

Key Environmental Performance of the Shiono Group (FY2024)

Utilities Consumption, Energy Consumption and Waste Generation

2025/5/28

Item		SHIONO KORYO KAISHA, LTD.			SHIONO FINESSE, LTD.	SHIONO KORYO KAISHA (TAIWAN) LTD.	SHANGHAI FANGJING FLAVORS & FRAGRANCES CO., LTD.	Total	FY2023	Change from FY2023
		Osaka Manufacturing Site	Osaka Head Office	Tokyo Headquarters						
● Purchased Utilities										
	Electricity Purchased [kWH]	1,709,048	54,973	507,846	6,372,826	715,625	458,364	9,818,682	9,765,775	52,907
	Renewable Electricity Purchased under Green Power Contracts [kWH]	—	—	—	637,283	—	—	637,283	—	—
	City Gas [Nm3]	418,836	—	2,043	—	38,721	30,939	490,539	519,178	-28,639
	LPG (Liquefied Petroleum Gas) [Nm3]	—	—	—	5	—	—	5	7	-2
	Municipal Water [m3]	648	—	1,034	22,911	5,374	7,279	37,246	36,584	662
	Industrial Water [m3]	42,292	—	—	81,752	—	—	124,044	126,288	-2,244
	Total Water Withdrawal [m3]	42,940	0	1,034	104,663	5,374	7,279	161,290	162,872	-1,582
	Diesel Fuel [ℓ]	—	—	—	1,290	—	—	1,290	1,419	-129
	Gasoline [ℓ]	250	673	229	174	12,733	7,500	21,559	21,407	152
	Kerosene [ℓ]	—	—	—	659,140	—	—	659,140	636,801	22,339
● On-site Renewable Energy Generation										
	Solar Power Generation [kWH]	31,034	—	—	37,028	—	—	68,062	63,588	4,474
● Waste Generation										
	General Waste [kg]	Not Available	Not Available	13,880	Not Available	Not Available	Not Available	13,880	Not Available	—
	Non-hazardous Waste [kg]	288,052	1,085	5,500	62,479	12,400	11,130	380,646	384,833	-4,187
	Hazardous Waste [kg]	24,787	—	—	4,895,100	—	3,500	4,923,387	4,559,070	364,317
	Waste Cardboard [kg]	14,010	—	1,600	6,370	—	—	21,980	25,630	-3,650
	Copy Paper Consumption [sheets]	247,751	82,000	100	407,000	60,700	45,000	842,551	843,280	-729
● Energy Consumption										
	Electricity Purchased [GJ]	6,153	198	1,828	22,942	2,576	1,650	35,347	35,157	191
	City Gas [GJ]	18,848	—	92	—	1,591	1,272	21,803	23,091	-1,288
	LPG (Liquefied Petroleum C [GJ]	—	—	—	1	—	—	1	1	-0
	Diesel Fuel [GJ]	—	—	—	49	—	—	49	0	49
	Gasoline [GJ]	9	23	8	6	441	260	746	741	5
	Kerosene [GJ]	—	—	—	24,190	—	—	24,190	23,371	819
	Total [GJ]	25,010	221	1,928	47,188	4,608	3,181	82,136	82,360	-224