

Compliance with pollutant emissions standards stated by the Ministry of Natural Resource and Environmental Protection of the Republic of Belarus Decision dated 18 July 2018 #5T and Directive # 2010/75 / EC of the European Parliament and the European Council

Pollutant		Ministry of Natural Resource and Environmental Protection of the Republic of Belarus Decision dated 18 July 2018 #5T	Directive 2010/75 / Average daily emission thresholds
Particulate matter (dust)		10 mg / m ³ For hazard class 1-2 30 mg / m ³ for burning waste and fuel from waste (with a waste content of more than 15%)	10 mg / m ³
Nitrogen oxides (in terms of nitrogen dioxide)		200 mg / m ³	200 mg / m ³ for existing waste incineration plants with a rated capacity exceeding 6 tons per hour or for new waste incineration plants 400 mg / m ³ for existing waste incineration plants with a nominal capacity of 6 tons per hour or less
Sulfur dioxide		100 mg / m ³	50 mg / m ³
Carbon oxide		300 mg / m ³	Threshold values of emissions (CO) in exhaust gases: a) 50 mg / m ³ as a daily average; b) 100 mg / m ³ as the average half-hour value; c) 150 mg / m ³ as the average 10 minute value.
Polychlorinated dibenzodioxins and polychlorinated dibenzofurans (in terms of 2,3,7,8-tetrachlorodibenzo-1,4-dioxin)		0.1 ng / m ³	In order to determine the total concentration of dioxins and furans by weight concentration following-pi-dibenzodioxins and dibenzofurans is multiplied by the corresponding equivalence ratio, and then formed according to Table 1
Total organic carbon		50 mg / m ³	10 mg / m ³ Gaseous and vaporous organic matter expressed as total organic carbon
Heavy metals and their compounds in total	Antimony, arsenic, lead, chromium, cobalt, copper, manganese, nickel, vanadium, cadmium, thallium	0, 5 mg / m ³	0.5 mg / m ³ (total), except cadmium and thallium 0.5 (separately)
	Mercury	0.05 mg / m ³	0.05 mg / m ³
Hydrocarbons polycyclic aromatic total		0.1 mg / m ³	
Hydrogen chloride (HCl)		10 mg / m ³ <i>Pollutant emission standards for</i>	10 mg / m ³

	<i>use and / or disposal by burning municipal waste, RDF-fuel and fuel from municipal waste</i>	
Hydrogen fluoride (HF)	1 mg / m ³ <i>Pollutant emission standards for use and / or disposal by burning municipal waste, RDF-fuel and fuel from municipal waste</i>	1 mg / m ³

Table 1

	Coefficients toxic equivalence
2,3,7,8-tetrachlorodibenzodioxin (TCDD)	One
1,2,3,7,8-pentachlorobenzodioxin (PeCDD)	0.5
1,2,3,4,7,8-hexachlorodibenzodioxin (HxCDD)	0.1
1,2,3,6,7,8-hexachlorodibenzodioxin (HxCDD)	0.1
1,2,3,7,8,9-hexachlorodibenzodioxin (HxCDD)	0.1
1,2,3,4,6,7,8-heptachlorodibenzodioxin (HpCDD)	0.01
Octachlorodibenzodioxin (OCDD)	0.001
2,3,7,8-tetrachlorobibenzofuran (TCDF)	0.1
2,3,4,7,8-pentachlorobibenzofuran (PeCDF)	0.5
1,2,3,7,8-pentachlorobibenzofuran (PeCDF)	0.05
1,2,3,4,7,8-hexachlorodibenzofuran (HxCDF)	0.1
1,2,3,6,7,8-hexachlorodibenzofuran (HxCDF)	0.1
1,2,3,7,8,9-hexachlorodibenzofuran (HxCDF)	0.1
2,3,4,6,7,8-hexachlorodibenzofuran (HxCDF)	0.1
1,2,3,4,6,7,8-heptachlorobibenzofuran (HpCDF)	0.01
1,2,3,4,7,8,9-heptachlorobibenzofuran (HpCDF)	0.01
Octachlorodibenzofuran (OCDF)	0.001