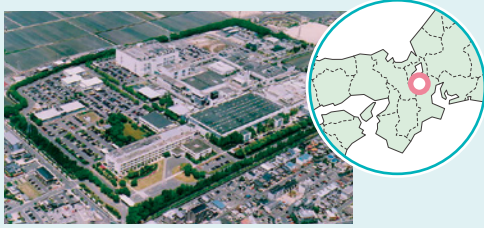


# Kyocera Group Site Information

## Kyocera Corporation Shiga Yasu Office



### Profile

Location	800 Ichimiyake Yasu, Shiga
Products manufactured	None
Number of employees	15
Land area	198,197 m <sup>2</sup>
Total floor space	100,232 m <sup>2</sup>

### Environmental Performance

Items	Units		FY 2006		FY 2007	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	kWh/M Yen	5,925,677	3,144	8,495,310	2,912
Fuel (natural gas, propane, kerosene)	kℓ (crude-oil based)	kℓ/M Yen	846	0.45	1,039	0.36
CO <sub>2</sub>	t-CO <sub>2</sub>	t-CO <sub>2</sub> /M Yen	3,417	1.81	4,515	1.55
Water	m <sup>3</sup>	m <sup>3</sup> /M Yen	84,468	44.8	126,491	43.4
Industrial waste emissions	kg	kg/M Yen	21,390	11.3	45,450	15.6
Effluent	m <sup>3</sup>	m <sup>3</sup> /M Yen	53,384	28.3	79,765	27.3

#### Comments

We were able to improve the specific consumption of electricity, fuel consumption, CO<sub>2</sub> emissions, water, and effluent. Meanwhile, both the amount and the specific consumption of industrial waste emissions increased due to the disposal of furniture when we rearranged our layout.

\* The amount for FY2006 are based on data counted from August 2005 when we began operations.

### Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY 2007		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm <sup>3</sup> )	No. 1 boiler	0.25	0.24	0.18	0.002	0.003	Twice/year
	No. 2 boiler	0.25	0.24	0.18	0.002	0.002	Twice/year
	No. 3 boiler	0.10	0.08	0.07	0.002	0.003	Twice/year
NOx (ppm)	No. 1 boiler	230	—	207	104.0	107.0	Twice/year
	No. 2 boiler	230	—	207	94.0	96.0	Twice/year
	No. 3 boiler	130	104	98	73.5	81.0	Twice/year
SOx (K value)	No. 1 boiler	17.5	—	15.75	0.02	0.04	Twice/year
	No. 2 boiler	17.5	—	15.75	0.04	0.16	Twice/year
	No. 3 boiler	17.5	—	15.75	0.02	0.03	Twice/year

### Air emission: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
NOx	2.34	1.94
SOx	0.070	0.063

#### Comments

Less than self-management standards, no incidents exceeded standards.

### Water quality (units: mg/ℓ)

Items	Legal standard	Internal criteria	Self-management standard	Performance for FY 2007		
				Ave	Max	Measurement frequency
Hydrogen ion concentration (pH)	6.0~8.5	6.2~8.2	6.5~8.0	7.2	7.5	Once/month
Biochemical oxygen demand (BOD)	20	10	9	4.5	8.3	Once/month
Chemical oxygen demand (COD)	20	10	9	6	7.2	Once/month
Suspended solid (SS)	25	5	4.5	<2.0	<2.0	Once/month
N-hexane extracts weight	5	1	0.9	<0.5	<0.5	Once/month
Phenols content	1	0.5	0.45	<0.04	0.06	Once/month
Copper content	1	1	0.9	0.05	0.17	Once/month
Zinc content	1	1	0.9	0.01	0.03	Once/month
Dissolved iron content	10	5	4.5	0.02	0.07	Once/month
Dissolved manganese content	10	5	4.5	0.01	0.04	Once/month
Coliform group number (colonies/ mℓ)	3,000	350	315	0	2	Once/month
Nitrogen content	8	8	7.2	1.4	3.4	Once/month
Phosphorous content	0.8	0.5	0.45	0.09	0.25	Once/month

### Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
Chemical oxygen demand (COD)	0.20	0.48
Biochemical oxygen demand (BOD)	0.21	0.40
Nitrogen	0.075	0.112
Phosphorous	0.001	0.007

#### Comments

Less than self-management standards, no incidents exceeded standards.

### Bad odors

No incidents exceeded standards.

### Noise and vibration

No incidents exceeded standards.

### PRTR substances (units: tons)

Number	Substance	Handled amounts	Releases to			Transfers to		Other amounts		
			Air	Water	Soil	Waste	Sewage	Recycled	Consumption	Removed by process
N/A										

Comments N/A