


Kyocera Group Environmental Impact Data

KYOCERA SLC Technologies Corporation Sendai Office



Profile

Location	1810 Taki-cho, Satsumasendai-shi, Kagoshima
Products manufactured	Organic packages for semiconductor device, high-density multilayer organic substrates
Number of employees	163
Landarea	(Inside Kyocera Kagoshima Sendai Plant)
Total floor space	12,000m ²

Environmental Performance

Items	Units		FY 2010		FY 2011	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Energy	kℓ (crudeoil based)	kℓ/M Yen	4,962	1.30	5,068	0.99
CO ₂	t-CO ₂	t-CO ₂ /M Yen	8,669	2.26	7,896	1.54
Water	m ³	m ³ /M Yen	344,873	90.0	387,830	75.8
Industrial waste emissions	kg	kg/M Yen	499,880	130	848,180	166
Effluent	m ³	m ³ /M Yen	—	—	—	—

Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY2011		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm ³)	N/A				—		
NOx (ppm)	R-13 absorption chiller	150	120	114	62	62	Twice/year
SOx (Nm ³ /h)	N/A				—		

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2010	FY 2011
NOx	0.00	0.01
SOx	0	0

Water quality

(units: mg/ℓ)

Items	Legal standard	Internal criteria	Self-management standard	Performance for FY2011		
				Ave	Max	Measurement frequency
N/A				—		

Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2010	FY 2011
N/A	—	

Bad odors

No incidents exceeded standards.

Noise and vibration

No incidents exceeded standards.

PRTR substances

(units: tons)

Number	Substance	Handled amounts	Releases			Transfers to		Other amounts		
			Air	Water	Soil	Waste	Sewage	Recycled	Consumption	Removed by process
20	2-aminoethanol	5.9	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0
71	ferric chloride	70.6	0.0	0.0	0.0	1.3	0.0	0.0	69.4	0.0
272	copper salts(water-soluble, except complex salts)	29.6	0.0	0.0	0.0	0.0	0.0	15.1	14.5	0.0
395	water-soluble salts of peroxodisulfuric acid	9.7	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0
411	formaldehyde	6.4	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0
412	manganese and its compounds	1.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0
Target chemical substances total		123.6	0.0	0.0	0.0	8.6	0.0	15.1	100.0	0.0