

(参考) 変更後の対象物質・しきい値リスト

表 5-1 更新後の対象物質・しきい値リスト (大気)

表 5-2 更新後の対象物質・しきい値リスト (水/下水)

表 5-3 今回の見直しで大気への排出の対象物質として付け加えられた物質

表 5-4 今回の見直しで水への排出の対象物質として付け加えられた物質

表 5-5 大気への排出の対象物質リストから削除された物質

表 5-6 水/下水への排出の対象物質リストから削除された物質

表 5-1: 更新後の対象物質・しきい値リスト (大気)

Common name [systematic name] (common abbreviation)	CAS No.	Driver*	New	Current threshold (kg)	Proposed threshold (kg)	Basis for proposed threshold**
Acetaldehyde [ethanal]	75-07-0	8		100	100	A
Acrolein	107-02-8	8	Y	N/A	10	H
Acrylamide [2-propenamide]	79-06-1	8		100	10	D
Acrylonitrile [2-propenenitrile]	107-13-1	8,9		10,000	1,000	D
Aldrin	309-00-2	2,3,6,8		10	1	D
Allyl alcohol [2-propen-1-ol]	107-18-6	8		10	10	B
Amitrole [aminotriazole]	61-82-5	8		10	1	D
Ammonia	7664-41-7	1,2,3,6		1,000	1,000	A
Aniline [benzeneamine]	62-53-3	8,9		50	10	E
Anthracene	120-12-7	2,3	Y	N/A	10	H
Antimony	7440-36-0	10		5	1	E
Arsenic	7440-38-2	1,2,3,6,10		1	1	A
Asbestos	1332-21-4	2,3	Y	N/A	1	F
Benzene	71-43-2	1,2,3,4,8		1,000	1,000	A
Benzo (a) pyrene	50-32-8	1,2,3,6,8		1	1	A
Benzo (b) fluoranthene	205-99-2	1,2,3,6,8	Y	N/A	1	G
Benzo (g,h,i) perylene	191-24-2	1	Y	N/A	1	G
Benzo (k) fluoranthene	207-08-9	1,2,3,6,8	Y	N/A	1	G
Benzyl butyl phthalate (BBP)	85-68-7	9		100	10	D
Benzyl chloride	100-44-7	8		50	10	E
Beryllium	7440-41-7	10		1	1	B

* 表 2 の要因

**表 4 のコード

表 5-1：更新後の対象物質・しきい値リスト（大気） - 続き

Common name [systematic name] (common abbreviation)	CAS No.	Driver	New	Current threshold (kg)	Proposed threshold (kg)	Basis for proposed threshold
Boron	7440-42-8	10		5,000	1,000	E
Brominated diphenylethers	-	9		100	10	D
Bromoethene	593-60-2	8	Y	N/A	10	H
Butadiene [1,3-butadiene]	106-99-0	4,8,9		1,000	100	D
Butene – all isomers	-	8		10,000	1,000	D
Cadmium	7440-43-9	1,2,3,6,10		1	1	A
Carbon dioxide	124-38-9	1,2,3,5		10 million	10 million	A
Carbon disulphide	75-15-0	8		1,000	1,000	A
Carbon monoxide	630-08-0	1,2,3,4		100,000	100,000	A
Carbon tetrachloride [tetrachloromethane]	56-23-5	1,2,3,7,8		100	10	D
Chlordane	57-74-9	2,3	Y	N/A	1	F
Chlordecane	143-50-0	2,3	Y	N/A	1	F
Chlorine and total inorganic chlorine compounds – as HCl	-	1,2,3		10,000	10,000	A
Chloroethane	75-00-3	8	Y	N/A	10	H
Chlorofluorocarbons (CFCs)	-	2,3,7,8		50	1	A
Chloroform [trichloromethane]	67-66-3	1,2,3,8		100	100	B
Chloroprene	126-99-8	8	Y	N/A	10	H
Chromium	7440-47-3	1,2,3,10		10	10	A
Chrysene	218-01-9	8	Y	N/A	10	H
Copper	7440-50-8	1,2,3,10		10	10	A
Crotonaldehyde	4170-30-3	8	Y	N/A	10	H
Cumene hydroperoxide	80-15-9	8	Y	N/A	10	H
Dibutylphthalate (DBP)	84-74-2	9		100	10	D
Dichlorodiphenyltrichloroethane (DDT) – all isomers	50-29-3	2,3,6,8		10	1	C
Dichloromethane	75-09-2	1,2,3,8		1,000	1,000	A
Dieldrin	60-57-1	2,3,6,8		10	1	C
Diethyl aniline [N,N-diethyl benzenamine]	91-66-7	8	Y	N/A	10	H
Di(2-ethylhexyl) phthalate (DEHP)	117-81-7	2,3,8,9		100	10	D
Diethyl ether	60-29-7	8	Y	N/A	10	H
Diisopropyl ether	108-20-3	8	Y	N/A	10	H
Dimethylaniline [N,N-dimethyl benzenamine]	121-69-7	8	Y	N/A	10	H
Dimethyl sulphate	77-78-1	8,9		10	1	D
Dimethylformamide	68-12-2	8		10,000	1,000	D
Dimethyl-o-toluidine	609-72-3	8	Y	N/A	10	H
Dimethyl-p-toluidine	99-97-8	8	Y	N/A	10	H
1,4-dioxane	123-91-1	8		50	10	E
Diphenylamine	122-39-4	8	Y	N/A	10	H
Endrin	72-20-8	2,3,6,8		10	1	C
2-Ethoxyethanol [ethylene glycol ethyl ether]	110-80-5	8		50	10	E
2-Ethoxyethyl acetate [ethylene glycol ethyl ether acetate]	111-15-9	8		10	1	D
Ethyl acrylate	140-88-5	8		50	10	E
Ethylbenzene	100-41-4	8	Y	N/A	100	G
Ethylbromide [bromoethane]	74-96-4	8		100	10	D
1-Ethyl-3,5-dimethylbenzene	934-74-7	8	Y	N/A	10	H

表 5-1：更新後の対象物質・しきい値リスト（大気） - 続き

Common name [systematic name] (common abbreviation)	CAS No.	Driver	New	Current threshold (kg)	Proposed threshold (kg)	Basis for proposed threshold
Ethylene [ethene]	74-85-1	8		10,000	1,000	D
Ethylene dichloride [1,2-dichloroethane]	107-06-2	1,2,3,8		1,000	1,000	A
Ethylene oxide [1,2-epoxyethane]	75-21-8	2,3,8		1,000	1,000	A
Ethyltoluene – all isomers	611-14-3	8		50	10	E
Fluoranthene	206-44-0	1	Y	N/A	1	G
Fluorine and total inorganic fluorine compounds – as HF	-	1,2,3		5,000	1,000	E
Formaldehyde [methanal]	50-00-0	8		50	10	E
Halons	-	2,3,7,8		50	1	C
Heptachlor	76-44-8	2,3,6	Y	N/A	1	F
Hexabromobiphenyl		3,6	Y	N/A	0.1	
Hexabromocyclododecane	25637-99-4	9		100	10	D
Hexachlorobenzene	118-74-1	1,2,3,6,8		10	1	D
1,2,3,4,5,6-Hexachlorocyclohexane (HCH)	608-73-1	1,2,3,8		10	1	D
Hexane	110-54-3	8	Y	N/A	10	H
1-Hexene	592-41-6	8	Y	N/A	10	H
Hydrobromofluorocarbons (HBFCs)	-	7		100	10	H
Hydrochlorofluorocarbons (HCFCs)	-	2,3,7,8		1,000	1	C
Hydrofluorocarbons (HFCs)	-	1,2,3,5,8		100	100	A
Hydrogen chloride	7647-01-0	11		10,000	10,000	A
Hydrogen cyanide	74-90-8	1,2,3,8		200	100	E
Indeno (1,2,3-c,d) pyrene	193-39-5	1,2,3,6,8	Y	N/A	1	G
Iodomethane	74-88-4	8		50	10	E
Isophorone	78-59-1	8	Y	N/A	10	H
Isophorone diisocyanate	4098-71-9	8		10	1	D
Isoprene	78-79-5	8	Y	N/A	10	H
Lead	7439-92-1	1,2,3,4,6,10		100	100	A
Lindane	58-89-1	2,3	Y	N/A	1	F
Maleic anhydride	108-31-6	8		50	10	E
Manganese	7439-96-5	10		50	10	E
Mercury	7439-97-6	1,2,3,6,10		1	1	A
Methane	74-82-8	1,2,3,5,8		10,000	10,000	A
Methanol	67-56-1	8	Y	N/A	100	G
2-(Methoxyethoxy)ethanol	111-77-3	8	Y	N/A	10	H
2-Methoxyethanol	109-86-4	8	Y	N/A	10	H
2-Methoxyethyl acetate	110-49-6	8	Y	N/A	10	H
Methyl bromide [bromomethane]	74-83-9	7,8		100	100	A
2-Methyl-2-butene	513-35-9	8	Y	N/A	10	H
3-Methyl-1-butene	563-45-1	8		100	100	B
Methyl chloride [chloromethane]	74-87-3	8		10,000	1,000	D
Methyl chloroform [1,1,1-trichloroethane]	71-55-6	1,2,3,7		50	10	E
4,4'-methylenebis[2-chloroaniline]	101-14-4	8		10	1	D
4,4'-Methylene dianiline [N,N'-diphenylmethylenediamine]	101-77-9	8		100	10	D
4-4'-methylenediphenyl	101-68-8	8		10	1	D

表 5-1：更新後の対象物質・しきい値リスト（大気） - 続き

Common name [systematic name] (common abbreviation)	CAS No.	Driver	New	Current threshold (kg)	Proposed threshold (kg)	Basis for proposed threshold
diisocyanate						
Methyl isocyanate	624-83-9	8		10	1	D
Mirex	2385-85-5	2,3		N/A	1	F
Naphthalene	91-20-3	2,3,8	Y	N/A	100	G
Nickel	7440-02-0	1,2,3,10		10	10	A
Nitrobenzene	98-95-3	8		50	10	E
Nitrogen oxides (NO and NO ₂ as NO ₂)	-	1,2,3,4,6		100,000	100,000	A
2-Nitropropane	79-46-9	8		10	1	D
Nitrous oxide	10024-97-2	1,2,3,5		10,000	10,000	A
Non-methane volatile organic compounds (NMVOCs)	-	1,2,3,6		10,000	10,000	A
Para-Dichlorobenzene [1,4-dichlorobenzene]	106-46-7	8		10	1	D
Particulates – PM10 and smaller only	-	1,2,3,4		10,000	1,000	D
Particulates – PM2.5 and smaller only	-	-	Y	N/A	1,000	G
Particulates – total	-	11		10,000	10,000	A
Pentachlorobenzene	608-93-5	2,3	Y	N/A	1	F
Pentachlorophenol	87-86-5	1,2,3,8		10	1	D
Pentane	109-66-0	9		100	100	A
Pentene – all isomers	-	8		10,000	1,000	A
Perfluorocarbons (PFCs)	-	1,2,3,5		100	10	D
Phenol	108-95-2	8		50	10	E
Phosgene	75-44-5	8		50	10	E
Polychlorinated biphenyls (PCBs) – as total	-	2,3,6	Y	0.1	0.1	A
Polychlorinated biphenyls (PCBs) – as WHO TEQ	-			0.00001	0.00001	A
Polychlorinated dibenzodioxins and dibenzofurans (PCDDs/PCDFs) as WHO TEQ	-	1,2,3,6		0.00001	0.00001	A
Propylbenzene	103-65-1	8	Y	N/A	10	H
Propylene	115-07-1	8		10,000	10,000	A
Propylene oxide	75-56-9	8,9		100	100	A
Selenium		10		200	100	E
Styrene	100-42-5	8		100	100	A
Sulphur hexafluoride	2551-62-4	1,2,3,5		50	10	E
Sulphur oxides (SO ₂ and SO ₃ as SO ₂)	-	1,2,3,4,6		100,000	100,000	A
Tetrachloroethane [1,1,2,2-tetrachloroethane]	79-34-5	2,3,8		50	10	E
Tetrachloroethylene	127-18-4	1,2,3,8,9		1,000	100	D
Tetrafluoroethylene	116-14-3	8	Y	N/A	10	H
Toluene	108-88-3	8,9		100	100	A
Toluene diisocyanate – all isomers	91-08-7	8		50	10	E
Toxaphene	8001-35-2	2,3,6	Y	N/A	1	F
Trichlorobenzene – all isomers	12002-48-1	1,2,3		10	1	D
Trichloroethylene	79-01-6	1,2,3,8,9		1,000	1,000	A
Trichlorotoluene	98-07-7	8		50	10	E
Trimellitic anhydride	5520-30-7	8		10	1	D

表 5-1：更新後の対象物質・しきい値リスト（大気） - 続き

Common name [systematic name] (common abbreviation)	CAS No.	Driver	New	Current threshold (kg)	Proposed threshold (kg)	Basis for proposed threshold
Trimethylbenzene – all isomers	526-73-8	8		50	10	E
Vanadium	7440-62-2	10		50	10	E
Vinyl acetate	108-05-4	8	Y	N/A	10	H
Vinyl chloride	75-01-4	2,3		10,000	1,000	D
Xylene – all isomers	-	8		10,000	1,000	D
Zinc	7440-66-6	1,2,3,6,10		100	100	A