

Yokohama plant : Air Quality (Air Pollution Control Law and ordinances)

Substance	Facilities	Legal Limits	Unit	FY2014	Remarks
Sulfur oxide (SOx)	-	-	m <sup>3</sup> N/H		
Soot and dust	Boiler	0.1	g/m <sup>3</sup> N	0.002	
	Paint oven	0.1	g/m <sup>3</sup> N	0.001	
	Gas engine	0.1	g/m <sup>3</sup> N	0.002	
	Heating furnace	0.1	g/m <sup>3</sup> N	0.006	
	Melting furnace	0.1	g/m <sup>3</sup> N	0.013	
Cadmium and its compounds	None		mg/m <sup>3</sup> N		Substance designated by ordinance
Chlorine	Aluminum melting furnaces	1	ppm	<0.1	Substance designated by ordinance
Hydrogen chloride	Aluminum melting furnaces	8	mg/m <sup>3</sup> N	<0.6	Substance designated by ordinance
Fluorine- hydrogen fluoride, Silicon fluoride	Aluminum melting furnaces	2.5	mg/m <sup>3</sup> N	<0.8	Substance designated by ordinance
Lead and its compounds	None	-	mg/m <sup>3</sup> N		Substance designated by ordinance
Nitrogen oxides (NOx)	Boiler	46	ppm	45	
	Paint oven	35	ppm	19	
	Gas engine	50	ppm	18	
	Heating furnace	99	ppm	45	
	Melting furnace	60	ppm	57	
Dioxins	Aluminum melting furnaces	5	ng-TEQ/m <sup>3</sup> N	0.000039	