

SCHEDULE 10

Provision in relation to landfill

Interpretation of the Decision Annex for the exercise of relevant functions: additional acceptance criteria in relating to monolithic waste

9. When interpreting the Decision Annex for the purposes of paragraph 5(3)—
- (a) point 2.3.1 must be read as if, in addition to the criteria listed, it requires the satisfaction of the following criteria in relation to stable, non-reactive monolithic hazardous waste and non-hazardous waste which is to be landfilled in the same cell with such waste—
- (i) it meets either—
- (aa) the limit values for leaching set out in the table in point 2.3.1, or
- (bb) the limit values for leaching set out in the following table—

<i>Component</i>	<i>Symbol</i>	<i>mg/m²</i>
Arsenic	As	1.3
Barium	Ba	45
Cadmium	Cd	0.2
Total Chromium	Cr _{total}	5
Copper	Cu	45
Mercury	Hg	0.1
Molybdenum	Mo	7
Nickel	Ni	6
Lead	Pb	6
Antimony	Sb	0.3
Selenium	Se	0.4
Zinc	Zn	30
Chloride	Cl ⁻	10,000
Fluoride	F ⁻	60
Sulphate	SO ₄ ²⁻	10,000
Dissolved Organic Carbon	DOC	Must be evaluated

- (ii) it meets the additional criteria set out in the following table—

<i>Parameter</i>	<i>Value</i>
pH of the eluate from the monolith or crushed monolith	Must be evaluated
Electrical conductivity (μ S.cm-1m-2) of the eluate from the monolith or crushed monolith	Must be evaluated

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<i>Parameter</i>	<i>Value</i>
Acid Neutralisation Capacity (ANC) of the crushed monolith	Must be evaluated
(iii) it has a mean unconfined compressive strength of at least 1Mpa after 28 days curing;	
(iv) it has either—	
(aa) dimensions of greater than 40cm along each side, or	
(bb) a depth and fracture spacing when hardened of greater than 40cm; and	
(v) where the waste was subjected to treatment to render it monolithic, prior to such treatment it met the following limit values—	
(aa) loss on ignition of 10%, or	
(bb) total organic carbon of 6%;	
(b) point 2.4.1 in the Decision Annex must be read as if, in addition to the criteria listed, it requires the satisfaction of the following criteria in relation to monolithic waste to be accepted at a landfill for hazardous waste—	
(i) it complies with paragraphs (a)(ii) to (a)(v), and	
(ii) it meets either—	
(aa) the limit values for leaching set out in the table in point 2.4.1, or	
(bb) the limit values for leaching set out in the following table—	

<i>Components</i>	<i>Symbol</i>	<i>mg/m²⁽¹⁾</i>
Arsenic	As	20
Barium	Ba	150
Cadmium	Cd	1
Total Chromium	Cr _{total}	25
Copper	Cu	60
Mercury	Hg	0.4
Molybdenum	Mo	20
Nickel	Ni	15
Lead	Pb	20
Antimony	Sb	2.5
Selenium	Se	5
Zinc	Zn	100
Chloride	Cl ⁻	20,000
Fluoride	F ⁻	200
Sulphate	SO ₄ ²⁻	20,000

(1) The regulator may include conditions in an environmental permit authorising limit values for specific parameters (other than Dissolved Organic Carbon) up to three times higher for specified wastes accepted in a landfill, taking into account the characteristics of the landfill and its surroundings and provided a risk assessment demonstrates that emissions (including leachate) from the landfill will present no additional risk to the environment.

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<i>Components</i>	<i>Symbol</i>	<i>mg/m²⁽¹⁾</i>
Dissolved Organic Carbon	DOC	Must be evaluated

(1) The regulator may include conditions in an environmental permit authorising limit values for specific parameters (other than Dissolved Organic Carbon) up to three times higher for specified wastes accepted in a landfill, taking into account the characteristics of the landfill and its surroundings and provided a risk assessment demonstrates that emissions (including leachate) from the landfill will present no additional risk to the environment.