

## II

(Acts whose publication is not obligatory)

## COMMISSION

## COMMISSION DECISION

of 17 July 2000

**on the implementation of a European pollutant emission register (EPER) according to Article 15 of Council Directive 96/61/EC concerning integrated pollution prevention and control (IPPC)**

(notified under document number C(2000) 2004)

(Text with EEA relevance)

(2000/479/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Directive 96/61/EC of 24 September 1996 concerning integrated pollution prevention and control <sup>(1)</sup>, and in particular Article 15(3) thereof,

Whereas:

- (1) Article 15(3) of Directive 96/61/EC requires Member States to inventory and supply data on principal emissions and responsible sources.
- (2) The Commission will publish the results of the inventory every three years and shall establish the formats and particulars for the transmission of information provided by the Member States in accordance with the procedure of Article 19 of Directive 96/61/EC.
- (3) The measures provided for in this Decision are in accordance with the opinion of the Committee referred to in Article 19 of Directive 96/61/EC,

HAS ADOPTED THIS DECISION:

*Article 1*

1. Member States shall report to the Commission on emissions from all individual facilities with one or more activities as mentioned in Annex I to Directive 96/61/EC.
2. The report must include the emissions to air and water for all pollutants for which the threshold values are exceeded;

both pollutants and threshold values are specified in Annex A1.

3. The emission data shall be reported for each facility according to the format of Annex A2, noting a description of all activities as mentioned in Annex I to Directive 96/61/EC with corresponding source categories and NOSE-P codes as specified in Annex A3.

4. Member States shall provide the Commission with an overview report, which includes the national totals of all reported emissions for each of the source categories with the main Annex I activity and the corresponding NOSE-P code as specified in Annex A3.

*Article 2*

1. Member States shall report to the Commission every three years.

2. The first report by Member States shall be sent to the Commission in June 2003 providing data on emissions in 2001 (or optionally 2000 or 2002, when data for 2001 are not available).

3. The second report by Member States shall be sent to the Commission in June 2006 providing data on emissions in 2004.

4. From the year T=2008 onwards and dependent on the results of the second reporting cycle, Member States are encouraged to send annually the next reports to the Commission in December of the year T providing data on emissions in the year T-1.

<sup>(1)</sup> OJ L 257, 10.10.1996, p. 26.

*Article 3*

1. The Commission will facilitate preparatory national workshops organised by the Member States and prepare a guidance document for EPER implementation by December 2000 with the involvement of industrial representatives and in consultation with the Committee referred to in Article 19 of Directive 96/61/EC.
2. The guidance document for EPER implementation will address details on reporting formats and particulars, including interpretation of definitions, data quality and data management, reference to emission estimation methods and sector-specific sublists of pollutants for the source categories as specified in annex A3.
3. After each reporting cycle the Commission will publish the results of the reporting by Member States and review the reporting process within six months the delivery dates for Member States as mentioned in Article 2.

*Article 4*

1. Member States shall provide all reported data by electronic data transfer.
2. The Commission assisted by the European Environment Agency will make the reported data publicly accessible by dissemination on the Internet.
3. Specific definitions used in relation to the emission reporting are given in Annex A4.

*Article 5*

This Decision is addressed to the Member States.

Done at Brussels, 17 July 2000.

*For the Commission*  
Margot WALLSTRÖM  
*Member of the Commission*

## ANNEX A1

## List of pollutants to be reported if threshold value is exceeded

Pollutants/substances	Identification	Air	Water	Thresholds air in kg/year	Thresholds water in kg/year
<b>1. Environment issues</b>	(13)	(11)	(2)		
CH <sub>4</sub>		x		100 000	
CO		x		500 000	
CO <sub>2</sub>		x		100 000 000	
HFCs		x		100	
N <sub>2</sub> O		x		10 000	
NH <sub>3</sub>		x		10 000	
NM VOC		x		100 000	
NO <sub>x</sub>	as NO <sub>2</sub>	x		100 000	
PFCs		x		100	
SF <sub>6</sub>		x		50	
SO <sub>x</sub>	as SO <sub>2</sub>	x		150 000	
Total — nitrogen	as N		x		50 000
Total — phosphorus	as P		x		5 000
<b>2. Metals and compounds</b>	(8)	(8)	(8)		
As and compounds	total, as As	x	x	20	5
Cd and compounds	total, as Cd	x	x	10	5
Cr and compounds	total, as Cr	x	x	100	50
Cu and compounds	total, as Cu	x	x	100	50
Hg and compounds	total, as Hg	x	x	10	1
Ni and compounds	total, as Ni	x	x	50	20
Pb and compounds	total, as Pb	x	x	200	20
Zn and compounds	total, as Zn	x	x	200	100
<b>3. Chlorinated organic substances</b>	(15)	(12)	(7)		
Dichlorotethane-1,2 (DCE)		x	x	1 000	10
Dichloromethane (DCM)		x	x	1 000	10
Chloro-alkanes (C10-13)			x		1
Hexachlorobenzene (HCB)		x	x	10	1
Hexachlorobutadiene (HCBD)			x		1

Pollutants/substances	Identification	Air	Water	Thresholds air in kg/year	Thresholds water in kg/year
Hexachlorocyclohexane (HCH)		x	x	10	1
Halogenated organic compounds	as AOX		x		1 000
PCDD + PCDF (dioxins + furans)	as Teq	x		0,001	
Pentachlorophenol (PCP)		x		10	
Tetrachloroethylene (PER)		x		2 000	
Tetrachloromethane (TCM)		x		100	
Trichlorobenzenes (TCB)		x		10	
Trichloroethane-1,1,1 (TCE)		x		100	
Trichloroethylene (TRI)		x		2 000	
Trichloromethane		x		500	
<b>4. Other organic compounds</b>	(7)	(2)	(6)		
Benzene		x		1 000	
Benzene, toluene, ethylbenzene, xylenes	as BTEX		x		200
Brominated diphenylether			x		1
Organotin — compounds	as total Sn		x		50
Polycyclic aromatic hydrocarbons		x	x	50	5
Phenols	as total C		x		20
Total organic carbon (TOC)	as total C or COD/3		x		50 000
<b>5. Other compounds</b>	(7)	(4)	(3)		
Chlorides	as total Cl		x		2 000 000
Chlorine and inorganic compounds	as HCl	x		10 000	
Cyanides	as total CN		x		50
Fluorides	as total F		x		2 000
Fluorine and inorganic compounds	as HF	x		5 000	
HCN		x		200	
PM10		x		50 000	
<b>Number of pollutants</b>	50	37	26		

## ANNEX A2

## Format for reporting of emission data by Member States

<b>Identification of the facility</b>			
Name of parent company Name of the facility Address/city of the facility Postcode/country Coordinates of the location NACE-code (4 digits) Main economic activity Production volume (optional) Regulatory bodies (optional) Number of installations (optional) Number of operating hours in year (optional) Number of employees (optional)			
<b>All Annex I activities/processes (according to Annex A3)</b>		<b>Activity codes (NOSE-P, <math>\geq</math> 5 digits, according to Annex A3)</b>	
Activity 1 (main Annex I activity) Activity 1 (main Annex I activity) Activity N		Code 1 (main NOSE-P code) Code 1 (main NOSE-P code) Code N	
<b>Emission data to air for the facility for each pollutant exceeding threshold value (according to Annex A1)</b>		<b>Releases to air</b>	
Pollutant 1 Pollutant 1 Pollutant N	M: measured C: calculated E: estimated	in kg/year	
<b>Emission data to water (direct or indirect) for the facility for each pollutant exceeding threshold value (according to Annex A1)</b>		<b>Direct release to surface water</b>	<b>Indirect release by transfer (via sewer) to an off-site waste-water treatment plant</b>
Pollutant 1 Pollutant 1 Pollutant N	M: measured C: calculated E: estimated	in kg/year	in kg/year
<b>Date of submission to the Commission</b>			
<b>Contact person in Member State</b> Telephone No Fax No E-mail address			

## ANNEX A3

## Source categories and NOSE-P codes to be reported

IPPC	Annex I activities (source categories)	NOSE-P	NOSE-P processes (allocation in NOSE-P groups)	SNAP 2
1.	<b>Energy industries</b>			
1.1.	Combustion installations > 50 MW	101.01	Combustion processes > 300 MW (Whole group)	01-0301
		101.02	Combustion processes > 50 and < 300 MW (Whole group)	01-0301
		101.04	Combustion in gas turbines (Whole group)	01-0301
		101.05	Combustion in stationary engines (Whole group)	01-0301
1.2.	Mineral oil and gas refineries	105.08	Petroleum product processing (Manufacture of fuels)	0401
1.3.	Coke ovens	104.08	Coke oven furnaces (manufacture of coke, petroleum products and nuclear fuel)	0104
1.4.	Coal gasification and liquefaction plants	104.08	Other solid fuel transformation (Manufacture of coke, petroleum products and nuclear fuel)	0104
2.	<b>Production and processing of metals</b>			
2.1./2.2./2.3./2.4./2.5./2.6.	Metal industry and metal ore roasting or sintering installations; installations for the production of ferrous and non-ferrous metals	104.12	Primary and secondary metal production or sinter plants (Metal industry involving fuel combustion)	0303
		105.12	Characteristic processes in the manufacture of metals and metal product (Metal industry)	0403
		105.01	Surface treatment of metals and plastics (General purpose manufacturing processes)	
3.	<b>Mineral industry</b>			
3.1./3.3./3.4./3.5.	Installations for the production of cement klinker (> 500 t/day), lime (> 50 t/day), glass (> 20 t/day), mineral substances (> 20 t/day) of ceramic products (> 75 t/day)	104.11	Manufacture of plaster, asphalt, concrete, cement, glass, fibres, bricks, tiles or ceramic products (Mineral product industry involving fuel combustion)	0303
3.2.	Installations for the production of asbestos or asbestos-based products	105.11	Manufacture of asbestos and asbestos-based products (Mineral products industry)	0406
4.	<b>Chemical industry and chemical installations for the production of:</b>			
4.1.	Basic organic chemicals	105.09	Manufacture of organic chemicals (Chemical industry)	0405
		107.03	Manufacture of solvent based organic products (Solvent use)	0603
4.2./4.3.	Basic inorganic chemicals or fertilisers	105.09	Manufacture of inorganic chemicals or NPK fertilisers (Chemical industry)	0404

IPPC	Annex I activities (source categories)	NOSE-P	NOSE-P processes (allocation in NOSE-P groups)	SNAP 2
4.4./4.6.	Biocides and explosives	105.09	Manufacture of pesticides or explosives (Chemical industry)	0405
4.5.	Pharmaceutical products	107.03	Manufacture of pharmaceutical products (Solvent use)	0603
5.	<b>Waste management</b>			
5.1./5.2.	Installations for the disposal or recovery of hazardous waste (> 10 t/day) or municipal waste (> 3 t/hour)	109.03	Incineration of hazardous or municipal waste (Waste incineration and pyrolysis)	0902
		109.06	Landfills (Solid waste disposal on land)	0904
		109.07	Physicochemical and biological treatment of waste (Other waste management)	0910
		105.14	Regeneration/recovery of waste materials (Recycling industry)	0910
5.3./5.4.	Installations for the disposal of non-hazardous waste (> 50 t/day) and landfills (> 10 t/day)	109.06	Landfills (Solid waste disposal on land)	0904
		109.07	Physicochemical and biological treatment of waste (Other waste management)	0910
6.	<b>Other Annex I activities</b>			
6.1.	Industrial plants for pulp from timber or other fibrous materials and paper or board production (> 20 t/day)	105.07	Manufacture of pulp, paper and paper products (Whole group)	0406
6.2.	Plants for the pre-treatment of fibres or textiles (> 10 t/day)	105.04	Manufacture of textiles and textile products (Whole group)	0406
6.3.	Plants for tanning of hides and skins (> 12 t/day)	105.05	Manufacture of leather and leather products (Whole group)	0406
6.4.	Slaughterhouses (> 50 t/day), plants for the production of milk (> 200 t/day), other animal raw materials (> 75 t/day) or vegetable raw materials (> 300 t/day)	105.03	Manufacture of food products and beverages (Whole group)	0406
6.5.	Installations for the disposal or recycling of animal carcasses and animal waste (> 10 t/day)	109.03	Incineration of animal carcasses and animal waste (Waste incineration and pyrolysis)	0904
		109.06	Landfills (Solid waste disposal on land)	0904
		105.14	Recycling of animal carcasses/waste (Recycling industry)	0910
6.6.	Installations for poultry (> 40 000), pigs (> 2 000) or sows (> 750)	110.04	Enteric fermentation (Whole group)	1004
		110.05	Manure management (Whole group)	1005
6.7.	Installations for surface treatment or products using organic solvents (> 200 t/year)	107.01	Paint application (Solvent use)	0601
		107.02	Degreasing, dry cleaning and electronics (Solvent use)	0602
		107.03	Textile finishing or leather tanning (Solvent use)	0603
		107.04	Printing industry (Solvent use)	0604
6.8.	Installations for the production of carbon or graphite	105.09	Manufacture of carbon or graphite (Chemical industry)	0404

## ANNEX A4

**Definitions used in relation to EPER**

Item	Meaning
IPPC Directive	Council Directive 96/61/EC on integrated pollution prevention and control
Installation	Stationary technical unit, where one or more activities listed in Annex I to the IPPC Directive are carried out, and any other directly associated activities, which have a technical connection with the activities carried out on that site and which could have an effect on emissions and pollution
Annex I activity	Activity listed in Annex I to the IPPC Directive 96/61/EC as aggregated and specified in Annex A 3
EPER	European pollutant emission register
Pollutant	Individual substance or group of substances as listed in Annex A 1
Substance	Any chemical element and its compounds, with the exception of radioactive substances
Emission	Direct release of a pollutant to air or water as well as the indirect release by transfer to an off-site waste water treatment plant
Facility	Industrial complex with one or more installations on the same site, where one operator carries out one or more Annex I activities
Site	Geographical location of the facility
Reporting cycle	Cycle of the total reporting process, consisting of the collection, validation, submission, management and dissemination of the reported data
NACE code	Standard nomenclature for economic activities
NOSE-P code	Standard nomenclature for sources of emissions
SNAP code	Nomenclature used in other emission inventories