

Status: Point in time view as at 26/07/2019.

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ANNEX II

Pollutants⁽¹⁾

No	CAS number	Pollutant ^a	Threshold for releases(column 1)		
			to air(column 1a)kg/year	to water(column 1b)kg/year	to land(column 1c)kg/year
1	74-82-8	Methane (CH ₄)	100 000	— ^b	—
2	630-08-0	Carbon monoxide (CO)	500 000	—	—
3	124-38-9	Carbon dioxide (CO ₂)	100 million	—	—
4		Hydro-fluorocarbons (HFCs) ^c	100	—	—
5	10024-97-2	Nitrous oxide (N ₂ O)	10 000	—	—
6	7664-41-7	Ammonia (NH ₃)	10 000	—	—
7		Non-methane volatile organic compounds (NMVOC)	100 000	—	—
8		Nitrogen oxides (NO _x /NO ₂)	100 000	—	—
9		Perfluorocarbons (PFCs) ^d	100	—	—
10	2551-62-4	Sulphur hexafluoride (SF ₆)	50	—	—
11		Sulphur oxides (SO _x /SO ₂)	150 000	—	—
12		Total nitrogen	—	50 000	50 000
13		Total phosphorus	—	5 000	5 000
14		Hydrochlorofluorocarbons (HCFCs) ^e	—	—	—

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15		Chlorofluorocarbons (CFCs) ^f	—	—	—
16		Halons ^g	1	—	—
17		Arsenic and compounds (as As) ^h	20	5	5
18		Cadmium and compounds (as Cd) ^h	10	5	5
19		Chromium and compounds (as Cr) ^h	100	50	50
20		Copper and compounds (as Cu) ^h	100	50	50
21		Mercury and compounds (as Hg) ^h	10	1	1
22		Nickel and compounds (as Ni) ^h	50	20	20
23		Lead and compounds (as Pb) ^h	200	20	20
24		Zinc and compounds (as Zn) ^h	200	100	100
25	15972-60-8	Alachlor	—	1	1
26	309-00-2	Aldrin	1	1	1
27	1912-24-9	Atrazine	—	1	1
28	57-74-9	Chlordane	1	1	1
29	143-50-0	Chlordecone	1	1	1
30	470-90-6	Chlorfenvinphos	—	1	1
31	85535-84-8	Chloroalkanes, C ₁₀ -C ₁₃	—	1	1
32	2921-88-2	Chlorpyrifos	—	1	1
33	50-29-3	DDT	1	1	1
34	107-06-2	1,2-dichloroethane (EDC)	1 000	10	10

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35	75-09-2	Dichloromethane (DCM)	1 000	10	10
36	60-57-1	Dieldrin	1	1	1
37	330-54-1	Diuron	—	1	1
38	115-29-7	Endosulphan	—	1	1
39	72-20-8	Endrin	1	1	1
40		Halogenated organic compounds (as AOX) ⁱ	—	1 000	1 000
41	76-44-8	Heptachlor	1	1	1
42	118-74-1	Hexachlorobenzene (HCB)	1	1	1
43	87-68-3	Hexachlorobutadiene (HCBd)	1	1	1
44	608-73-1	1,2,3,4,5,6-hexachlorocyclohexane (HCH)	10	1	1
45	58-89-9	Lindane	1	1	1
46	2385-85-5	Mirex	1	1	1
47		PCDD + PCDF (dioxins + furans) (as Teq) ^j	0,0001	0,0001	0,0001
48	608-93-5	Pentachlorobenzene	1	1	1
49	87-86-5	Pentachlorophenol (PCP)	1	1	1
50	1336-36-3	Polychlorinated biphenyls (PCBs)	0,1	0,1	0,1
51	122-34-9	Simazine	—	1	1
52	127-18-4	Tetrachloroethylene (PER)	1 000	10	—
53	56-23-5	Tetrachloroethane (TCM)	1	1	—
54	12002-48-1	Trichlorobenzenes (TCBs) (all isomers)	1	1	—
55	71-55-6	1,1,1-trichloroethane	100	—	—

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56	79-34-5	1,1,2,2-tetrachloroethane	50	—	—
57	79-01-6	Trichloroethylene	2 000	10	—
58	67-66-3	Trichloromethane	500	10	—
59	8001-35-2	Toxaphene	1	1	1
60	75-01-4	Vinyl chloride	1 000	10	10
61	120-12-7	Anthracene	50	1	1
62	71-43-2	Benzene	1 000	200 (as BTEX) ^k	200 (as BTEX) ^k
63		Brominated diphenylethers (PBDE) ^l	—	1	1
64		Nonylphenol and Nonylphenol ethoxylates (NP/NPEs)	—	1	1
65	100-41-4	Ethyl benzene	—	200 (as BTEX) ^k	200 (as BTEX) ^k
66	75-21-8	Ethylene oxide	1 000	10	10
67	34123-59-6	Isoproturon	—	1	1
68	91-20-3	Naphthalene	100	10	10
69		Organotin compounds(as total Sn)	—	50	50
70	117-81-7	Di-(2-ethyl hexyl) phthalate (DEHP)	10	1	1
71	108-95-2	Phenols (as total C) ^m	—	20	20
72		Polycyclic aromatic hydrocarbons (PAHs) ⁿ	50	5	5
73	108-88-3	Toluene	—	200 (as BTEX) ^k	200 (as BTEX) ^k
74		Tributyltin and compounds ^o	—	1	1

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75		Triphenyltin and compounds ^p	—	1	1
76		Total organic carbon (TOC) (as total C or COD/3)	—	50 000	—
77	1582-09-8	Trifluralin	—	1	1
78	1330-20-7	Xylenes ^q	—	200 (as BTEX) ^k	200 (as BTEX) ^k
79		Chlorides (as total Cl)	—	2 million	2 million
80		Chlorine and inorganic compounds (as HCl)	10 000	—	—
81	1332-21-4	Asbestos	1	1	1
82		Cyanides (as total CN)	—	50	50
83		Fluorides (as total F)	—	2 000	2 000
84		Fluorine and inorganic compounds (as HF)	5 000	—	—
85	74-90-8	Hydrogen cyanide (HCN)	200	—	—
86		Particulate matter (PM ₁₀)	50 000	—	—
87	1806-26-4	Octylphenols and Octylphenol ethoxylates	—	1	—
88	206-44-0	Fluoranthene	—	1	—
89	465-73-6	Isodrin	—	1	—
90	36355-1-8	Hexabromobiphenyl	—	0,1	0,1
91	191-24-2	Benzo(g,h,i)perylene	—	1	—

a Unless otherwise specified any pollutant specified in Annex II shall be reported as the total mass of that pollutant or, where the pollutant is a group of substances, as the total mass of the group.

b A hyphen (—) indicates that the parameter and medium in question do not trigger a reporting requirement.

c Total mass of hydrogen fluorocarbons: sum of HFC23, HFC32, HFC41, HFC4310mee, HFC125, HFC134, HFC134a, HFC152a, HFC143, HFC143a, HFC227ea, HFC236fa, HFC245ca, HFC365mfc.

d Total mass of perfluorocarbons: sum of CF₄, C₂F₆, C₃F₈, C₄F₁₀, c-C₄F₈, C₅F₁₂, C₆F₁₄.

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- e** Total mass of substances including their isomers listed in Group VIII of Annex I to Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer (OJ L 244, 29.9.2000, p. 1). Regulation as amended by Regulation (EC) No 1804/2003 (OJ L 265, 16.10.2003, p. 1).
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- f** Total mass of substances including their isomers listed in Group I and II of Annex I to Regulation (EC) No 2037/2000.
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- g** Total mass of substances including their isomers listed in Group III and VI of Annex I to Regulation (EC) No 2037/2000.
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- h** All metals shall be reported as the total mass of the element in all chemical forms present in the release.
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- i** Halogenated organic compounds which can be adsorbed to activated carbon expressed as chloride.
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- j** Expressed as I-TEQ.
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- k** Single pollutants are to be reported if the threshold for BTEX (the sum parameter of benzene, toluene, ethyl benzene, xylenes) is exceeded.
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- l** Total mass of the following brominated diphenylethers: penta-BDE, octa-BDE and deca-BDE.
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- m** Total mass of phenol and simple substituted phenols expressed as total carbon.
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- n** Polycyclic aromatic hydrocarbons (PAHs) are to be measured for reporting of releases to air as benzo(a)pyrene (50-32-8), benzo(b)fluoranthene (205-99-2), benzo(k)fluoranthene (207-08-9), indeno(1,2,3-cd)pyrene (193-39-5) (derived from Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants (OJ L 229, 29.6.2004, p. 5)).
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- o** Total mass of tributyltin compounds, expressed as mass of tributyltin.
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- p** Total mass of triphenyltin compounds, expressed as mass of triphenyltin.
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- q** Total mass of xylene (ortho-xylene, meta-xylene, para-xylene).
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- (1) Releases of pollutants falling into several categories of pollutants shall be reported for each of these categories.

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