Kyocera Group Site Information

Kyocera Corporation Shiga Yasu Office

Profile

Location	800 Ichimiyake Yasu-shi, Shiga
Products manufactured	None
Number of employees	13
Land area	198,197 m²
Total floor space	100,231 m²

Environmental Performance

Items	Units		FY 2008		FY 2009	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	kWh/M Yen	772,946	267.5	31,754	10.8
Fuel (kerosene, LPG, natural gas)	kℓ (crude-oil based)	kℓ/M Yen	1,095	0.38	1,025	0.35
CO_2	t-CO_2	t-CO_2/M Yen	2,608	0.90	2,231	0.76
Water	m³	m³/M Yen	102,429	35.45	97,277	33.17
Industrial waste emissions	kg	kg/M Yen	27,700	9.59	23,400	7.98
Effluent	m³	m³/M Yen	57,925	20.05	60,462	20.61

Comments

Electricity consumption and it per net sales (KW / million yen) were improved greatly by increasing of tenant rate and decreasing of consumption for vacant rooms maintenanced.

Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY2009		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm³)	No. 1 boiler	0.25	0.2	0.18	0.005	0.005	Twice/year
	No. 2 boiler	0.25	0.2	0.18	0.005	0.005	Twice/year
	No. 3 boiler	0.10	0.08	0.07	0.005	0.005	Twice/year
NOx (ppm)	No. 1 boiler	230	120	108	107.5	108.0	Twice/year
	No. 2 boiler	230	120	108	88.0	100.0	Twice/year
	No. 3 boiler	130	104	98	81	92	Twice/year
SOx (K value)	No. 1 boiler	17.5	14	12.6	0.15	0.03	6 times/year
	No. 2 boiler	17.5	14	12.6	0.18	0.02	6 times/year
	No. 3 boiler	17.5	14	12.6	0.18	0.02	6 times/year

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2008	FY 2009
NOx	2.56	2.45
SOx	0.043	0.041

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 FY2009		
				Ave	Max	Measurement frequency
Hydrogen ion concentration (pH)	6.0~8.5	6.2~8.2	6.5~8.0	7.3	7.5	Once/month
Biochemical oxygen demand (BOD)	20	10	9	2.5	3.5	Once/month
Chemical oxygen demand (COD)	20	10	9	3.5	5.2	Once/month
Suspended solid (SS)	25	5	4.5	2.0	2.2	Once/month
N-hexane extracts weight	5	1	0.9	0.5	0.5	Once/month
Phenols content	1	0.5	0.45	0.1	0.1	Once/month
Copper content	1	1	0.9	0.1	0.4	Once/month
Zinc content	1	0.5	0.45	0.01	0.03	Once/month
Dissolved iron content	10	5	4.5	0.01	0.03	Once/month
Dissolved manganese content	10	5	4.5	0.01	0.01	Once/month
Coliform group number (colonies/ mℓ)	3,000	350	315	0	0	Once/month
Nitrogen content	8	8	7.2	1.0	1.8	Once/month
Phosphorous content	0.8	0.5	0.45	0.1	0.1	Once/month

Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2008	FY 2009
Chemical oxygen demand (COD)	0.19	0.15
Biochemical oxygen demand (BOD)	0.16	0.21
Nitrogen	0.05	0.06
Phosphorous	0.0058	0.0060

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