

Kyocera Group Site Information

KYOCERA SLC Technologies Corporation Kagoshima Kokubu Office



Profile

Location	1-1 Kokubu Yamashita-cho, Kirishima-shi, Kagoshima
Products manufactured	Organic multilayer substrates
Number of employees	94
Land area	(Inside Kyocera Kagoshima 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	7,529,448	3,119	7,678,881	2,527
Fuel (natural gas, diesel fuel)	kℓ (crude-oil based)	kℓ/M Yen	1,268	0.52	1,359	0.45
CO ₂	t-CO ₂	t-CO ₂ /M Yen	4,867	2.02	5,089	1.67
Water	m ³	m ³ /M Yen	120,826	50.05	117,885	38.79
Industrial waste emissions	kg	kg/M Yen	172,520	71.46	226,380	74.49
Effluent	m ³	m ³ /M Yen	—	—	—	—

Comments

Electricity consumption, fuel consumption, and CO₂ emissions increased in amount due to the increase in production but the specific consumption per net sales improved due to an improvement in production efficiency. Waste emissions increased because we disposed of unused items but in terms of specific consumption, waste emissions improved. We were able to reduce water consumption in terms of both amount and specific consumption.

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)	KST small-size boiler No. 1	—	—	—	—	—	Once/every 5 years
	KST small-size boiler No. 2	—	—	—	—	—	Once/every 5 years
NO _x (ppm)	KST small-size boiler No. 1	150	—	108	87.0	88.0	Twice/year
	KST small-size boiler No. 2	150	—	108	88.0	89.0	Twice/year
SO _x (Nm ³ /h)	N/A	—	—	—	—	—	—

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
NO _x	3.97	4.89
SO _x	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	4.7	0	0	0	4.5	0	0	0.2	0
207	Copper water-soluble salt	21.9	0	0	0	3.6	0	0	0.3	0
310	Formaldehyde	1.8	0	0	0	0.4	0	0	1.3	0.1
Target chemical substances total		28.4	0	0	0	8.5	0	0	1.8	0.1

Comments

The handled amounts increased as production volume increased but due to an improved yield and lighter-, thin-design products, we are improving the ratio-of-use of target substances which reduces their use in total.