

Pollutant no		Pollutant name	1	2	3	4	5	6	7	8	9	10	11	14	15	16	17	18	19	20	21	22	23	24	26	28	29	33	34	35	36	39	41	42	44				
			Methane (CH <sub>4</sub> )	Carbon monoxide (CO)	Carbon dioxide (CO <sub>2</sub> )	Hydro-fluorocarbons (HFCs)	Nitrous oxide (N <sub>2</sub> O)	Ammonia (NH <sub>3</sub> )	Non-methane volatile organic compounds (NMVOC)	Nitrogen oxides (NO <sub>x</sub> /NO <sub>2</sub> )	Perfluorocarbons (PFCs)	Sulphur hexafluoride (SF <sub>6</sub> )	Sulphur oxides (SO <sub>2</sub> /SO <sub>2</sub> )	Hydrochlorofluorocarbons (HCFCs)	Chlorofluorocarbons (CFCs)	Halons	Arsenic and compounds (as As)	Cadmium and compounds (as Cd)	Chromium and compounds (as Cr)	Copper and compounds (as Cu)	Mercury and compounds (as Hg)	Nickel and compounds (as Ni)	Lead and compounds (as Pb)	Zinc and compounds (as Zn)	Aldrin	Chlordane	Chlordecone	DDT	1,2-dichloroethane (EDC)	Dichloromethane (DCM)	Dieldrin	Endrin	Heptachlor	Hexachlorobenzene (HCB)	1,2,3,4,5,6-hexachlorocyclohexane (HCH)				
no	b	activity																																					
1		<b>Energy sector</b>																																					
	(a)	Mineral oil and gas refineries	.	.	.	.	.	.	.	.	.	.	NEW				.	.	.	.	.	.	.	.	.	.	.	.	DEL	DEL									
	(b)	Installations for gasification and liquefaction	.	.	.	.	.	.	.	.	.	.	NEW				.	.	.	.	.	.	.	.	.	.	.	.	DEL	DEL									
	(c)	Thermal power stations and other combustion installations	.	.	.	.	.	.	NEW	.	.	.	NEW				.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
	(d)	Coke ovens	.	.	.	.	.	.	.	.	.	.	NEW				.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
	(e)	Coal rolling mills	.	.	.	.	.	.	.	.	.	.	.				.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
	(f)	Installations for the manufacture of coal products and solid smokeless fuel	.	.	.	.	.	.	.	.	.	.	.				.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
2		<b>Production and processing of metals</b>																																					
	(a)	Metal ore (including sulphide ore) roasting or sintering installations	DEL	.	.	DEL	DEL	DEL	.	.	DEL	DEL	.	.	.	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	DEL	.	DEL		
	(b)	Installations for the production of pig iron or steel (primary or secondary melting) including continuous casting	.	.	.	.	.	.	.	.	DEL	DEL	.	.	.	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	DEL	.	DEL	
	(c)	Installations for the processing of ferrous metals	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
	(d)	Ferrous metal foundries	.	.	.	DEL	DEL	.	.	.	DEL	DEL	.	DEL	.	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	DEL		
	(e)	Installations for the production of non-ferrous crude metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic processes and for the smelting, including the alloying, of non-ferrous metals, including recovered products (refining, foundry casting, etc.)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
	(f)	Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
3		<b>Mineral industry</b>																																					
	(a)	Underground mining and related operations	.	.	.	.	DEL	DEL	DEL	.	.	.	.	.	.	.	.	.	.	.	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	(b)	Opencast mining and quarrying	.	.	.	.	DEL	DEL	DEL	.	.	.	.	.	.	.	.	.	.	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	(c)	Installations for the production of cement clinker in rotary kilns, lime in rotary kilns, cement clinker or lime in other furnaces	DEL	.	.	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	DEL	.	.	.	.	.	.	.	.	
	(d)	Installations for the production of asbestos and the manufacture of asbestos-based products	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	(e)	Installations for the manufacture of glass, including glass fibre	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	DEL	
	(f)	Installations for melting mineral substances, including the production of mineral fibres	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	DEL	
	(g)	Installations for the manufacture of ceramic products by firing, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain	DEL	.	.	DEL	DEL	DEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	DEL	.	.	.	.	.	.	.	.	
4		<b>Chemical industry</b>																																					
	(a)	Chemical installations for the production on an industrial scale of basic organic chemicals	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	(b)	Chemical installations for the production on an industrial scale of basic inorganic chemicals	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	(c)	Chemical installations for the production on an industrial scale of phosphorous-, nitrogen- or potassium-based fertilizers (simple or compound fertilizers)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	(d)	Chemical installations for the production on an industrial scale of basic plant health products and of biocides	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	(e)	Installations using a chemical or biological process for the production on an industrial scale of basic pharmaceutical products	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

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		Methane (CH <sub>4</sub> )	Carbon monoxide (CO)	Carbon dioxide (CO <sub>2</sub> )	Hydro-fluorocarbons (HFCs)	Nitrous oxide (N <sub>2</sub> O)	Ammonia (NH <sub>3</sub> )	Non-methane volatile organic compounds (NMVOC)	Nitrogen oxides (NO <sub>x</sub> /NO <sub>2</sub> )	Perfluorocarbons (PFCs)	Sulphur hexafluoride (SF <sub>6</sub> )	Sulphur oxides (SO <sub>x</sub> /SO <sub>2</sub> )	Hydrochlorofluorocarbons (HCFCs)	Chlorofluorocarbons (CFCs)	Halons	Arsenic and compounds (as As)	Cadmium and compounds (as Cd)	Chromium and compounds (as Cr)	Copper and compounds (as Cu)	Mercury and compounds (as Hg)	Nickel and compounds (as Ni)	Lead and compounds (as Pb)	Zinc and compounds (as Zn)	Aldrin	Chlordane	Chlordecone	DDT	1,2-dichloroethane (EDC)	Dichloromethane (DCM)	Dieldrin	Endrin	Heptachlor	Hexachlorobenzene (HCB)	1,2,3,4,5,6-hexachlorocyclohexane (HCH)				
(f)	Installations for the production on an industrial scale of explosives and pyrotechnic products			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
<b>5</b>	<b>Waste and wastewater management</b>																																					
(a)	Installations for the disposal or recovery of hazardous waste	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
(b)	Installations for the incineration of non-hazardous waste in the scope of Directive 2000/76/EC of the European Parliament and of the Council of 4 December 2000 on the incineration of waste (2)	•	•	•	DEL	•	•	•	•	DEL	DEL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	DEL	•	•	•	•	•	•	•		
(c)	Installations for the disposal of non-hazardous waste	•	DEL	•	•	•	•	•	•	DEL	DEL	DEL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
(d)	Landfills (excluding landfills for inert waste and landfills, which have been definitely closed before the 16.7.2001 or for which the after-care phase required by the competent authorities according to Article 13 of Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste (3) has expired)	•	•	•	DEL	•	•	DEL	•	DEL	DEL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	DEL	DEL	DEL	•	•	•			
(e)	Installations for the disposal or recycling of animal carcasses and animal waste	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
(f)	Urban waste-water treatment plants	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
(g)	Independently operated industrial waste-water treatment plants which serve one or more activities of this annex	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
<b>6</b>	<b>Paper and wood production and processing</b>																																					
(a)	Industrial plants for the production of pulp from timber or similar fibrous materials	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(b)	Industrial plants for the production of paper and board and other primary wood products (such as chipboard, fibreboard and plywood)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(c)	Industrial plants for the preservation of wood and wood products with chemicals	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>7</b>	<b>Intensive livestock production and aquaculture</b>																																					
(a)	Installations for the intensive rearing of poultry or pigs	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(b)	Intensive aquaculture	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>8</b>	<b>Animal and vegetable products from the food and beverage sector</b>																																					
(a)	Slaughterhouses	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(b)	Treatment and processing intended for the production of food and beverage products from animal raw materials (other than milk) and vegetable raw materials	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
(c)	Treatment and processing of milk	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>9</b>	<b>Other activities</b>																																					
(a)	Plants for the pretreatment (operations such as washing, bleaching, mercerization) or dyeing of fibres or textiles	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(b)	Plants for the tanning of hides and skins	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
(c)	Installations for the surface treatment of substances, objects or products using organic solvents, in particular for dressing, printing, coating, degreasing, waterproofing, sizing, painting, cleaning or impregnating	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
(d)	Installations for the production of carbon (hard-burnt coal) or electro-graphite by means of incineration or graphitization	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
(e)	Installations for the building of, and painting or removal of paint from ships	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

Pollutant no	45	46	47	48	49	50	52	53	54	55	56	57	58	59	60	61	62	66	68	70	72	80	81	84	85	86	90				
	Pollutant name																														
no	b	activity	Lindane	Mirex	PCDD + PCDF (dioxins + furans) (as Tox)	Pentachlorobenzene	Pentachlorophenol (PCP)	Polychlorinated biphenyls (PCBs)	Tetrachloroethylene (PER)	Tetrachloromethane (TCM)	Trichlorobenzenes (TCBs) (all isomers)	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	Trichloroethylene	Trichloromethane	Toxaphene	Vinyl chloride	Anthracene	Benzene	Ethylene oxide	Naphthalene	Di-(2-ethyl hexyl) phthalate (DEHP)	Polycyclic aromatic hydrocarbons (PAHs)	Chlorine and inorganic compounds (as HCl)	Asbestos	Fluorine and inorganic compounds (as HF)	Hydrogen cyanide (HCN)	Particulate matter (PM <sub>10</sub> )	Hexabromobiphenyl		
<b>1</b>		<b>Energy sector</b>																													
	(a)	Mineral oil and gas refineries			DEL			DEL	DEL						DEL																
	(b)	Installations for gasification and liquefaction			DEL			DEL	DEL						DEL																
	(c)	Thermal power stations and other combustion installations			• DEL									•																	
	(d)	Coke ovens			• DEL																										
	(e)	Coal rolling mills																													
	(f)	Installations for the manufacture of coal products and solid smokeless fuel																													
<b>2</b>		<b>Production and processing of metals</b>																													
	(a)	Metal ore (including sulphide ore) roasting or sintering installations			•	•	•	•	DEL				•	DEL					DEL			DEL	•		DEL	DEL	•				
	(b)	Installations for the production of pig iron or steel (primary or secondary melting) including continuous casting			•	•	DEL	•	DEL				•	DEL					DEL			DEL	DEL	DEL	DEL	DEL	•				
	(c)	Installations for the processing of ferrous metals			•	•	•	•																							
	(d)	Ferrous metal foundries			•	DEL	DEL	DEL	DEL					DEL																	
	(e)	Installations for the production of non-ferrous crude metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic processes and for the smelting, including the alloying, of non-ferrous metals, including recovered products (refining, foundry casting, etc.)			•	•	•	•	•																						
	(f)	Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process			•	•	•	•	•																						
<b>3</b>		<b>Mineral industry</b>																													
	(a)	Underground mining and related operations																			DEL		DEL	•	DEL	•					
	(b)	Opencast mining and quarrying																			DEL		DEL	•	DEL	•					
	(c)	Installations for the production of cement clinker in rotary kilns, lime in rotary kilns, cement clinker or lime in other furnaces			•	DEL		•																							
	(d)	Installations for the production of asbestos and the manufacture of asbestos-based products																													
	(e)	Installations for the manufacture of glass, including glass fibre			•	DEL		•																							
	(f)	Installations for melting mineral substances, including the production of mineral fibres			•	DEL		•																							
	(g)	Installations for the manufacture of ceramic products by firing, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain			DEL	DEL		DEL														DEL									
<b>4</b>		<b>Chemical industry</b>																													
	(a)	Chemical installations for the production on an industrial scale of basic organic chemicals	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	(b)	Chemical installations for the production on an industrial scale of basic inorganic chemicals			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	(c)	Chemical installations for the production on an industrial scale of phosphorous-, nitrogen- or potassium-based fertilizers (simple or compound fertilizers)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	(d)	Chemical installations for the production on an industrial scale of basic plant health products and of biocides	•	•									•	•																	
	(e)	Installations using a chemical or biological process for the production on an industrial scale of basic pharmaceutical products			•	•			•	•			•	•	•																

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	Pentachlorobenzene																											
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	Polychlorinated biphenyls (PCBs)																											
	Tetrachloroethylene (PER)																											
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	1,1,1-trichloroethane																											
	1,1,2,2-tetrachloroethane																											
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	Trichloromethane																											
	Toxaphene																											
	Vinyl chloride																											
	Anthracene																											
	Benzene																											
	Ethylene oxide																											
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(f)	Installations for the production on an industrial scale of explosives and pyrotechnic products																											
<b>5</b>	<b>Waste and wastewater management</b>																											
(a)	Installations for the disposal or recovery of hazardous waste																											
(b)	Installations for the incineration of non-hazardous waste in the scope of Directive 2000/76/EC of the European Parliament and of the Council of 4 December 2000 on the incineration of waste (2)																											
(c)	Installations for the disposal of non-hazardous waste																											
(d)	Landfills (excluding landfills for inert waste and landfills, which have been definitely closed before the 16.7.2001 or for which the after-care phase required by the competent authorities according to Article 13 of Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste (3) has expired)																											
(e)	Installations for the disposal or recycling of animal carcasses and animal waste																											
(f)	Urban waste-water treatment plants																											
(g)	Independently operated industrial waste-water treatment plants which serve one or more activities of this annex																											
<b>6</b>	<b>Paper and wood production and processing</b>																											
(a)	Industrial plants for the production of pulp from timber or similar fibrous materials																											
(b)	Industrial plants for the production of paper and board and other primary wood products (such as chipboard, fibreboard and plywood)																											
(c)	Industrial plants for the preservation of wood and wood products with chemicals																											
<b>7</b>	<b>Intensive livestock production and aquaculture</b>																											
(a)	Installations for the intensive rearing of poultry or pigs																											
(b)	Intensive aquaculture																											
<b>8</b>	<b>Animal and vegetable products from the food and beverage sector</b>																											
(a)	Slaughterhouses																											
(b)	Treatment and processing intended for the production of food and beverage products from animal raw materials (other than milk) and vegetable raw materials																											
(c)	Treatment and processing of milk																											
<b>9</b>	<b>Other activities</b>																											
(a)	Plants for the pretreatment (operations such as washing, bleaching, mercerization) or dyeing of fibres or textiles																											
(b)	Plants for the tanning of hides and skins																											
(c)	Installations for the surface treatment of substances, objects or products using organic solvents, in particular for dressing, printing, coating, degreasing, waterproofing, sizing, painting, cleaning or impregnating																											
(d)	Installations for the production of carbon (hard-burnt coal) or electro-graphite by means of incineration or graphitization																											
(e)	Installations for the building of, and painting or removal of paint from ships																											

Pollutant no	12	13	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50				
	Pollutant name																																							
	Total nitrogen	Total phosphorus	Arsenic and compounds (as As)	Cadmium and compounds (as Cd)	Chromium and compounds (as Cr)	Copper and compounds (as Cu)	Mercury and compounds (as Hg)	Nickel and compounds (as Ni)	Lead and compounds (as Pb)	Zinc and compounds (as Zn)	Alachlor	Aldrin	Atrazine	Chlordane	Chlordecone	Chlorfenvinphos	Chloro-alkanes, C <sub>10</sub> -C <sub>13</sub>	Chlorpyrifos	DDT	1,2-dichloroethane (EDC)	Dichloromethane (DCM)	Dieldrin	Diuron	Endosulphan	Endrin	Halogenated organic compounds (as AOX)	Heptachlor	Hexachlorobenzene (HCB)	Hexachlorobutadiene (HCBD)	1,2,3,4,5,6-hexachlorocyclohexane (HCH)	Lindane	Mirex	PCDD + PCDF (dioxins + furans) (as Teq)	Pentachlorobenzene	Pentachlorophenol (PCP)	Polychlorinated biphenyls (PCBs)				
no	b	activity																																						
1	<b>Energy sector</b>																																							
	(a)	•	•	•	•	•	•	•	•	•																•								•	•					
	(b)	•	•	•	•	•	•	•	•	•																	•									•	•			
	(c)	•	•	•	•	•	•	•	•	•							DEL			DEL							•									•	DEL			
	(d)	•	•	•				•	•																										•	DEL				
	(e)																																							
	(f)	•	•	•	•	•	•	•	•	•							•										•													
2	<b>Production and processing of metals</b>																																							
	(a)	•	•	•	•	•	•	•	•	•																•									DEL	DEL	DEL			
	(b)	•	•	•	•	•	•	•	•	•																•										DEL	DEL	DEL		
	(c)	•	•	•	•	•	•	•	•	•										DEL						•										DEL	DEL	DEL		
	(d)	•	•	•	•	•	•	•	•	•																DEL											DEL	DEL	DEL	
	(e)	•	•	•	•	•	•	•	•	•																•											DEL	DEL	DEL	
	(f)	•	•	•	•	•	•	•	•	•											DEL					•											DEL	DEL	DEL	
3	<b>Mineral industry</b>																																							
	(a)	•	•	•	•	•	•	DEL	•	•							DEL									DEL														
	(b)	•	•	•	•	•	•	DEL	•	•							DEL									DEL														
	(c)	DEL	DEL	•	•	•	DEL	•	•	•	DEL																									•	DEL			
	(d)					•																				•														
	(e)	•	•	•	•	•	•	•	•	•																											•	•		
	(f)	•	•	•	•	•	•	•	•	•																											•	DEL		
	(g)	•	•	•	•	•	•	•	•	•																NEW										DEL	DEL			
4	<b>Chemical industry</b>																																							
	(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	(b)	•	•	•	•	•	•	•	•	•											•	•					•		•	•	•	•	•	•	•	•	•	•	•	

Pollutant no	12	13	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50			
	Pollutant name																																						
	Total nitrogen	Total phosphorus	Arsenic and compounds (as As)	Cadmium and compounds (as Cd)	Chromium and compounds (as Cr)	Copper and compounds (as Cu)	Mercury and compounds (as Hg)	Nickel and compounds (as Ni)	Lead and compounds (as Pb)	Zinc and compounds (as Zn)	Alachlor	Aldrin	Atrazine	Chlordane	Chlordecone	Chlorfenvinphos	Chloro-alkanes, C <sub>10</sub> -C <sub>13</sub>	Chlorpyrifos	DDT	1,2-dichloroethane (EDC)	Dichloromethane (DCM)	Dieldrin	Diuron	Endosulphan	Endrin	Halogenated organic compounds (as AOX)	Heptachlor	Hexachlorobenzene (HCB)	Hexachlorobutadiene (HCBD)	1,2,3,4,5,6-hexachlorocyclohexane (HCH)	Lindane	Mirex	PCDD + PCDF (dioxins + furans) (as Teq)	Pentachlorobenzene	Pentachlorophenol (PCP)	Polychlorinated biphenyls (PCBs)			
(c)	•	•	•	•	•	•	•	•	•	•							•			•	•					•													
(d)	•	•	•	•	•	•	•	•	•	•								•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(e)	•	•	•	•	•	•	•	•	•	•										•	•					•													
(f)	•	•	•	•	•	•	•	•	•	•										•	•																		
<b>5</b>	<b>Waste and wastewater management</b>																																						
(a)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(b)	•	•	•	•	•	•	•	•	•	•										•	•					•									•	•			
(c)	•	•	•	•	•	•	•	•	•	•										•	•					•													
(d)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
(e)	•	•				•				•																													
(f)	•	•	•	•	•	•	•	•	•	•			•							•	•					•		•	•	•	•	•	•	•	•	•	•	•	
(g)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<b>6</b>	<b>Paper and wood production and processing</b>																																						
(a)	•	•	•	•	•	•	•	•	•	•																•													
(b)	•	•	•	•	•	•	•	•	•	•																•													
(c)	•	•	•	•	•	•	•	•	•	•							•			•	•					•		•	•	•	•	•	•	•	•	•	•	•	
<b>7</b>	<b>Intensive livestock production and aquaculture</b>																																						
(a)	•	•				•				•																													
(b)	•	•				•				•																													
<b>8</b>	<b>Animal and vegetable products from the food and beverage sector</b>																																						
(a)	•	•	•	•	•	•	•	•	•	•																													
(b)	•	•	•	•	•	•	•	•	•	•																													
(c)	•	•	•	•	•	•	•	•	•	•																													

Pollutant no		12	13	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50			
Pollutant name		Total nitrogen	Total phosphorus	Arsenic and compounds (as As)	Cadmium and compounds (as Cd)	Chromium and compounds (as Cr)	Copper and compounds (as Cu)	Mercury and compounds (as Hg)	Nickel and compounds (as Ni)	Lead and compounds (as Pb)	Zinc and compounds (as Zn)	Alachlor	Aldrin	Atrazine	Chlordane	Chlordecone	Chlorfenvinphos	Chloro-alkanes, C <sub>10</sub> -C <sub>13</sub>	Chlorpyrifos	DDT	1,2-dichloroethane (EDC)	Dichloromethane (DCM)	Dieldrin	Diuron	Endosulphan	Endrin	Halogenated organic compounds (as AOX)	Heptachlor	Hexachlorobenzene (HCB)	Hexachlorobutadiene (HCBD)	1,2,3,4,5,6-hexachlorocyclohexane (HCH)	Lindane	Mirex	PCDD + PCDF (dioxins + furans) (as Teq)	Pentachlorobenzene	Pentachlorophenol (PCP)	Polychlorinated biphenyls (PCBs)			
9	<b>Other activities</b>																																							
	(a) Plants for the pretreatment (operations such as wasNEWg, bleacNEWg, mercerization) or dyeing of fibres or textiles	.	.		.	.	.	.	.	.	.																.													
	(b) Plants for the tanning of hides and skins	.	.	.		.	.																				.													
	(c) Installations for the surface treatment of substances, objects or products using organic solvents, in particular for dressing, printing, coating, degreasing, waterproofing, sizing, painting, cleaning or impregnating	.	.	.	.	.	.		.	.	.						.										.								.					
	(d) Installations for the production of carbon (hard-burnt coal) or electro-graphite by means of incineration or graphitization								.																															
	(e) Installations for the building of, and painting or removal of paint from ships	.	.	.	.	.	.	.	.	.	.							.			.	.					.									.				.

  New activity compared to EPER activities  
  New substance new compared to EPER  
NEW Additional to proposal in the first draft Guidance Document  
DEL Deleted after comments

Pollutant no		51	52	53	54	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	81	82	83	87	88	89	90				
Pollutant name		Simazine	Tetrachloroethylene (PER)	Tetrachloromethane (TCM)	Trichlorobenzenes (TCBs) (all isomers)	Trichloroethylene	Trichloromethane	Toxaphene	Vinyl chloride	Anthracene	Benzene	Brominated diphenylethers (PBDE)	Nonylphenol and Nonylphenol ethoxylates (NP/NPEs)	Ethyl benzene	Ethylene oxide	Isoproturon	Naphthalene	Organotin compounds (as total Sn)	Di-(2-ethyl hexyl) phthalate (DEHP)	Phenols (as total C)	Polycyclic aromatic hydrocarbons (PAHs)	Toluene	Tributyltin and compounds	Triphenyltin and compounds	Total organic carbon (TOC) (as total C or COD/3)	Trifluralin	Xylenes	Chlorides (as total C)	Asbestos	Cyanides (as total CN)	Fluorides (as total F)	Octylphenols and Octylphenol Ethoxylates	Fluoranthene	Isodrin	Hexabromobiphenyl				
no	b activity																																						
<b>1</b>	<b>Energy sector</b>																																						
	(a) Mineral oil and gas refineries																																						
	(b) Installations for gasification and liquefaction																																						
	(c) Thermal power stations and other combustion installations																																						
	(d) Coke ovens																																						
	(e) Coal rolling mills																																						
	(f) Installations for the manufacture of coal products and solid smokeless fuel																																						
<b>2</b>	<b>Production and processing of metals</b>																																						
	(a) Metal ore (including sulphide ore) roasting or sintering installations																																						
	(b) Installations for the production of pig iron or steel (primary or secondary melting) including continuous casting																																						
	(c) Installations for the processing of ferrous metals																																						
	(d) Ferrous metal foundries																																						
	(e) Installations for the production of non-ferrous crude metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic processes and for the smelting, including the alloying, of non-ferrous metals, including recovered products (refining, foundry casting, etc.)																																						
	(f) Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process																																						
<b>3</b>	<b>Mineral industry</b>																																						
	(a) Underground mining and related operations																																						
	(b) Opencast mining and quarrying																																						
	(c) Installations for the production of cement clinker in rotary kilns, lime in rotary kilns, cement clinker or lime in other furnaces																																						
	(d) Installations for the production of asbestos and the manufacture of asbestos-based products																																						
	(e) Installations for the manufacture of glass, including glass fibre																																						
	(f) Installations for melting mineral substances, including the production of mineral fibres																																						
	(g) Installations for the manufacture of ceramic products by firing, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain																																						
<b>4</b>	<b>Chemical industry</b>																																						
	(a) Chemical installations for the production on an industrial scale of basic organic chemicals																																						
	(b) Chemical installations for the production on an industrial scale of basic inorganic chemicals																																						

Pollutant no		51	52	53	54	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	81	82	83	87	88	89	90			
	Pollutant name	Simazine	Tetrachloroethylene (PER)	Tetrachloromethane (TCM)	Trichlorobenzenes (TCBs) (all isomers)	Trichloroethylene	Trichloromethane	Toxaphene	Vinyl chloride	Anthracene	Benzene	Brominated diphenylethers (PBDE)	Nonylphenol and Nonylphenol ethoxylates (NP/NPEs)	Ethyl benzene	Ethylene oxide	Isoproturon	Naphthalene	Organotin compounds (as total Sn)	Di-(2-ethyl hexyl) phthalate (DEHP)	Phenols (as total C)	Polycyclic aromatic hydrocarbons (PAHs)	Toluene	Tributyltin and compounds	Triphenyltin and compounds	Total organic carbon (TOC) (as total C or COD/3)	Trifluralin	Xylenes	Chlorides (as total Cl)	Asbestos	Cyanides (as total CN)	Fluorides (as total F)	Octylphenols and Octylphenol Ethoxylates	Fluoranthene	Isodrin	Hexabromobiphenyl			
	(c) Chemical installations for the production on an industrial scale of phosphorous-, nitrogen- or potassium-based fertilizers (simple or compound fertilizers)			•	•	•	•				•	•	•						•	•	•				•		•	•										
	(d) Chemical installations for the production on an industrial scale of basic plant health products and of biocides	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	(e) Installations using a chemical or biological process for the production on an industrial scale of basic pharmaceutical products		•	•	•	•	•				•			•					•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	
	(f) Installations for the production on an industrial scale of explosives and pyrotechnic products			•	•	•			•		•			•					•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	
<b>5</b>	<b>Waste and wastewater management</b>																																					
	(a) Installations for the disposal or recovery of hazardous waste	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	(b) Installations for the incineration of non-hazardous waste in the scope of Directive 2000/76/EC of the European Parliament and of the Council of 4 December 2000 on the incineration of waste (2)		•		•						•		•	•				•	•	•	•	•			•		•	•	•	•	•	•	•	•	•	•	•	•
	(c) Installations for the disposal of non-hazardous waste			•	•	•	•											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	(d) Landfills (excluding landfills of inert waste and landfills, which have been definitely closed before the 16.7.2001 or for which the after-care phase required by the competent authorities according to Article 13 of Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste (3) has expired)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	(e) Installations for the disposal or recycling of animal carcasses and animal waste																								•													•
	(f) Urban waste-water treatment plants	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	(g) Independently operated industrial waste-water treatment plants which serve one or more activities of this annex	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>6</b>	<b>Paper and wood production and processing</b>																																					
	(a) Industrial plants for the production of pulp from timber or similar fibrous materials		NEW		•	•														NEW					NEW												•	•
	(b) Industrial plants for the production of paper and board and other primary wood products (such as chipboard, fibreboard and plywood)		NEW		•	•													•		NEW				NEW												•	•
	(c) Industrial plants for the preservation of wood and wood products with chemicals		•	•	•	•	•				•	•	•					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>7</b>	<b>Intensive livestock production and aquaculture</b>																																					
	(a) Installations for the intensive rearing of poultry or pigs																								•													DEL
	(b) Intensive aquaculture																								•													
<b>8</b>	<b>Animal and vegetable products from the food and beverage sector</b>																																					
	(a) Slaughterhouses																								•		•										•	•
	(b) Treatment and processing intended for the production of food and beverage products from animal raw materials (other than milk) and vegetable raw materials																								•		•										•	•
	(c) Treatment and processing of milk																								•		•										•	•

Pollutant no		51	52	53	54	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	81	82	83	87	88	89	90		
	Pollutant name	Simazine	Tetrachloroethylene (PER)	Tetrachloromethane (TCM)	Trichlorobenzenes (TCBs) (all isomers)	Trichloroethylene	Trichloromethane	Toxaphene	Vinyl chloride	Anthracene	Benzene	Brominated diphenylethers (PBDE)	Nonylphenol and Nonylphenol ethoxylates (NP/NPEs)	Ethyl benzene	Ethylene oxide	Isoproturon	Naphthalene	Organotin compounds (as total Sn)	Di-(2-ethyl hexyl) phthalate (DEHP)	Phenols (as total C)	Polycyclic aromatic hydrocarbons (PAHs)	Toluene	Tributyltin and compounds	Triphenyltin and compounds	Total organic carbon (TOC) (as total C or COD/3)	Trifluralin	Xylenes	Chlorides (as total Cl)	Asbestos	Cyanides (as total CN)	Fluorides (as total F)	Octylphenols and Octylphenol Ethoxylates	Fluoranthene	Isodrin	Hexabromobiphenyl		
9	<b>Other activities</b>																																				
	(a) Plants for the pretreatment (operations such as wasNEWg, bleacNEWg, mercerization) or dyeing of fibres or textiles																																				
	(b) Plants for the tanning of hides and skins																																				
	(c) Installations for the surface treatment of substances, objects or products using organic solvents, in particular for dressing, printing, coating, degreasing, waterproofing, sizing, painting, cleaning or impregnating																																				
	(d) Installations for the production of carbon (hard-burnt coal) or electro-graphite by means of incineration or graphitization																																				
	(e) Installations for the building of, and painting or removal of paint from ships																																				

  New activity compared to EPER activities  
  New substance new compared to EPER  
NEW Additional to proposal in the first draft Guidance Document  
DEL Deleted after comments

Pollutant no		91
		Pollutant name
		Benzo(g,h,i)perylene
no	b	activity
1		<b>Energy sector</b>
	(a)	Mineral oil and gas refineries
	(b)	Installations for gasification and liquefaction
	(c)	Thermal power stations and other combustion installations
	(d)	Coke ovens
	(e)	Coal rolling mills
	(f)	Installations for the manufacture of coal products and solid smokeless fuel
2		<b>Production and processing of metals</b>
	(a)	Metal ore (including sulphide ore) roasting or sintering installations
	(b)	Installations for the production of pig iron or steel (primary or secondary melting) including continuous casting
	(c)	Installations for the processing of ferrous metals
	(d)	Ferrous metal foundries
	(e)	Installations for the production of non-ferrous crude metals from ore, concentrates or secondary raw materials by metallurgical, chemical or electrolytic processes and for the smelting, including the alloying, of non-ferrous metals, including recovered products (refining, foundry casting, etc.)
	(f)	Installations for surface treatment of metals and plastic materials using an electrolytic or chemical process
3		<b>Mineral industry</b>
	(a)	Underground mining and related operations
	(b)	Opencast mining and quarrying
	(c)	Installations for the production of cement clinker in rotary kilns, lime in rotary kilns, cement clinker or lime in other furnaces
	(d)	Installations for the production of asbestos and the manufacture of asbestos-based products
	(e)	Installations for the manufacture of glass, including glass fibre
	(f)	Installations for melting mineral substances, including the production of mineral fibres
	(g)	Installations for the manufacture of ceramic products by firing, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain
4		<b>Chemical industry</b>
	(a)	Chemical installations for the production on an industrial scale of basic organic chemicals
	(b)	Chemical installations for the production on an industrial scale of basic inorganic chemicals

Pollutant no		91
	Pollutant name	Benzo(g,h,i)perylene
	(c) Chemical installations for the production on an industrial scale of phosphorous-, nitrogen- or potassium-based fertilizers (simple or compound fertilizers)	•
	(d) Chemical installations for the production on an industrial scale of basic plant health products and of biocides	•
	(e) Installations using a chemical or biological process for the production on an industrial scale of basic pharmaceutical products	•
	(f) Installations for the production on an industrial scale of explosives and pyrotechnic products	•
<b>5</b>	<b>Waste and wastewater management</b>	
	(a) Installations for the disposal or recovery of hazardous waste	•
	(b) Installations for the incineration of non-hazardous waste in the scope of Directive 2000/76/EC of the European Parliament and of the Council of 4 December 2000 on the incineration of waste (2)	
	(c) Installations for the disposal of non-hazardous waste	
	(d) Landfills (excluding landfills of inert waste and landfills, which have been definitely closed before the 16.7.2001 or for which the after-care phase required by the competent authorities according to Article 13 of Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste (3) has expired)	•
	(e) Installations for the disposal or recycling of animal carcasses and animal waste	
	(f) Urban waste-water treatment plants	
	(g) Independently operated industrial waste-water treatment plants which serve one or more activities of this annex	•
<b>6</b>	<b>Paper and wood production and processing</b>	
	(a) Industrial plants for the production of pulp from timber or similar fibrous materials	
	(b) Industrial plants for the production of paper and board and other primary wood products (such as chipboard, fibreboard and plywood)	
	(c) Industrial plants for the preservation of wood and wood products with chemicals	
<b>7</b>	<b>Intensive livestock production and aquaculture</b>	
	(a) Installations for the intensive rearing of poultry or pigs	
	(b) Intensive aquaculture	
<b>8</b>	<b>Animal and vegetable products from the food and beverage sector</b>	
	(a) Slaughterhouses	
	(b) Treatment and processing intended for the production of food and beverage products from animal raw materials (other than milk) and vegetable raw materials	
	(c) Treatment and processing of milk	

Pollutant no		91
	Pollutant name	Benzo(g,h,i)perylene
<b>9</b>	<b>Other activities</b>	
	(a) Plants for the pretreatment (operations such as wasNEWg, bleacNEWg, mercerization) or dyeing of fibres or textiles	
	(b) Plants for the tanning of hides and skins	
	(c) Installations for the surface treatment of substances, objects or products using organic solvents, in particular for dressing, printing, coating, degreasing, waterproofing, sizing, painting, cleaning or impregnating	•
	(d) Installations for the production of carbon (hard-burnt coal) or electro-graphite by means of incineration or graphitization	•
	(e) Installations for the building of, and painting or removal of paint from ships	•

- New activity compared to EPER activities
- New substance new compared to EPER
- NEW Additional to proposal in the first draft Guidance Document
- DEL Deleted after comments