

Kyocera Group Site Information

Kyocera Corporation R&D Center, Keihanna



Profile

Location	3-5-3 Hikaridai, Seika-cho, Soraku-gun, Kyoto
Products manufactured	Research and development of optical and electronic devices using thin-film technologies
Number of employees	100
Land area	26,686 m ²
Total floor space	15,137 m ²

Environmental Performance

Items	Units		FY 2006		FY 2007	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	kWh/M Yen	2,739,350	5.87	2,712,060	5.24
Fuel (natural gas)	kℓ (crude-oil based)	kℓ/M Yen	475	0.001	468	0.001
CO ₂	t-CO ₂	t-CO ₂ /M Yen	1,692	0.004	1,658	0.003
Water	m ³	m ³ /M Yen	15,809	0.033	16,797	0.032
Industrial waste emissions	kg	kg/M Yen	11,615	0.024	12,632	0.024
Effluent	m ³	m ³ /M Yen	—	—	—	—

Comments

The reduction in electricity and fuel consumption based on our energy-saving activities allowed us to reduce CO₂ emissions. Water consumption increased due to watering for our landscaping and maintenance on our ultra-water purifier.

Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY 2007		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm ³)	Osmosis water chiller (3 units)	0.1	0.08	0.01	<0.01	<0.01	Twice/year
NOx (ppm)	Osmosis water chiller (3 units)	150	120	108	22.4	28.0	Twice/year
SOx (Nm ³ /h)	N/A			—			

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
NOx	0.61	0.49
SOx	N/A	

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
N/A			—			

Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
N/A	—	

Comments

N/A

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