

# Kyocera Group Site Information

## KYOCERA SLC Technologies Corporation Kagoshima Sendai Office



### Profile

Location	1810 Taki-cho, Satsumasendai, Kagoshima
Products manufactured	Organic multilayer substrates
Number of employees	182
Land area	(Inside Kyocera Kagoshima Sendai Plant)
Total floor space	

### Environmental Performance

Items	Units		FY 2006		FY 2007	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	kWh/M Yen	18,649,801	4,184.5	22,050,173	3,371.6
Fuel (LPG)	kℓ (crude-oil based)	kℓ/M Yen	2,530	0.6	2,211	0.3
CO <sub>2</sub>	t-CO <sub>2</sub>	t-CO <sub>2</sub> /M Yen	11,632	2.6	11,960	1.8
Water	m <sup>3</sup>	m <sup>3</sup> /M Yen	420,580	94.4	538,639	82.4
Industrial waste emissions	kg	kg/M Yen	545,491	122.4	685,040	104.7
Effluent	m <sup>3</sup>	m <sup>3</sup> /M Yen	—	—	—	—

#### Comments

Electricity consumption, CO<sub>2</sub> emissions, water consumption, and industrial waste increased in amount due to the increase in production but the specific consumption per net sales improved. Meanwhile, we reduced fuel consumption by installing a turbo refrigerator.

### 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> )	N/A			—			
NOx (ppm)	R-13 Boiler (21 plant)	250	—	120	83	83	Twice/year
SOx (Nm <sup>3</sup> /h)	N/A			—			

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

Items	Total emission	
	FY 2006	FY 2007
NOx	4.33	4.33
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
16	2-amino ethanol	15.2	0	0	0	15.2	0	0	0	0
207	Copper water-soluble salt	34.7	0	0	0	0	0	3.5	31.3	0
310	Formaldehyde	7.2	0	0	0	0	0	0	6.9	0.4
Target chemical substances total		57.2	0	0	0	15.2	0	3.5	38.1	0.4

#### Comments

Handled amounts of copper water-soluble salts increased due to the increase in production volume. Handled amounts of other chemical substances also increased due to the increase in production volume.