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Delegations will find attached document D041696/01 Annexes 1 to 2.

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Encl.: D041696/01 Annexes 1 to 2



EUROPEAN  
COMMISSION

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ANNEXES 1 to 2

## **ANNEXES**

**to the**

**Commission Regulation**

**amending Annexes IV and V to Regulation (EC) No 850/2004 of the European  
Parliament and of the Council on persistent organic pollutants**

## ANNEX IV

In the table of Annex IV, the following row is added:

### **List of substances subject to waste management provisions set out in Article 7**

Substance	CAS No	EC No	Concentration limit referred to in Article 7(4)(a)
Hexabromocyclododecane <sup>1</sup>	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	247-148-4 221-695-9	1 000 mg/kg, subject to review by the Commission by [3 years after the date of entry into force of this Regulation]

## ANNEX V

In Annex V, Part 2, the table is replaced by the following table:

Wastes as classified in Commission Decision 2000/532/EC		Maximum concentration limits of substances listed in Annex IV <sup>2</sup>	Operation
10	WASTES FROM THERMAL PROCESSES	Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs): 10 000 mg/kg;  Aldrin: 5 000 mg/kg;	Permanent storage shall be allowed only when all the following conditions are met:  (1) The storage takes
10 01	Wastes from power stations and other combustion plants (except 19)		

<sup>1</sup> "Hexabromocyclododecane" means hexabromocyclododecane, 1,2,5,6,9,10-hexabromocyclododecane and its main diastereoisomers: alpha-hexabromocyclododecane, beta-hexabromocyclododecane and gamma-hexabromocyclododecane.

<sup>2</sup> These limits apply exclusively to a landfill site for hazardous waste and do not apply to permanent underground storage facilities for hazardous waste, including salt mines.

10 01 14 <sup>7</sup>	Bottom ash, slag and boiler dust from co-incineration containing hazardous substances	Chlordane: 5 000 mg/kg; Chlordecone: 5 000 mg/kg;	<p>place in one of the following locations:</p> <ul style="list-style-type: none"> <li>– safe, deep, underground, hard rock formations;</li> <li>– salt mines;</li> <li>– a landfill site for hazardous waste, provided that the waste is solidified or partly stabilised where technically feasible as required for classification of the waste in subchapter 19 03 of Decision 2000/532/EC.</li> </ul> <p>(2) The provisions of Council Directive 1999/31/EC<sup>5</sup> and Council Decision 2003/33/EC<sup>6</sup> were respected.</p> <p>(3) It has been demonstrated that the selected operation is environmentally preferable.</p>
10 01 16 *	Fly ash from co-incineration containing hazardous substances	DDT (1,1,1-trichloro-2,2-bis (4-chlorophenyl) ethane): 5 000 mg/kg;	
10 02	Wastes from the iron and steel industry	Dieldrin: 5 000 mg/kg; Endosulfan: 5 000 mg/kg;	
10 02 07 *	Solid wastes from gas treatment containing hazardous substances	Endrin: 5 000 mg/kg; Heptachlor: 5 000 mg/kg;	
10 03	Wastes from aluminium thermal metallurgy	Hexabromobiphenyl: 5 000 mg/kg;	
10 03 04 *	Primary production slags	Hexabromocyclododecane <sup>3</sup> : 1 000 mg/kg;	
10 03 08 *	Salt slags from secondary production	Hexachlorobenzene: 5 000 mg/kg;	
10 03 09 *	Black drosses from secondary production	Hexachlorobutadiene: 1 000 mg/kg;	
10 03 19 *	Flue-gas dust containing hazardous substances	Hexachlorocyclohexanes, including lindane: 5000 mg/kg;	
10 03 21 *	Other particulates and dust (including ball-mill dust) containing hazardous substances	Mirex: 5 000 mg/kg;	
10 03 29 *	Wastes from treatment of salt slags and black drosses containing hazardous substances	Pentachlorobenzene: 5 000 mg/kg;	
10 04	Wastes from lead thermal metallurgy	Perfluorooctane sulfonic acid and its derivatives (PFOS) (C <sub>8</sub> F <sub>17</sub> SO <sub>2</sub> X) (X=OH, Metal salt (O-M <sup>+</sup> ), halide, amide, and other derivatives including	
10 04 01 *	Slags from primary and secondary production		

<sup>7</sup> Any waste marked with an asterisk "\*" is considered as hazardous waste pursuant to Directive 2008/98/EC and is subject to the provisions of that Directive.

<sup>3</sup> "Hexabromocyclododecane" means hexabromocyclododecane, 1,2,5,6,9,10-hexabromocyclododecane and its main diastereoisomers: alpha- hexabromocyclododecane, beta- hexabromocyclododecane and gamma- hexabromocyclododecane

10 04 02 *	Dross and skimmings from primary and secondary production	polymers): 50 mg/kg;  Polychlorinated Biphenyls (PCB) <sup>4</sup> :50 mg/kg;	
10 04 04 *	Flue-gas dust	Polychlorinated dibenzo-p-dioxins and dibenzofurans: 5 mg/kg;	
10 04 05 *	Other particulates and dust		
10 04 06 *	Solid wastes from gas treatment	Polychlorinated naphthalenes*: 1 000 mg/kg;	
10 05	Wastes from zinc thermal metallurgy	Sum of the concentrations of tetrabromodiphenyl ether (C <sub>12</sub> H <sub>6</sub> Br <sub>4</sub> O), pentabromodiphenyl ether (C <sub>12</sub> H <sub>5</sub> Br <sub>5</sub> O), hexabromodiphenyl ether (C <sub>12</sub> H <sub>4</sub> Br <sub>6</sub> O)and heptabromodiphenyl ether (C <sub>12</sub> H <sub>3</sub> Br <sub>7</sub> O): 10 000 mg/kg;  Toxaphene: 5 000 mg/kg.	
10 05 03 *	Flue-gas dust		
10 05 05 *	Solid waste from gas treatment		
10 06	Wastes from copper thermal metallurgy		
10 06 03 *	Flue-gas dust		
10 06 06 *	Solid wastes from gas treatment		
10 08	Wastes from other non-ferrous thermal metallurgy		
10 08 08 *	Salt slag from primary and secondary production		
10 08 15 *	Flue-gas dust containing hazardous substances		
10 09	Wastes from casting of ferrous pieces		
10 09 09 *	Flue-gas dust containing hazardous substances		

<sup>5</sup> Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste (OJ L 182, 16.7.1999, p.1)

<sup>6</sup> Council Decision 2003/33/EC of 19 December 2002 establishing criteria and procedures for the acceptance of waste at landfills pursuant to Article 16 of and Annex II to Directive 1999/31/EC (OJ L 11, 16.1.2003, p.27).

<sup>4</sup> The calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall apply.

16	WASTES OTHERWISE SPECIFIED IN THE LIST		
16 11	Waste linings and refractories		
16 11 01 *	Carbon-based linings and refractories from metallurgical processes containing hazardous substances		
16 11 03 *	Other linings and refractories from metallurgical processes containing hazardous substances		
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)		
17 01	Concrete, bricks, tiles and ceramics		
17 01 06 *	Mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing hazardous substances		
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil		
17 05 03 *	Soil and stones containing hazardous substances		
17 09	Other construction and demolition wastes		

17 09 02 *	Construction and demolition wastes containing PCB, excluding PCB containing equipment		
17 09 03 *	Other construction and demolition wastes (including mixed wastes) containing hazardous substances		
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FROM INDUSTRIAL USE		
19 01	Wastes from incineration or pyrolysis of waste		
19 01 07 *	Solid wastes from gas treatment		
19 01 11 *	Bottom ash and slag containing hazardous substances		
19 01 13 *	Fly ash containing hazardous substances		
19 01 15 *	Boiler dust containing hazardous substances		
19 04	Vitrified waste and waste from vitrification		
19 04 02 *	Fly ash and other flue-gas treatment wastes		
19 04 03 *	Non-vitrified solid phase		

The maximum concentration limit of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD and PCDF) shall be calculated according to the following toxic equivalency factors (TEFs):

PCDD	TEF
2,3,7,8-TeCDD	1
1,2,3,7,8-PeCDD	1
1,2,3,4,7,8-HxCDD	0,1
1,2,3,6,7,8-HxCDD	0,1
1,2,3,7,8,9-HxCDD	0,1
1,2,3,4,6,7,8-HpCDD	0,01
OCDD	0,0003
PCDF	TEF
2,3,7,8-TeCDF	0,1
1,2,3,7,8-PeCDF	0,03
2,3,4,7,8-PeCDF	0,3
1,2,3,4,7,8-HxCDF	0,1
1,2,3,6,7,8-HxCDF	0,1
1,2,3,7,8,9-HxCDF	0,1
2,3,4,6,7,8-HxCDF	0,1
1,2,3,4,6,7,8-HpCDF	0,01
1,2,3,4,7,8,9-HpCDF	0,01
OCDF	0,0003