

Parameter	Symbol	ELV		Unit	Maximum measured mass concentrations by monitoring periods			
		Regulation*	BREF**		06.02-09.02.2024	07.05.-15.05.2024	24.09-27.09.2024	04.11-07.11.2024
Carbon monoxide	CO	50,00	50,00	mg/m ³	3,11 ± 0,21	2,90 ± 0,20	1,84 ± 0,12	6,21 ± 0,42
Nitrogen oxides expressed as NO ₂	NO ₂	200,00	120,00	mg/m ³	121,19 ± 4,50	123,75 ± 4,45	120,38 ± 4,45	102,30 ± 3,51
Sulfur oxides expressed as SO ₂	SO ₂	50,00	30,00	mg/m ³	19,64 ± 2,24	17,62 ± 2,01	26,97 ± 3,08	24,25 ± 2,77
Ammonia	NH ₃	X	10,00	mg/m ³	3,26 ± 0,19	5,84 ± 0,34	10,27 ± 0,60	2,82 ± 0,17
Hydrofluoric acid	HF	1,00	1,00	mg/m ³	0,53 ± 0,02	< 0,14 ± < 0,01	ND	ND
Hydrochloric acid	HCl	10,00	6,00	mg/m ³	1,06 ± 0,06	0,67 ± 0,04	1,61 ± 0,09	0,92 ± 0,05
Total organic carbon	TOC	10,00	10,00	mg/m ³	ND	ND	0.32 ± 0.03	ND
Particulate matter	–	10,00	5,00	mg/m ³	ND	ND	ND	0,61 ± 0,07
Mercury	Hg	0,05	0,02	mg/m ³	1,24×10 ⁻³ ± 2,42×10 ⁻⁴	ND	ND	ND
Cadmium and Thallium	Cd+Tl	0,05	0,02	mg/m ³	ND	ND	ND	ND
Metals (Sb + As + Pb + Cr + Co + Cu + Mn + Ni + V)	–	0,50	0,30	mg/m ³	1,11×10 ⁻² ± 1,47×10 ⁻³	3,22×10 ⁻³ ± 4,24×10 ⁻⁴	5,27×10 ⁻² ± 7,53×10 ⁻³	1,70×10 ⁻² ± 2,24×10 ⁻³
Dioxins and Furans	PCDDs/PCDFs	0,10	0,04	ng/m ³	ND	1,91×10 ⁻³ ± 3,44×10 ⁻⁴	2,34×10 ⁻³ ± 4,21×10 ⁻⁴	2,50×10 ⁻³ ± 4,50×10 ⁻⁴
PCBs similar to dioxins	PCB	X	0,06	ng/m ³	ND	4,12×10 ⁻⁴ ± 7,42×10 ⁻⁵	ND	ND
Benzo(a)pyrene	C ₂₀ H ₁₂	X	X	µg/m ³	ND	ND	ND	ND
PAHs expressed as benzo(a)pyrene	PAH	X	X	µg/m ⁴	ND	ND	ND	ND
Nitrogen-suboxides	N ₂ O	X	X	mg/m ³	11,46 ± 0,67	14,56 ± 0,68	9,72 ± 0,45	3,73 ± 0,17

ND – Not detected (the result is below the detection limit of the analytical method)

* – Limit value provided in the Regulation on technical and technological requirements for the design, construction, equipment, and operation of facilities and types of waste for thermal waste treatment, emission limit values and their monitoring (“Official Gazette of RS”, No. 103/2023)

** – Limit value provided by applying Best Available Techniques (BAT) as specified in the Best Available Techniques (BAT) Reference Document (BREF) for Waste Incineration; EUR 29971 EN; Luxembourg: Publications Office of the European Union, 2019 (Industrial Emissions Directive 2010/75/EU Integrated Pollution Prevention and Control)

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