

Key Environmental Performance of the Shiono Group (FY2025)

Utilities Consumption, Energy Consumption and Waste Generation

Prepared 2026/6/5

Item		SHIONO KORYO KAISHA, LTD.			SHIONO FINESSE, LTD.	SHIONO KORYO KAISHA (TAIWAN) LTD.	SHANGHAI FANGJING FLAVORS & FRAGRANCES CO., LTD.	Total	FY2024	Change from FY2024	
		[Unit]	Osaka Manufacturing Site	Osaka Head Office							Tokyo Headquarters
●Purchased Utilities											
	Electricity Purchased	[kWH]	1,690,973	51,244	522,118	6,220,215	574,051	574,719	9,633,320	9,764,157	-130,837
	Renewable Electricity Purchased under Green Power Contracts	[kWH]	—	—	—	1,244,043	—	—	1,244,043	637,283	606,760
	City Gas	[Nm3]	406,592	—	2,647	—	37,346	32,589	479,174	490,774	-11,600
	LPG (Liquefied Petroleum Gas)	[Nm3]	—	—	—	5	—	—	5	5	0
	Municipal Water	[m3]	2,589	—	1,056	24,276	5,126	15,619	48,666	37,480	11,186
	Industrial Water	[m3]	39,253	—	—	81,328	—	—	120,581	124,044	-3,463
	Total Water Withdrawal	[m3]	41,842	0	1,056	105,604	5,126	15,619	169,247	161,524	7,723
	Diesel Fuel	[ℓ]	—	—	—	1,067	—	—	1,067	1,290	-223
	Gasoline	[ℓ]	169	2,892	413	265	14,789	2,139	20,666	19,061	1,605
	Kerosene	[ℓ]	—	—	—	649,844	—	—	649,844	659,140	-9,296
● On-site Renewable Energy Generation											
	Solar Power Generation	[kWH]	31,562	—	—	35,381	—	—	66,943	68,062	-1,119
● Waste Generation											
	General Waste	[kg]	Not Available	Not Available	14,410	Not Available	11,000	Not Available	25,410	25,780	-370
	Industrial Waste (Non-hazardous Waste)	[kg]	257,425	1,125	5,610	75,095	0	17,230	356,485	349,136	7,349
	Product Waste (Approved Disposal)	[kg]	16,142	0	0	0	737	5,800	22,679	23,173	-494
	Specially Controlled Industrial Waste (Hazardous Waste)	[kg]	26,180	0	0	4,427,650	0	0	4,453,830	4,923,687	-469,857
	Waste Cardboard	[kg]	13,560	0	1,600	8,900	0	—	24,060	21,980	2,080
	Copy Paper Consumption	[sheets]	248,006	73,000	120	412,000	71,834	70,500	875,460	856,551	18,909
	Empty Drums (Recycled)	[kg]	20,320	0	0	0	0	0	20,320	36,120	-15,800
	Class I Designated Chemical Substances	VOC(Volatile Organic Compounds)		—	9 substances	—	—	—	—	—	—
	Emissions to Air	[kg]	670	—	—	15,890	—	—	16,560	20,810	-4,250
	Transfers to Sewerage	[kg]	440	—	—	0	—	—	440	440	0
	Off-site Transfers	[kg]	1,100	—	—	893,830	—	—	894,930	1,063,740	-168,810
● Energy Consumption											
	Electricity Purchased	[GJ]	6,088	184	1,880	22,393	2,067	2,069	34,680	35,151	-471
	City Gas	[GJ]	18,297	—	119	—	1,535	1,339	21,290	21,813	-523
	LPG (Liquefied Petroleum Gas)	[GJ]	—	—	—	1	—	—	1	1	0
	Diesel Fuel	[GJ]	—	—	—	41	—	—	41	49	-9
	Gasoline	[GJ]	6	100	14	9	512	74	715	660	55
	Kerosene	[GJ]	—	—	—	23,849	—	—	23,849	24,190	-341
	Total	[GJ]	24,390	285	2,013	46,292	4,113	3,482	80,576	81,864	-1,288