

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

Substance	Facilities	Legal Limits	Unit	FY2014 Measured Value (Max)	Remarks
Sulfur oxide (SOx)	Cupola	3.91	m ³ N/H	0.5	
	Boiler	41.98	m ³ N/H	26.27	
	Diesel engines	21.8	m ³ N/H	—	
	Aluminum melting furnaces	2.9	m ³ N/H	0	City gas
	Paint oven	2.2	m ³ N/H	0	City gas
Soot and dust	Boiler	0.15	g/m ³ N	0.03	
	Diesel engines	0.1	g/m ³ N	0.051	
	Aluminum melting furnaces	0.2	g/m ³ N	0.04	
	Heating furnace	0.2	g/m ³ N	0.01	
	Paint oven	0.2	g/m ³ N	0.002	
Cadmium and its compounds	None				
Hydrogen chloride	A	40	mg/m ³ N		
Fluorine· hydrogen fluoride, Silicon fluoride	None			31	
Lead and its compounds	None				
Nitrogen oxides (NOx)	Boiler	190	ppm	89	
	Diesel engines	950	ppm	780	
	Aluminum melting furnaces	180~200	ppm	82	
	Heating furnace	180~200	ppm	81	
	Paint oven	180~200	ppm	22	
Dioxins	Aluminum melting furnaces	1	ng-TEQ/Nm ³	0.0022	