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Text consolidated by Valsts valodas centrs (State Language Centre) with amending regulations of:

2 April 2013 [shall come into force on 17 April 2013].

If a whole or part of a paragraph has been amended, the date of the amending regulation appears in square brackets at the end of the paragraph. If a whole paragraph or sub-paragraph has been deleted, the date of the deletion appears in square brackets beside the deleted paragraph or sub-paragraph.

**Republic of Latvia**

**Cabinet**

**Regulation No. 319**

Adopted 26 April 2011

## **Regulations Regarding Waste Recovery and Disposal Types**

*Issued pursuant to  
Section 22, Paragraph two, Clause 1 of  
of the Waste Management Law*

1. This Regulation prescribes the waste recovery types (Annex 1) and the waste disposal types (Annex 2).
2. Incineration of municipal solid waste in dedicated incinerators shall be classified as code R1 corresponding waste recovery type if the energy efficiency of such facilities are equal to or greater than:
  - 2.1. 0.60 - for facilities operating in accordance with the laws and regulations regarding the requirements for waste incineration and operation of waste incinerators and for the operation of which a permit for Category A or B polluting activity has been issued before 1 January 2009;
  - 2.2. 0.65 - for facilities for the operation of which a permit for Category A or B polluting activity has been issued after 31 December 2008.
3. Energy efficiency of the incinerators referred to in Paragraph 2 of this Regulation shall be calculated in accordance with Annex 3 to this Regulation.
4. Waste gasification and pyrolysis, using waste components as chemical substances, shall be classified as code R3 corresponding waste recovery type.
5. Soil treatment, which results in recovery of soil, and recycling of inorganic construction materials shall be classified as code R5 corresponding waste recovery type.
6. If a more corresponding waste recovery code cannot be identified to classify the corresponding waste recovery operation, code R12 and sub-codes R12A, R12B and R12C shall be used to classify operations, which are performed prior to waste recovery, including waste pre-treatment (including dismantling, sorting, crushing, compressing, granulation, drying, cutting, conditioning, repackaging, separating or mixing), before using any of the waste recovery types corresponding to R1, R2, R3, R3A, R3B, R3C, R4, R5, R6, R7, R8, R9, R10, R10A or R11 codes or sub-codes.

*[2 April 2013]*

7. Code D11 corresponding waste disposal type is prohibited in accordance with the laws and regulations in the field of ship-generated waste management and the international agreements in the field of marine environment and marine safety.

8. If a more corresponding waste recovery code cannot be identified to classify the corresponding waste disposal operation, code D13 shall be used to classify operations, which are performed prior to waste disposal, including waste pre-treatment (covering sorting, crushing, compressing, granulation, drying, cutting, conditioning or separating), before using any of the waste recovery types corresponding to codes D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11 or D12.

## Informative Reference to European Union Directives

This Regulation contains legal norms arising from Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

Prime Minister V. Dombrovskis

Minister for Environmental Protection  
and Regional Development R. Vējonis

**Annex 1**  
Cabinet Regulation No. 318  
26 April 2011

## Waste Recovery Types

[2 April 2013]

No.	Code	Sub-code <sup>1</sup>	Waste recovery types
1.	R1		Use of waste mainly as a fuel or other means to generate energy
2.	R2		Solvent reclamation or regeneration
3.	R3		Recycling or reclamation of organic substances which are not used as solvents, including composting and other biological transformation processes
3.1.		R3A	Biodegradable waste composting
3.2.		R3B	Recycling of plastic
3.3.		R3C	Recycling of paper and cardboard
4.	R4		Recycling or reclamation of metals or metal compounds
5.	R5		Recycling or reclamation of other inorganic materials
6.	R6		Regeneration of acids or bases
7.	R7		Recovery of chemical substances or products used for pollution abatement
8.	R8		Recovery of components from catalysts
9.	R9		Used petroleum product and oil re-finishing or other re-uses of previously used petroleum products and oil
10.	R10		Land treatment resulting in benefit to ecological or agriculture improvement
10.1.		R10A	Use of waste for backfilling operations or for engineering needs of landscape design
11.	R11		Use of residual waste obtained from any of the operations numbered with codes R1, R2, R3, R4, R5, R6, R7, R8, R9 and R10
12.	R12		Exchange of waste characteristics in order to perform any of the operations numbered with codes R1, R2, R3, R4, R5, R6, R7, R8, R9, R10 and R11
12.1.		R12A	Mechanical biological treatment
12.2.		R12B	Waste sorting
12.3.		R12C	Dismantling of end-of use vehicles and preparation thereof for treatment
13.	R13		Accumulation of waste (excluding temporary accumulation of waste in waste generation locations prior to their collection), before performing any of the operations numbered with codes R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11 and R12 <sup>3</sup>

Notes.

<sup>1</sup> Upon completing the environmental protection state statistical report - form "No. 3-Waste. Report on waste" - in accordance with the regulations regarding environmental protection state statistical report forms, if applicable, a sub-code corresponding to the respective recovery type shall be indicated in the form.

<sup>2</sup> The list included in this Annex is not complete.

<sup>3</sup> In accordance with the time periods laid down in the laws and regulations regarding waste management.

**Annex 2**  
Cabinet Regulation No. 319  
26 April 2011

## Waste Disposal Types

No.	Code	Waste disposal type <sup>1</sup>
1.	D1	Deposit into or onto land (for example, in waste disposal in landfill sites or dumps)
2.	D2	Land treatment (for example, biodegradation of liquid or sludge discards in soils)
3.	D3	Deep injection (for example, injection of pumpable waste or sludge discards into wells, pits or reservoirs of natural origin)
4.	D4	Surface impoundment (for example, placement of liquid or sludge discards into pits, ponds or lagoons)
5.	D5	Specially engineered landfills (for example, placement of waste into lined discrete cells which are capped and isolated from one another and the environment)
6.	D6	Release into a water body, except seas and oceans
7.	D7	Release into seas and oceans, including sea-bed insertion
8.	D8	Biological treatment not specified elsewhere in other paragraphs of this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered with codes D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11 and D12
9.	D9	Physico-chemical treatment not specified elsewhere in other paragraphs of this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered with codes D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11 and D12
10.	D10	Incineration on land
11.	D11	Incineration at sea
12.	D12	Permanent storage of waste (for example, emplacement of containers in shafts or mines)
13.	D13	Waste mixing prior to submission to any of the operations numbered with codes D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11 and D12
14.	D14	Waste repackaging prior to submission to any of the operations numbered with codes D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11 and D12
15.	D15	Waste storage (excluding temporary waste storage in waste generation locations prior their collection) pending any of the operations numbered with codes D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11 and D12

Notes.

<sup>1</sup> The list included in this Annex is not complete.

<sup>2</sup> In accordance with the time periods laid down in the laws and regulations regarding waste management.

Minister for Environmental Protection  
and Regional Development R. Vējonis

**Annex 3**  
Cabinet Regulation No. 319  
26 April 2011

## Calculation of Energy Efficiency of Waste Incinerators

Energy efficiency of the waste incinerators referred to in Paragraph 2 of this Regulation shall be calculated in

accordance with the best available technical methods for waste incineration, using the following formula:

$$\text{Energy efficiency} = (E_p - (E_f + E_i)) / (0,97 \times (E_w + E_f)), \text{ where:}$$

$E_p$  - thermal energy or electricity generated within a year, which is calculated by multiplying the amount of energy, which is expressed as electricity, by the coefficient 2.6 and by multiplying the amount of thermal energy generated for commercial purposes by the coefficient 1.1 (GJ/year);

$E_f$  - amount of fuel energy fed into the facility within a year for generation of steam (GJ/year);

$E_w$  - the amount of energy provided by waste incineration within a year, which is calculated using the lowest waste thermal capacity (GJ/year);

$E_i$  - the amount of energy supplied to facilities within a year, excluding  $E_w$  and  $E_f$  (GJ/year);

0.97 - a factor that characterises energy losses from gross generation and heat emission.

Minister for Environmental Protection  
and Regional Development R. Vējonis

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