Requirements which specify the contents of a permit and standard formats for permits[1]

Regulation no 77 of the Minister of Environment from Dec.23, 2002

This regulation has been established pursuant to subsection 7 of section 17 (RT I 2001, 85, 512; 2002, 61, 375) of the Integrated Pollution Prevention and Control Act.

§ 1. Scope of application of the regulation

The regulation shall establish the requirements, which specify the contents of an integrated environmental permit (hereinafter *integrated permit*) and standard formats for permits.

§ 2. Concepts and abbreviations

Concepts and abbreviations used in the regulation and its annexes have been provided by section 2 of the regulation no 68 of the Minister of Environment "Standard formats of annexes to a permit application and the procedure for completion" (RTL 2002, 140, 2035) from November 29, 2002.

§ 3. Composition of an integrated permit

(1) An integrated permit consists of:

1) a title page pursuant to the standard format in annex 1;

2) location map of the installation (hereinafter *the map*) using a suitable scale, but not less than 1:20000 as provided in clause 1 of section 4 of the regulation no 68 of the Minister of Environment "Standard formats of annexes to a permit application and the procedure for completion" from November 29, 2002;

3) geographical location plan (hereinafter *the plan*) of the installation specifying its grid reference using a suitable scale, but not less than 1:5000 as provided in clause 3 of section 4 of the regulation no 68 of the Minister of Environment "Standard formats of annexes to a permit application and the procedure for completion" from November 29, 2002;

4) requirements provided by sections 4-18 and standard formats of tables pursuant to annexes 2-16 that shall be logically listed taking into account the type of activity in an installation and, if necessary, shall be supplied with an explanatory text.

§ 4. Best available technique

(1) The compliance of equipment and technology currently in use with the best available technique is determined pursuant to the standard format in annex 2.

(2) If the best available technique is not yet applied, a compliance schedule shall be added specifying the measures, by stages, to apply BAT.

§ 5. Raw materials, auxiliary materials, semi-finished products and chemicals

(1) Requirements for raw materials, auxiliary materials, semi-finished products not containing dangerous substances used in the activity or technological process shall be determined pursuant to table 1 in annex 3.

(2) Requirements for raw materials, auxiliary materials, semi-finished products containing dangerous substances used in the activity or technological process shall be determined pursuant to table 2 in annex 3.

(3) Requirements for the storage of products containing dangerous substances shall be determined pursuant to table 3 in annex 3.

(4) Measures for the efficient use or recovery of raw materials, auxiliary materials, semi-finished products or chemicals shall be determined pursuant to table 4 in annex 3.

§ 6. Water

(1) Requirements for permitted water intake by sources of water shall be determined pursuant to table 1 in annex 4.

(2) Requirements for water intake monitoring shall be determined pursuant to table 2 in annex 4.

(3) Requirements for the use of water shall be given pursuant to table 3 in annex 4.

(4) Measures for the more efficient use, recovery and protection of water shall be determined pursuant to table 4 in annex 4.

§ 7. Energy and fuel

(1) Requirements for the use of fuel and energy production by category shall be determined pursuant to table 1 in annex 5.

(2) Requirements for the use of energy by activities shall be determined pursuant to table 2 in annex 5.

(3) Measures for the efficient use or recovery of energy and fuel shall be determined pursuant to table 3 in annex 5.

§ 8. Ambient air pollution

(1) Requirements for activities, technological processes, technological equipment and cleaning installations shall be determined pursuant to table 1 in annex 6.

(2) Requirements for permitted emission amounts of pollutants released into ambient air from sources of pollution shall be determined pursuant to table 2 in annex 6.

(3) Data on sudden emissions shall be recorded pursuant to table 3 in annex 6.

(4) Pollutant immission calculation results by every stationary source of pollution shall be recorded pursuant to table 4 in annex 6.

(5) Data on the total effect of sources of pollution in one production territory shall be recorded pursuant to table 5 in annex 6.

(6) Measures to limit ambient air pollution shall be determined pursuant to table 6 in annex 6.

§ 9. Noise and vibration in ambient air

(1) Requirements for vibration and noise transmitted in ambient air shall be determined pursuant to table 1 in annex 7.

(2) Measures to prevent or reduce vibration and noise transmitted in ambient air shall be determined pursuant to table 2 in annex 7.

§ 10. Installation's waste water

(1) Requirements for sources of water pollution and wastewater treatment shall be determined pursuant to table 1 in annex 8.

(2) Requirements for waste water discharged into public sewerage system shall be determined pursuant to table 2 in annex 8.

(3) Requirements for waste water recipient water body or outlet and permitted flow amounts shall be determined pursuant to table 3 in annex 8.

(4) Data on sudden discharge shall be recorded pursuant to table 4 in annex 8.

(5) Measures to reduce water pollution or wastewater flow shall be determined pursuant to table 5 in annex 8.

§ 11. Waste management in the installation

(1) Data on types and volumes of incoming and outgoing waste shall be recorded pursuant to table 1 in annex 9.

(2) Requirements for maximum annual amounts for permitted waste disposal shall be determined pursuant to table 2 in annex 9.

(3) Measures for waste management shall be determined pursuant to table 3 in annex 9.

§ 12. Emission and environmental state monitoring

(1) Requirements for ambient air quality monitoring shall be determined pursuant to table 1 in annex 10.

(2) Requirements for pollution source outlet monitoring shall be determined pursuant to table 2 in annex 10.

(3) Requirements for water body monitoring in the zone of influence of the outlet shall be determined pursuant to table 3 in annex 10.

(4) Requirements for waste generation monitoring shall be determined pursuant to table 4 in annex 10.

(5) Requirements for emission's environmental impact monitoring shall be determined pursuant to table 5 in annex 10.

(6) Measures for more efficient emission monitoring shall be determined pursuant to table 6 in annex 10. If necessary, the scope of a control by an accredited or certified laboratory shall be determined, including frequency of control, controlled substances and measuring points.

§ 13. Zone of influence of installation's activity

(1) The following data shall be submitted concerning the zone of influence of installation's activity:

1) zone of influence of waste water, waste generation and management, noise and vibration transmitted in ambient air and pollutants released into ambient air;

2) name of a person who carried out environmental impact assessment, time of environmental impact assessment and summary of results;

3) zone of special use of water;

4) influence of the activity to the state of a water body and ground water.

(2) Data mentioned in subparagraph 1 shall be recorded, if possible, on a map or plan, or, if this is not possible, shall be added to the map or plan as an explanatory text.

§ 14. Other relevant measures

Other relevant measures, including measures for soil protection, accident prevention and minimisation of effects from accidents, measures during treatment activities, measures in case of malfunctions from production or treatment facilities, measures during commencement and cessation of activities, and measures for minimising distant or cross-border pollution, shall be determined pursuant to standard format in annex 11.

§ 15. Temporary exemptions from integrated permit requirements

Temporary exemptions from integrated permit requirements shall be determined pursuant to the standard format in annex 12.

§ 16. Taking into account submissions and opinions

Data on submissions and opinions taken into account during decision-making on issuing an integrated permit shall be recorded pursuant to the standard format in annex 13.

§ 17. Format, frequency and scope of data submitted to the issuer of permit by an operator

Requirements for the format, frequency and scope of data submitted to the issuer of permit by an operator shall be determined pursuant to the standard format in annex 14.

§ 18. Integrated permit inspection results

Integrated permit conditions annual inspection results shall be recorded pursuant to the standard format in annex 15.

Jaanus Marrandi

Minister of Agriculuture

Acting Minister of Environment Sulev Vare

Secretary General

---

[1]96/61/EC (OCJ L 257, 10.10.1996, pp 26–40)

INTEGRATED ENVIRONMENTAL PERMIT

Permit registration number		
Permit application registration number		
Integrated Permit Information System (IPIS) registration number		
1. Operator	1. Company name	
	1.2. business registration code/ ID code	
	1.3. Address	
	phone/fax	
	e-mail	
2. Data on installation	2.1. Name of the installation	
	2.2. Address of the installation	
	2.3. Contact person: name, position	
	phone/fax	
	e-mail	

	2.4. Installation’s territorial code by EHAK and its grid reference	
3. Activity	3.1 Name of the main activity and its EMTAK code	
	3.2. Names of other activities and corresponding EMTAK codes	
	3.3. Names of activities or subactivities the permit has been issued for	
	3.4. Installation’s production capacity	
	3.5. Permitted operational hours	

4. Data on the issuer of permit	4.1. Company name	
	4.2. Business registration code	
	4.3. Address	
	4.4. Issuing official: name, position	
	phone/fax	
	e-mail	

The compliance of equipment and technology currently in use with the best available technique (BAT)

Production stages	Equipment and technology currently in use	Technological, specific consumption and emission levels of equipment and technology currently in use	BAT source	Chosen BAT name
1	2	3	4	5

Regulation of the Minister of Environment no

Storage and use of raw materials, auxiliaries, semi-finished products or chemicals

Table 1. Use of raw materials, auxiliaries, semi-finished products or chemicals not containing dangerous substances in an activity or a technological process

Raw materials, auxiliaries, semi-finished products or chemicals		Storage			Usage	
EKN commodity code	Name	Way of storage, container type	No on a map or plan	Maximum permitted amount to be stored at the same time, tons, m^3	Activity or Technological process	Permitted a Total, tons/y, m^3/y
1	2	3	4	5	6	7
Raw material						
Auxiliaries						
Semi-finished products						
Chemicals						

Table 2. Use of raw materials, auxiliaries, semi-finished products or chemicals containing dangerous substances in an activity or a technological process

Raw materials, auxiliaries, semi-finished products or chemicals		Storage			Usage			Dangerous sub	
EKN Commodity	Name	Way of storage, container	No on a	Maximum permitted amount to	Activity or Technological	Permitted amount, tons/y,	Permitted specific consumption,	CAS /	na

code		type	map or plan	be stored at the same time, tons, m^3	process	m^3/y	tons, m^3 per prod.unit g/kWh or kg/MWh t	EINECS/ ELINCS no	
1	2	3	4	5	6	7	8	9	10
Raw materials									
Auxiliaries									
Semi-finished products									
Chemicals									

Table 3. Storage of products containing dangerous substances

Product		Dangerous substance						Storage
EKN commodity code	Name	CAS / EINECS/ ELINCS No	name	Danger category	R -phrase	S -phrase	Content in a produc, %	Way of sto container t
1	2	3	4	5	6	7	8	9

Table 4. Measures for an efficient use or recovery of raw materials, auxiliaries, semi-finished products or chemicals

Activities	Description of a measure	Date of a
1	2	3
Efficient use of raw materials, auxiliaries, semi-finished products or chemicals		
Recovery of raw materials, auxiliaries, semi-finished products or chemicals		
Other relevant measures		

Regulation of the Minister of Environment no

Water intake and use of water

Table 1. Permitted water intake by sources of water

Sources of water					Permitted water intake, m³		
Water cadastral code	Name	Grid reference		No on a plan or map	Per hour	Per 24 hours	Quarterl
		X	Y				I q
1	2	3	4	5	6	7	8
Water body							
Ground water layer							

Table 2. Water intake monitoring

Source of water			Parameter sampled	Monitoring frequency	Used method (measuring or calculation method)	Measuring point			Used measu equipment
Water cadastral code	Name	No on a plan or map				Grid reference		No on a plan or map	Name, type
						X	Y		

1	2	3	4	5	6	7	8	9	10
Water body									
Ground water layer									

Table 3. Use of water

Area of use	**Source of water (water body or ground water layer)**			**Used amount of water**			
	Water cadastral code	**name**	**No on a plan or map**	**Type of water**	**th m³ /y**	**m³**	
						I quarter	**II quarte**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
a) Municipal water							
b) Technological water by production stages:							
Technological water by production processes:							
In washing or cleaning processes							
Cooling water							
Other processes							
c) water used in energy production:							
Cooling water							
d) other							
e) given to other consumers							
f) water in circulation							
			Total				

Table 4. Measures for an efficient use, recovery and protection of water

Activities	Description of a measure	Date of a
1	2	3
Efficient use of water		
Water recovery		
Ground and surface water protection		
Other relevant measures		

Use of fuel, energy production and consumption

Table 1. Use of fuel and energy production by types

Used fuel										
EKN commodity code	Name	Sulphur content, %	Ash content, %	Net calorific value, MJ/kg; gas, MJ/Nm^3	Amount, tons/y ; gas, th m^3					Permitted specific
					To-tal	In a prod. process	For heating premises and warming municipal water	For internal trans-port	other	consumption, tons, m^3 per prod.unit g/kWh or kg/MWh
1	2	3	4	5	6	7	8	9	10	11
Solid fuel										
Gaseous fuel										

Liquid fuel										

Table 2. Energy consumption by fields of use

Field of use	**Energy consumption, MWh/y , MJth/y**							
	Electricity, MWh/y				**heat, MJth/y**			
	Total	**Own production**	**External supplier**	**Permitted specific consumption, MWh per prod.unit**	**total**	**Own production**	**External supplier**	**Permitted specific consumptio MJth per prod.unit**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
By production stages:								
Light								
Cooling and freezing								
Melting								
Ventilation								
Heating for premises and warming of municipal water								
Other use								
Water treatment equipment								
Total								

Table 3. Measures for and efficient use or recovery of energy and fuel

Activities	Description of a measure	Date of a
1	2	3
Efficient use of fuel and energy		
Fuel and energy recovery		
Other relevant measures		

Ambient air pollution

Table 1. Activities, technological processes and equipment and cleaning installations

Activity, process, equipment				Cleaning installation					Pollutant emi	
EMTAK Code	Technological processes and equipment			Name, type	no	Cleaning efficiency, %		Frequency of efficiency control	CAS no	Name
	Name, type	Number	Number of operational hours a year			planned	Real			
1	2	3	4	5	6	7	8	9	10	11

Table 2. Permitted pollutant emission amounts released into ambient air from sources of pollution

Source of pollution		Pollutant		Cleaning installation				
No on a plan or map	Name	CAS no	name	Name, type	number	Cleaning efficiency, %		Fr of eff co
						planned	Real	
1	2	3	4	5	6	7	8	9

Table 3. Sudden emissions

Source of pollution		Reason for sudden emission	Duration of sudden emission	Pollutant emitted into ambient air		
Name	No on a plan or map			CAS no	Name	Permitted sudde Maximum momentary per emitted gas volume unit, mg/Nm³
1	2	3	4	5	6	7
Technological sudden emission						
Abnormal sudden emission						

Table 4. Pollutant immission calculation results by each stationary source of pollution

Source of pollution			Emitted gas parameters			Pollutant emitted into ambient air				
No on a plan or map	Name	Inner diameter D, m	Emission height H, m	Volume rate V_t m³/s	tem-pera-ture T, °C	CAS no	name	Maxim. momentary emission amount M, g/s	Ppt divisor F	Emission limit value SPV_1, µg/m³
1	2	2	3	4	5	6	7	8	9	10

Table 5. Total effect of sources of pollution on one production territory

Pollutant			No of pollution sources	Calculated pollution					
CAS no	name	Pollution limit value SPV_1, $\mu g/m^3$		Maxim. calculated pollution ΣC_m, $\mu g/m^3$	Distance of maxim. pollution from the border of the prod. territory, X_m, m	Ratio ΣC_m / SPV_1	Pollution level at the border of the prod. territory ΣC, $\mu g/m^3$	ratio ΣC / SPV_1	Backgrou pollution level at th border of the prod. territory C, $\mu g/m^3$
1	2	3	4	5	6	7	8	9	10

Table 6. Measures to limit ambient air pollution

Activities	Description of a measure	Date of a
1	2	3

Regulation of the Minister of Environment no

Vibration and noise transmitted in ambient air

Table 1. Vibration and noise transmitted in ambient air

Source of vibration, source of noise	No on a plan or map	Noise transmission area category	Permitted level during a day	Permitted leve
1	2	3	4	5

Vibration				
Noise				

Table 2. Measures to prevent or reduce vibration and noise transmitted in ambient air

Activities	**Description of a measure**	**Date of**
1	**2**	**3**
Vibration		
Noise		

Waste water

Table 1. Sources of water pollution and waste water treatment

Source of pollution		Pollutant				Treatment facility no on a plan or map	Wastewater treatment		Permi
No on a plan or map	Name	CAS / EINECS/ ELINCS no	name	Content in waste water, mg/l			Demanded treatment efficiency, %		annua
				Before Treatment	Permitted		planned	real	

					After Treatment				
1	2	3	4	5	6	7	8	9	10

Table 2. Waste water discharge into public sewerage system

Source of pollution		Connection point with public sewerage system				Permitted waste water flow, m^3				
No on a plan or map	name	name	Grid reference		No on a plan or map	daily		quarterly		Ann
			X	Y		mean	max	mean	max	mea
1	2	3	4	5	6	7	8	9	10	11
Total										

Table 3. Waste water recipient areas or outlets and permitted flow amounts

Source of pollution		Pollutant			Recipient area or outlet					Permitted f
No on a plan or map	name	CAS/ EINECS/ ELINCS no	name	Permitted content in waste water, mg/l	Code	Name	Recipient area's acreage	Grid reference		Annually
								X	Y	
1	2	3	4	5	6	7	8	9	10	11
Recipient area										

Outlet										

Table 4. Sudden discharge

Recipient area or outlet code	**Reason for sudden discharge**	**Duration of sudden discharge**	**Pollutant**		
			CAS/ **EINECS/** **ELINCS no**	**Name**	**Maximu content, mg/l**
1	**2**	**3**	**4**	**5**	**6**
Technological sudden discharge					
Recipient area					
Outlet					
Abnormal sudden discharge					
Recipient area					
Outlet					

Table 5. Measures to reduce water pollution or wastewater amounts

Activities	**Description of a measure**	**Date of a**
1	**2**	**3**

Regulation of the Minister of Environment no

Waste management

Table 1. Types and amounts of incoming and outgoing waste

Waste			Income				outlet, tons/y			
Waste code	Name	Danger class	Generated		Received from other companies, tons/y	Total tons/y	Collection incl. separation	transport	recovery	
			Tons per production unit	tons/y					amount	
1	2	3	4	5	6	7	8	9	10	

Table 2. Permitted maximum amounts of waste for disposal per calendar year

Waste			Permitted max.amount for disposal		Waste manage
Waste code	Name	Danger class	tons/y	tons/quarter	Location, land
1	2	3	4	5	6

Table 3. Measures for waste management

Activities	Description of a measure	Date of a
1	2	3
Reduction of waste generation and hazardousness of waste		
Prevention of waste generation		
Waste recovery		
Measures applied in waste disposal		
Other relevant measures		

Regulation of the Minister of Environment no

Emission monitoring

Table 1. Ambient air quality monitoring

Pollutant		Source of pollution		Monitoring frequency	Permitted method (measuring or calculation method)	Measuring point location			Used measuring instruments and equipment	
CAS no	name	Name	No on a plan or map			No on a plan or map	Grid reference		Name, type	Calibrati frequency
							X	Y		
1	2	3	4	5	6	7	8	9	10	11

Table 2. Monitoring of pollution source outlet

Source of pollution		Outlet code	Measuring point location			Pollutant		Monitoring frequency	Permit metho (measu or calcula metho
Name	No on a plan or map		No on a plan or map	Grid reference		CAS / EINECS/ ELINCS no	name		
				X	Y				
1	2	3	4	5	6	7	8	9	10

Table 3. Monitoring of a water body in a zone of influence of an outlet

Source of pollution		Outlet code	Water body		Measuring point location			Pollutant		Monitoring frequency	Permi metho (meas or calcul metho
name	No on a plan or map		name	Water cadastral code	No on a plan or map	Grid reference		CAS / EINECS/ ELINCS No	Name		
						X	Y				
1	2	3	4	5	6	7	8	9	10	11	12

Table 4. Waste generation monitoring

Waste			Measures to organise waste generation monitoring
Code	name	Danger class	

1	2	3	4

Table 5. Emission's environmental impact monitoring

Factor causing environmental impact	Measures to organise environmental impact monitoring
1	2

Table 6. Measures for more efficient emission monitoring

Activities	Description of a measure	
1	2	

Other relevant measures

Activities	Description of a measure
1	2
Soil protection	

Accident prevention		
Minimisation of effects from accidents		
Treatment activities		
Malfunction of production or treatment equipment		
Commencement of an activity		
Cessation of an activity		
Cessation of activities in the sphere		
Minimisation of distant and cross-border pollution		
Other relevant measures		

Temporary exemptions from integrated permit conditions

Content of a temporary exemption	Time limi
	Starting d
1	2

Regulation of the Minister of Environment no

Taking into account submissions and opinions submitted during the process of issuing an integrated permit

no	Submitter	A short summary of a comment	Notation for taking into account	Reason accoun
1	2	3	4	5

Regulation of the Minister of Environment no

Format, frequency and scope of data submitted to the issuer of permit by an operator

Type of data	Format of submitting data	Frequency of submitting data	Scop
1	2	3	4

Integrated permit conditions annual inspection results

	Result
	2

Regulation of the Minister of Environment no

Contestation of an integrated permit and reasons for issuing an integrated permit

Contestation of an integrated permit	**Reasons for issuing an integrated permit (fa considerations when issuing the permit)**
It is possible to contest the present permit within 30 days from the date of notice by lodging an appeal to the administrative court pursuant to the procedure provided in "Code of Administrative Court Procedure" (RT I 1999, 31, 425; 96, 846; 2000, 51, 321; 2001, 53, 313; 58, 355; 2002, 29, 174; 50, 313; 53, 336; 62, 376) or by challenge through an issuer of the permit to the Minister of Environment pursuant to the procedure provided in "Administrative Procedure Act" (RT I 2001, 58, 354; 2002, 53, 336; 61, 375)	

Issuer of the permit…..……
……

(name, signature, position, date)

Person receiving the permit……
……

(name, signature, position, date)