

Kyocera Group Site Information

Kyocera Chemical Corporation Moka Plant



Profile

Location	6-2, Matsuyama-cho, Moka, Tohigi
Products manufactured	Unsaturated polyester molded parts, pultrusion molded parts
Number of employees	41
Land area	22,000m ²
Total floor space	4,126m ²

Environmental Performance

Items	Units		FY 2006		FY 2007	
	Amount	Specific consumption	Amount	Specific consumption	Amount	Specific consumption
Electricity	kWh	kWh/M Yen	718,979	748.9	644,232	672.0
Fuel (kerosene)	kℓ (crude-oil based)	kℓ/M Yen	1.5	0.002	1.7	0.002
CO ₂	t-CO ₂	t-CO ₂ /M Yen	242	0.25	310	0.32
Water	m ³	m ³ /M Yen	4,081	4.25	4,418	4.61
Industrial waste emissions	kg	kg/M Yen	38,846	40.46	24,902	25.97
Effluent	m ³	m ³ /M Yen	4,081	4.25	4,418	4.61

Comments

We were able to reduce electricity in terms of both amount and specific consumption per net sales by promoting measures to consolidate individual exhaust facility. We also succeeded in reducing industrial waste emissions in terms of both amount and specific consumption per net sales.

Air related

Items	Facility	Legal standard	Internal criteria	Self-management standard	Performance for FY 2007		
					Ave	Max	Measurement frequency
N/A							

Air emission: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
N/A		

Comments

N/A

Water quality (units: mg/ℓ)

Items	Legal standard	Internal criteria	Self-management standard	Performance for FY 2007		
				Ave	Max	Measurement frequency
Hydrogen ion concentration (pH)	5.8~8.6	—	6.3~8.1	7.40	7.70	Once/month
Biochemical oxygen demand (BOD)	20	—	8.3	1.10	5.00	Once/month
Suspended solid (SS)	40	—	4.5	1.40	2.80	Once/month
N-hexane extracts weight	5	—	0.8	0.55	0.78	Once/month

Water pollution: total impact (units: tons)

Items	Total emission	
	FY 2006	FY 2007
Biochemical oxygen demand (BOD)	0.007	0.004

Comments

Less than self-management standards, no incidents exceeded standards.

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
177	Styrene	164.7	2.0	0	0	1.6	0	0	161.1	0
	Target chemical substances total	164.7	2.0	0	0	1.6	0	0	161.1	0

Comments

We reduce environmental loads by developing and marketing "Premix" (unsaturated polyester molding compounds), a styrene-free compound that meets emission controls for volatile organic components (VOC).