

**Emission of pollutants for Activity:  
Installations for the production of pig iron or steel (primary or secondary melting) including conti**

Pollutant amount in kg/year

Year: 2021

Last data update: 2023-11-30

Pollutant	Release to			Waste water
	air	water	soil	
Arsenic and compounds (as As)	83	11	-	-
Benzene	13.360	-	-	-
Cadmium and compounds (as Cd)	100	-	-	15
Carbon dioxide (CO <sub>2</sub> )	29.489.000.000	-	-	-
Carbon monoxide (CO)	528.288.000	-	-	-
Chlorides (as total Cl)	-	3.210.000	-	-
Chlorine and inorganic compounds (as HCl)	373.500	-	-	-
Chromium and compounds (as Cr)	1.468	134	-	-
Copper and compounds (as Cu)	871	160	-	-
Cyanides (as total CN)	-	1.831	-	1.738
Fluorides (as total F)	-	44.840	-	27.000
Lead and compounds (as Pb)	7.001	354	-	381
Mercury and compounds (as Hg)	466	5	-	3
Nickel and compounds (as Ni)	848	434	-	59
Nitrogen oxides	20.498.000	-	-	-
Non-methane volatile organic compounds (NMVOC)	775.000	-	-	-
Particulate matter (PM <sub>10</sub> )	2.763.700	-	-	-
PCDD + PCDF (dioxins + furans) (as Teq)	-	-	-	-
Phenols (as total C)	-	26	-	-
Sulphur oxides (SOX)	26.859.000	-	-	-
Total nitrogen	-	59.400	-	268.500
Total organic carbon(as total C or COD/3) (TOC)	-	140.000	-	66.700
Total phosphorus	-	5.980	-	-
Zinc and compounds (as Zn)	26.443	12.333	-	4.084