

Atmospheric Quality Data

Chita and Forging Plants (Air Pollution Control Act/local regulations)

Substance	Facility	Limit	Actual level (max)
NOx	Boiler	130	77.5
		150	53.6
	Heating furnace	130	52.0
		150	97.3
		170	75.0
		180	64.5
	200	39.7	
Soot	Boiler	0.15	0.001
	Heating furnace	0.08	0.006
		0.10	0.006
		0.20	0.005
		0.25	0.003
		0.30	0.013
	Electric furnace	0.05	0.003
		0.08	0.004
	0.10	0.004	
SOx	(Total limit)	32.30	3.00

Kariya Plant (Air Pollution Control Act/local regulations)

Substance	Facility	Limit	Actual level (max)
NOx	Heating furnace	130	69.2
		150	75.6
		180	88.6
		200	44.6
SOx	(Total limit)	5.16	3.76

Higashiura Plant (Air Pollution Control Act/local regulations): No regulated facility

Gifu Plant (Air Pollution Control Act/local regulations)

Substance	Facility	Limit	Actual level (max)
NOx	Boiler	150	89.0

Seki Plant (Air Pollution Control Act/local regulations): No regulated facility

- The actual levels of NOx and soot indicate the maximum values actually measured for each regulated facility.
- Units used are as follows. NOx: ppm, soot: g/m³N, SOx: m³N/h (total volume control as stipulated by the Air Pollution Control Act)

Water Quality Data

Chita and Forging Plants(Water Quality Pollution Control Act/local regulations)

Item	Limit	Max.	Min.	Average
pH	5.8~8.6	7.7	6.8	7.2
COD	25 (20)	7.2	2.4	4.4
SS	40 (30)	7.5	Less than 0.5	1.0
Nitrogen	120 (60)	2.2	0.8	1.5
Phosphorus	16 (8)	0.1	Less than 0.1	0.1

Kariya Plant (Water Quality Pollution Control Act/local regulations)

Item	Limit	Max.	Min.	Average
pH	5.8~8.6	7.5	6.4	6.8
BOD	25 (20)	2.2	0.5	1.3
SS	40 (30)	13.0	0.5	4.0
Nitrogen	120 (60)	9.1	0.7	4.7
Phosphorus	16 (8)	0.2	Less than 0.1	0.1

Higashiura Plant (Water Quality Pollution Control Act/local regulations)

Item	Limit	Max.	Min.	Average
pH	5.8~8.6	7.5	6.7	7.0
BOD	25 (20)	3.6	1.0	2.3
SS	30 (20)	7.0	0.5	2.6
Nitrogen	120 (60)	4.9	1.1	2.5
Phosphorus	16 (8)	0.8	0.1	0.4

Gifu Plant (Water Quality Pollution Control Act/local regulations)

Item	Limit	Max.	Min.	Average
pH	5.8~8.6	7.6	6.4	7.0
BOD	30 (20)	3.3	0.6	2.0
SS	60 (50)	10.5	Less than 0.5	1.8
Nitrogen	120 (60)	21.2	0.7	6.5
Phosphorus	16 (8)	1.5	Less than 0.1	0.3

- Unit: mg/liter (except for pH)
- Levels of other regulated substances not shown in these tables were all below the regulation limits or below the minimum measurable amounts (or not detected at all).
- Figures in parentheses () are daily averages.
pH: Hydrogen-ion density
COD: Chemical oxygen demand
BOD: Biochemical oxygen demand
SS: Suspended solids in water