

Kyocera Group Site Information

Kyocera Chemical Corporation Kohriyama Plant



Profile

Location	2-17 Machiidedai, Kohriyama-shi, Fukushima
Products manufactured	Molding compounds for semiconductor encapsulation
Number of employees	83
Land area	66,000m ²
Total floor space	17,845m ²

Environmental Performance

Items	Units		FY 2008		FY 2009	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	kWh/M Yen	5,588,470	1,084	4,493,490	1,123
Fuel (kerosene)	kℓ (crude-oil based)	kℓ/M Yen	313	0.061	304	0.076
CO ₂	t-CO ₂	t-CO ₂ /M Yen	6,909	1.34	5,206	1.30
Water	m ³	m ³ /M Yen	47,209	9.1	35,504	8.87
Industrial waste emissions	kg	kg/M Yen	356,784	69.18	283,250	70.80
Effluent	m ³	m ³ /M Yen	0	0	0	0

Comments

The gross amount of electricity consumption was decreased by consolidating compressors and turning off its power diligently, but its per net sales (kWh/million Yen) was got worse by product decrease. The gross amount of water consumption and industrial waste discharge were decreased by implementing improvement actions, but these per net sales (the amount / million yen) were got worse by production decrease.

Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY2009		
					Ave	Max	Measurement frequency
Soot and dust (g/Nm ³)	Flow-through boiler No.1	0.3	—	0.1	0.005	0.005	Twice/year
	Flow-through boiler No.2	0.3	—	0.1	0.005	0.005	Twice/year
NO _x (ppm)	Flow-through boiler No.1	180	—	133	58	59	Twice/year
	Flow-through boiler No.2	180	—	133	55	67	Twice/year
SO _x (Nm ³ /h)	Flow-through boiler No.1	1.5	—	0.075	0.01	0.01	Twice/year
	Flow-through boiler No.2	1.5	—	0.075	0.01	0.01	Twice/year

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2008	FY 2009
NO _x	1.01	1.38
SO _x	0.37	0.34

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
N/A						

Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2008	FY 2009
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
25	Antimony and its composites	49.83	0	0	0	4.90	0	0	44.93	0
144	HCFC-225	5.75	5.75	0	0	0	0	0	0	0
	Target chemical substances total	55.58	5.75	0	0	4.90	0	0	44.93	0

Comments

The spray inspection has been experimenting to reduce and abolish the used amount of HCFC-225 in mold release agent, and a product characteristic evaluation which is looking for alternative materials has been performing to abolish it. The used amount is increased by increasing the amount of adhesion row materials. We will promote it to be early realization.