Indicate that both sections A and B list disposal operations that occur prior to submission to any of the operations in section A or B (interim operations);
 - (ii) Indicate in the instructions on block 11 that, in case an interim operation is provided in block 11, corresponding information is to be provided on the

¹ Amendments to the HS pertaining to electrical and electronic waste and scrap as agreed by the Harmonized System Committee at its 63rd session are set out in appendix I of document UNEP/CHW.14/INF/14. The amendments entered into force on 1 January 2022.

² <http://www.basel.int/Procedures/NotificationMovementDocuments/tabid/1327/Default.aspx>.

³ <http://www.basel.int/Countries/NationalReporting/Guidance/tabid/1498/Default.aspx>.

⁴ Idem.

subsequent non-interim facilities and the related operations, and on any other subsequent interim facilities and the related operations, if applicable.

Appendix I to the recommendations by the expert working group

Recommended options for possible amendments to Annex IV

1. The following are recommended options prepared by the expert working group on the review of the Annexes during its fourth meeting (5–9 October 2020, 1–3 February 2021) for possible amendments to Annex IV. The options cover a general introduction, both the captions and introductory texts for Annex IV A and IV B, as well as the R and D operations listed in both sections of Annex IV.
2. Each R and D operation set out in Annex IV has been reviewed by the expert working group. The recommended options do not necessarily reflect the views of all the members.
3. Each option that is recommended was supported by at least one member of the expert working group. The status quo, namely the current drafting of an operation, was supported by at least one member if it is reflected as an option; when the status quo is not reflected as an option, it is because no member supported it. The options either set out modifications to existing operations, a proposed action (e.g. delete, split, merge operations) or the addition of new operations (D16 to D22, and R12quater under R12 option 2 and R14 to R17) which are listed after operations currently listed in Annex IV for ease of reference. The expert working group agreed that the ordering of the operations could be further considered.
4. The expert working group agreed that, in those cases where the status quo is retained as an option, references to “etc.” should be deleted. The group also agreed to not use “etc.” in any of the options.
5. More information on the fourth meeting of the expert working group on the review of the Annexes, including meeting documents, is available at the Basel Convention website.¹
6. The expert working group agreed that developing rationales in relation to the recommendations would be useful and could be further considered by the group. In the meantime, rationales for options put forward by members and observers can be found in the documents for the four meetings of the group and in particular the reports of the meetings as well as submissions from Parties and others contained or compiled in information documents.²

¹ See

<http://www.basel.int/Implementation/LegalMatters/LegalClarity/Meetings/4rdRAEWGmtg/tabid/8522/Default.aspx>.

² For the first meeting of the EWG, see the working documents, meeting report and information documents UNEP/CHW/RA_EWG.1/INF/2, UNEP/CHW/RA_EWG.1/INF/3 and UNEP/CHW/RA_EWG.1/INF/4 available at:

<http://www.basel.int/Implementation/LegalMatters/LegalClarity/Meetings/1stRAEWGmtg/tabid/6237/Default.aspx>.

For the second meeting of the EWG, see the working documents, meeting report and information documents UNEP/CHW/RA_EWG.2/INF/3, UNEP/CHW/RA_EWG.2/INF/5/rev.1 and UNEP/CHW/RA_EWG.2/INF/6/Rev.1 available at:

<http://www.basel.int/Implementation/LegalMatters/LegalClarity/Meetings/2ndRAEWGmtg/tabid/7690/Default.aspx>.

For the third meeting of the EWG, see the working documents, meeting report and information documents UNEP/CHW/RA_EWG.3/INF/2, UNEP/CHW/RA_EWG.3/INF/3, UNEP/CHW/RA_EWG.3/INF/4 available at: <http://www.basel.int/Implementation/LegalMatters/LegalClarity/Meetings/3rdRAEWGmtg/tabid/8108/Default.aspx>.

For the fourth meeting, see the working documents, meeting report and information documents UNEP/CHW/RA_EWG.4/INF/3, UNEP/CHW/RA_EWG.4/INF/4/rev.2, UNEP/CHW/RA_EWG.4/INF/6/rev.1 and UNEP/CHW/RA_EWG.4/INF/11 available at <http://www.basel.int/Implementation/LegalMatters/LegalClarity/Meetings/4rdRAEWGmtg/tabid/8522/Default.aspx>.

I. General introduction for Annex IV

Annex IV Disposal operations

There are two categories of disposal operations, namely [final disposal] [non-recovery] operations and recovery operations. Section A encompasses [final disposal] [non-recovery] operations and Section B recovery operations.

This Annex also covers in both sections A and B disposal operations that occur prior to submission to any of the operations in the respective section.¹

This Annex covers all disposal operations, regardless of their legal status and regardless of whether they are considered to be environmentally sound.

II. Captions and introductory texts for sections A and B of Annex IV

A. [FINAL DISPOSAL] [NON RECOVERY] OPERATIONS

A [final disposal] [non-recovery] operation is an operation which is not a recovery [or recycling] operation even where the operation has as a secondary consequence the reclamation of substances or energy.

B. RECOVERY [AND RECYCLING] OPERATIONS

A recovery [or recycling] operation is an operation the principal result of which is waste serving a useful purpose by replacing other materials which would otherwise have been used to fulfil a particular function, or waste being prepared to fulfil that function, in the plant or in the wider economy.

III. Options for possible amendment proposals to Section A of Annex IV

D1 Deposit into or onto land, (e.g., landfill, etc.)

1. Deposit into or onto land, (e.g. non engineered landfill, dumpsites) other than by any operations D2 to D5, D12 or D12bis
2. *Split in 2:*
 1. D1: Deposit onto land other than covered by D4 and D5 (e.g. permanent aboveground storage)
 2. D1bis: Deposit into land other than covered by D12 (e.g. injection into wells, salt domes of naturally occurring repositories)

D2 Land treatment, (e.g., biodegradation of liquid or sludgy discards in soils, etc.)

0. Status quo
1. [Treatment of land [in situ] [or through interaction with land] [other than covered by R10 in Section B] (e.g. [biodegradation or biological or chemical treatment], [landfarming])]
2. [Treatment through interaction with land [other than covered by R10 in Section B] (e.g. biodegradation of liquids or sludges in soil [, or landfarming])]

D3 Deep injection, (e.g., injection of pumpable discards into wells, salt domes of naturally occurring repositories, etc.)

1. *Delete and merge with D1*
2. Deep injection (e.g. injection into wells, salt domes of naturally occurring repositories)

¹ See operations D8, D9, D13, D14, D15, D19 and D21 in section A, and operations R12, R13 and R16 in Section B.

D4 Surface impoundment, (e.g., placement of liquid or sludge discards into pits, ponds or lagoons, etc.)

1. Surface impoundment (e.g. placement of liquids or sludge into pits, [basins,] [ponds,] [or] tailing[s] dams [or lagoons])

D5 Specially engineered landfill, (e.g., placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)

1. Deposit in an [aboveground] engineered landfill isolated from the environment
2. Deposit in an engineered landfill isolated from the environment

D6 Release into a water body except seas/oceans

0. Status quo

D7 Release into seas/oceans including sea-bed insertion

0. Status quo

D8 Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations in Section A

1. Biological treatment [not specified elsewhere in section A,] [other than covered by ...] prior to submission to any of the operations in Section A [(e.g. aerobic or anaerobic processes [such as activated sludge treatment, aerated lagoons and stabilisation ponds])]

D9 Physico chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations in Section A, (e.g., evaporation, drying, calcination, neutralization, precipitation, etc.)

1. [Manual treatment (e.g. separation),] Physical/mechanical treatment [other than covered by D13] (e.g. [separation, size reduction,]evaporation, drying, [autoclaving]), physical/chemical treatment (e.g. solvent extraction), chemical treatment (e.g. neutralization, chemical precipitation[, oxidation, reduction]) or immobilization (e.g. stabilization, solidification[, encapsulation]) [not specified elsewhere in section A] prior to submission to any of the operations in section A.
2. *Split in 3*

[D9 Manual or mechanical [operations] [treatment] other than covered by D13 (e.g. dismantling, sorting, crushing, compacting, shredding, separating) prior to submission to any of the operations in section A.

D9bis Physical treatment (e.g., evaporation, filtration, encapsulation) or mechanical treatment (e.g., crushing) not specified elsewhere in section A, prior to submission to any of the operations in Section A.

D9ter Chemical treatment (e.g., neutralization, precipitation, immobilization) not specified elsewhere in section A, prior to submission to any of the operations in section A].
3. *Split in 5:*

D9 [Manual treatment (e.g. separation), prior to submission to any of the operations in Section A.

D9bis Physical/mechanical treatment [other than covered by D13] (e.g. size reduction, physical sorting, air classification, flotation, evaporation, distillation, soil flushing, [microwave irradiation, sterilization], evaporation, drying, [autoclaving]), [not specified elsewhere in section A], prior to submission to any of the operations in section A.

D9ter Physical/chemical treatment (e.g. solvent extraction, desorption, leaching, ion exchange) [not specified elsewhere in section A,] prior to submission to any of the operations in Section A.

D9quarter Chemical treatment (e.g. neutralization, [chemical] precipitation, dechlorination, reduction/oxidation, flocculation,), [other than covered by D17] [not specified elsewhere in this section A,] prior to submission to any of the operations in section A.

D9quinties: Immobilization techniques (e.g. stabilization, solidification [, encapsulation]) [not specified elsewhere in section A,] prior to submission to any of the operations in Section A.]

D10 Incineration on land

1. Thermal treatment [on land] [other than covered by R1 in Section B] [other than covered by [D11 and] D18 [and R1] [and R15]](e.g. incineration [, co-incineration, pyrolysis, gasification, thermal desorption, sintering and vitrification]).

D11 Incineration at sea

1. Delete and merge with D10
2. Thermal treatment at sea (e.g. incineration [, pyrolysis and gasification])

D12 Permanent storage (e.g., emplacement of containers in a mine, etc.)*1. Split in 2:*

D12 Permanent underground storage (e.g. placement of containers in a mine)

D12bis

[Permanent aboveground storage (e.g. placement of containers in a warehouse)]

[Merge with D1]

D13 Blending or mixing prior to submission to any of the operations in Section A

0. Status quo
1. [Mixing, including blending, prior to the submission to any operation in Section A]

D14 Repackaging prior to submission to any of the operations in Section A

0. Status quo

D15 Storage pending any of the operations in Section A

1. [Temporary] storage prior to submission to any of the operations in section A

NEW OPERATIONS**D16 Release to the atmosphere (e.g. venting of compressed or liquefied gases)**

[D17 Treatment by nanomaterials]

[D18 Open burning]

[D19 Sterilization or disinfection [of infectious waste] (e.g. autoclave, microwave-radio waves, physical sterilization, chemicals sterilization, steam) prior to submission to any of the operations in section A]

[D20 Other treatment than covered by D1 option 3, D2 option1, D3 option1, D5 option1, D6, D7, D10 option1, D12 and D16 above]

[D21 Other treatment than covered by D8 option 2, D9 option1, D13 option 1, and D14 above prior to submission to any of the operations in Section A]

[D22 Co-processing]

IV. Options for possible amendment proposals to Section B of Annex IV**R1 Use as a fuel (other than in direct incineration) or other means to generate energy**

1. Use as a fuel or other means to generate energy [or to reduce energy requirements]
2. Thermal treatment with the principal result to generate energy [except where covered by R15] [or to reduce energy requirements] (e.g. incineration [with energy recovery])

R2 Solvent reclamation/regeneration

0. Status quo
1. Delete and merge with R3 option1 and R5 option1
2. [Recycling[/reclamation] of solvents (e.g., distillation, filtration, centrifugation) other than covered by R9]

- R3 Recycling/reclamation of organic substances which are not used as solvents**
0. Status quo
 1. Recycling of organic substances (e.g. [regeneration,] physical/mechanical treatment, chemical treatment)
- R4 Recycling/reclamation of metals and metal compounds**
0. Status quo
 1. Recycling of metals and metal compounds (e.g. smelting, hydrometallurgy, physical/mechanical treatment [, precipitation, pyrometallurgy, distillation, metal casting])
- R5 Recycling/reclamation of other inorganic materials**
0. Status quo
 1. Recycling of inorganic materials other than covered by R4 [, ... R6, R7, R8...] (e.g. [regeneration,] physical/mechanical treatment, chemical treatment)
- R6 Regeneration of acids or bases**
0. Status quo
 1. *Delete R6 and merge with R3 option1 and R5 option1*
- R7 Recovery of components used for pollution abatement**
0. Status quo
 1. *Delete R7 and merge with R3 option1, R4 option1 and R5 option1*
 2. Recycling of components used for pollution control (e.g. recycling of activated carbon)
- R8 Recovery of components from catalysts**
0. Status quo
 1. Recycling of [components from or] catalysts (e.g. hydrometallurgy, pyrometallurgy)
 2. *Delete R8 and merge with R3 option1, R4 option1 and R5 option1*
- R9 Used oil re-refining or other reuses of previously used oil**
1. [Recycling of used oil (e.g. [filtering,] Re-refining [of used oil]
 2. *Delete and merge with R3 option1*
 3. Recycling or re-refining mineral oil [or hydrocarbons-based oils] (e.g. filtering, distillation, other physical/chemical treatment)
- R10 Land treatment resulting in benefit to agriculture or ecological improvement**
1. Land treatment other than in D2 in Section A resulting in benefit to agriculture or ecological improvement [(e.g. valorisation of phosphorus or nitrogen content, preparation or manufacture of amendments or fertilizers, improvement of disaggregated soils without an agronomic purpose)] [(e.g. biological or chemical treatment)] [composting])]
 2. *Delete and merge with R12 quarter under R12 option 2*
 3. Deposition on land resulting in benefit to agriculture or ecological improvement (e.g. application of fertilizer or wetting agent)
- R11 Uses of residual materials obtained from any of the operations numbered R1-R10**
0. Status quo
 1. *Delete*
- R12 Exchange of wastes for submission to any of the operations numbered R1-R11**
0. Status quo
 1. *Keep status quo and add option 2 as new operations*
 2. *Split and replace by four operations mirroring D operations: R12 (mirroring D8)*

Biological treatment [not specified elsewhere in Section B,] [other than covered by ...] prior to submission to any of the operations in Section B [(e.g. aerobic or anaerobic processes such as activated sludge treatment, aerated lagoons and stabilisation ponds)]

R12bis (*mirroring D9*)

a) [Manual treatment (e.g. separation),] Physical/mechanical treatment [other than covered by R12ter] (e.g. [separation, size reduction,]evaporation, drying, [autoclaving]), physical/chemical treatment (e.g. solvent extraction) or chemical treatment (e.g. neutralization, chemical precipitation[, oxidation, reduction]) [not specified elsewhere in Section B] prior to submission to any of the operations in Section B

b) *Split in 3*

[R12bis(i) Manual or mechanical [operations] [treatment] other than covered by R12ter (e.g. dismantling, sorting, crushing, compacting, shredding, separating) prior to submission to any of the operations in Section B

R12bis(ii) Physical treatment (e.g., evaporation, filtration) or mechanical treatment (e.g., crushing) not specified elsewhere in Section B, prior to submission to any of the operations in Section B

R12bis(iii) Chemical treatment (e.g., neutralization, precipitation) not specified elsewhere in Section B, prior to submission to any of the operations in Section B]

c) *Split in 4*

[R12bis (i) Manual treatment (e.g. separation), prior to submission to any of the operations in Section B.

R12bis (ii) Physical/mechanical treatment [other than covered by R12ter] (e.g. size reduction, physical sorting, air classification, flotation, evaporation, distillation, soil flushing, [microwave irradiation, sterilization], evaporation, drying, [autoclaving]), [not specified elsewhere in Section B], prior to submission to any of the operations in Section B.

R12bis (iii) Physical/chemical treatment (e.g. solvent extraction, desorption, leaching, ion exchange) [not specified elsewhere in Section B,] prior to submission to any of the operations in Section B.

R12bis (iv) Chemical treatment (e.g. neutralization, [chemical] precipitation, dechlorination, reduction/oxidation, flocculation,), [not specified elsewhere in Section B,] prior to submission to any of the operations in Section B.]

R12ter (*mirroring D13*)

[Mixing, including blending, prior to the submission to any operation in Section B]

R12quater (*mirroring D21*)

[Other treatment than covered by R12, R12bis, R12ter and R16 above prior to submission to any of the operations in Section B.]

R13 Accumulation of material intended for any operation in Section B

1. [Temporary] storage prior to submission to any of the operations in Section B

NEW OPERATIONS

[R14 Preparing for re-use (e.g. checking, cleaning, repair, refurbishment)]

[R15 Co-processing (e.g. reducing energy requirements)]

R16 Repackaging prior to submission to any of the operations in Section B

[R17 Other treatment than covered by R1 option2, R3 option1, R4 option1, R5 option1 and R14 above]

Appendix II to the recommendations by the expert working group

Recommended option for possible amendments to A1180 and B1110

A1180

Waste electrical and electronic equipment [including scrap [thereof]]

- a) containing or contaminated with Annex I constituents (e.g. cadmium, lead, mercury, organohalogen compounds) to an extent that the waste exhibits an Annex III characteristic, or
- b) containing components included on list A or components (e.g. circuit boards, display devices) containing Annex I constituents to an extent that the waste exhibits an Annex III characteristic (e.g. mercury switches, lamps containing mercury, capacitors containing PCBs) [or]
- b) ALT with a component [included on list A or components (e.g. circuit boards, display devices)] containing Annex I constituents [so] [to an extent] that [it] [the waste] exhibits an Annex III characteristic (e.g. with glass from cathode ray tubes or a battery included on list A, a mercury switch, a lamp containing mercury, a fluorescent tube containing mercury, a capacitor containing PCBs or a component containing asbestos) or with a component (e.g. a circuit board, a display device or a plastic component containing a brominated flame retardant) containing or contaminated with Annex I constituents to an extent that [it] [the waste] exhibits an Annex III characteristic; [or]

Waste components of electrical and electronic equipment containing or contaminated with Annex I constituents to an extent that the waste exhibits an Annex III characteristic, unless covered by another entry on list A[; or

Fractions from the [pre-treatment] of waste electrical and electronic equipment or waste components of electrical and electronic equipment containing or contaminated with Annex I constituents to an extent that the waste exhibits an Annex III characteristic, unless covered by another entry on list A] (note the related entry on list B B1110).¹⁰

¹⁰ PCBs or PBBs are at a concentration level of 50 mg/kg or more in equipment [,] [including scrap [thereof] or] in a component [or in a fraction].

B1110

Waste electrical and electronic equipment [including scrap [thereof]]

- a) not containing and not contaminated with Annex I constituents (e.g. cadmium, lead, mercury, organohalogen compounds) to an extent that the waste exhibits an Annex III characteristic and
- b) not containing components included on list A or components (e.g. circuit boards, display devices) containing Annex I constituents to an extent that the waste exhibits an Annex III characteristic (e.g. mercury switches, lamps containing mercury, capacitors containing PCBs) [or]
- b) ALT without any component [included on list A or components (e.g. circuit boards, display devices)] containing Annex I constituents [so] [to an extent] that [it] [the waste] exhibits an Annex III characteristic (e.g. without glass from cathode ray tubes or a battery included on list A, a mercury switch, a lamp containing mercury, a fluorescent tube containing mercury, a capacitor containing PCBs or a component containing asbestos) and without any component (e.g. a circuit board, a display device or a plastic component containing a brominated flame retardant) containing or contaminated with Annex I constituents to an extent that [it] [the waste] exhibits an Annex III characteristic; [or]

Waste components of electrical and electronic equipment not containing and not contaminated with Annex I constituents to an extent that the waste exhibits an Annex III characteristic, unless covered by another entry on list B[; or

Fractions from the [pre-treatment] of waste electrical and electronic equipment or waste components of electrical and electronic equipment not containing and not contaminated with Annex I constituents to an extent that the waste exhibits an Annex III characteristic, unless covered by another entry on list B] (note the related entry on list A A1180).¹⁰

¹⁰ PCBs or PBBs are at a concentration level of less than 50 mg/kg in equipment[,] [including scrap [thereof] or] in a component [or in a fraction].
