

Air Pollution Data

Plant	Equipment	Substance* ¹	Control Value	Actual Measurement (maximum) ^{*2}
Headquarters and Kariya Plant	Boiler	P.M. (g/Nm ³)	0.1	0.08
		NO _x (ppm)	150	79
		SO _x (-) (K value)	1.75	0
	Gas turbine	P.M. (g/Nm ³)	0.05	0.0005
		NO _x (ppm)	50	19
		SO _x (-) (K value)	1.75	0
Ikeda Plant	Boiler	P.M. (g/Nm ³)	0.1	0.056
		NO _x (ppm)	150	75
		SO _x (-) (K value)	1.75	0.09
	Oven	P.M. (g/Nm ³)	0.2	0.01
		NO _x (ppm)	130	15
		SO _x (-) (K value)	1.75	0
	Thermal grease remover	P.M. (g/Nm ³)	0.2	0.009
		NO _x (ppm)	130	21
		SO _x (-) (K value)	1.75	0
Anjo Plant	Boiler	P.M. (g/Nm ³)	0.3	0.009
		NO _x (ppm)	230	159
		SO _x (-) (K value)	4.67	0.13
	Melting furnace	P.M. (g/Nm ³)	0.2	0.01
		NO _x (ppm)	140	88
		SO _x (-) (K value)	17.5	0
	Incinerator	P.M. (g/Nm ³)	0.5	0.367
		NO _x (ppm)	230	176
		SO _x (-) (K value)	17.5	0.01
	Gas turbine	P.M. (g/Nm ³)	0.05	0.0006
		NO _x (ppm)	50	35
		SO _x (-) (K value)	17.5	0
Nishio Plant	Boiler	P.M. (g/Nm ³)	0.3	0.236
		NO _x (ppm)	210	125
		SO _x (-) (K value)	17.5	1.89
	Melting furnace	P.M. (g/Nm ³)	0.2	0.0007
		NO _x (ppm)	170	9
		SO _x (-) (K value)	17.5	0
	Ash immersion furnace	P.M. (g/Nm ³)	0.2	0.0004
		NO _x (ppm)	150	20
		SO _x (-) (K value)	17.5	0
	Gas turbine	P.M. (g/Nm ³)	0.05	0.002
		NO _x (ppm)	50	31
		SO _x (-) (K value)	17.5	0
Takatana Plant	Boiler	P.M. (g/Nm ³)	0.25	0.01
		NO _x (ppm)	140	106
		SO _x (-) (K value)	2.92	0.04
Daian Plant	Boiler	P.M. (g/Nm ³)	0.25	0.098
		NO _x (ppm)	110	64
		SO _x (-) (K value)	17.5	1.48
	Melting furnace	P.M. (g/Nm ³)	0.2	0.002
		NO _x (ppm)	100	54
		SO _x (-) (K value)	17.5	0
	Incinerator	P.M. (g/Nm ³)	0.5	0.402
		NO _x (ppm)	250	179
		SO _x (-) (K value)	17.5	1.45
	Kiln	P.M. (g/Nm ³)	0.25	0.117
		NO _x (ppm)	180	130
		SO _x (-) (K value)	17.5	0
	Gas turbine	P.M. (g/Nm ³)	0.05	0.013
		NO _x (ppm)	70	38
		SO _x (-) (K value)	17.5	0

Plant	Equipment	Substance* ¹	Control Value	Actual Measurement (maximum) ^{*2}
Kota Plant	Boiler	P.M. (g/Nm ³)	0.05	0.003
		NO _x (ppm)	140	118
		SO _x (-) (K value)	5	0.20
	Gas turbine	P.M. (g/Nm ³)	0.04	0
		NO _x (ppm)	50	38
		SO _x (-) (K value)	5	0
Toyohashi Plant	Boiler	P.M. (g/Nm ³)	0.15	0.003
		NO _x (ppm)	140	115
		SO _x (-) (K value)	2.34	1.39
	Ash immersion furnace	P.M. (g/Nm ³)	0.1	0.01
		NO _x (ppm)	100	10
Agui Plant	Boiler	SO _x (-) (K value)	2.34	0
		P.M. (g/Nm ³)	0.05	0.003
		NO _x (ppm)	140	79
	Oven	SO _x (-) (K value)	1.75	0
		P.M. (g/Nm ³)	0.05	0.0008
		NO _x (ppm)	140	96
Kitakyushu Plant	Boiler	SO _x (-) (K value)	1.75	0
		P.M. (g/Nm ³)	0.05	0.001
		NO _x (ppm)	120	33
		SO _x (-) (K value)	3.5	0
Zenmyo Plant	Boiler	P.M. (g/Nm ³)	0.05	0.005
		NO _x (ppm)	120	100
		SO _x (-) (K value)	3	0.32
Hiroshima Plant	Boiler	P.M. (g/Nm ³)	0.3	0.002
		P.M. (g/Nm ³)	250	130
		SO _x (-) (K value)	7	0.74
Nukata Testing Center	Boiler	P.M. (g/Nm ³)	0.3	0.107
		NO _x (ppm)	140	70
		SO _x (-) (K value)	7	1.15
DENSO Research Laboratories	Boiler	P.M. (g/Nm ³)	0.05	0.022
		NO _x (ppm)	120	45
		SO _x (-) (K value)	3	0

*1 NO_x: Nitrogen oxide
SO_x: Sulphur oxide

K value: An index established by local ordinances for limiting the volume of SO_x emissions. K values are low (more stringent) in regions in which there is concern over the possibility of a high concentration of SO_x.

*2 The actual measurements shown refer to maximum values with respect to the control values for each particular piece of target equipment.