

Key Environmental Performance of the Shiono Group (FY2023)

Utilities Consumption, Energy Consumption and Waste Generation

2024/6/26

Item			SHIONO KORYO KAISHA, LTD.	SHIONO FINESSE, LTD.	SHIONO KORYO KAISHA (TAIWAN) LTD.	SHANGHAI FANGJING FLAVORS & FRAGRANCES CO., LTD.	Total	FY2022	Change from FY2022
Unit	Osaka Manufacturing Site								
● Purchased Utilities									
	Electricity Purchased	[kWH]	1,725,113	6,303,854	715,625	458,364	9,202,956	9,096,332	106,624
	City Gas	[Nm3]	447,475	—	38,721	30,939	517,135	543,329	-26,194
	LPG (Liquefied Petroleum Gas)	[Nm3]	—	7	—	—	7	8	-1
	Municipal Water	[m3]	818	22,079	5,374	7,279	35,550	42,903	-7,353
	Industrial Water	[m3]	45,703	80,585	—	—	126,288	118,778	7,510
	Total Water Withdrawal	[m3]	46,521	102,664	5,374	7,279	161,838	161,681	157
	Gasoline	[ℓ]	117	155	12,733	7,500	20,505	24,002	-3,497
	Kerosene	[ℓ]	—	636,801	—	—	636,801	629,201	7,600
● On-site Renewable Energy Generation									
	Solar Power Generation	[kWH]	25,816	37,772	—	—	63,588	69,137	-5,549
● Waste Generation									
	General Waste	[kg]	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	—
	Non-hazardous Waste	[kg]	294,165	60,553	12,400	11,130	378,248	367,077	11,171
	Hazardous Waste	[kg]	35,070	4,520,500	—	3,500	4,559,070	4,398,022	161,048
	Waste Cardboard	[kg]	17,250	6,780	—	—	24,030	22,740	1,290
	Copy Paper Consumption	[sheets]	277,480	378,000	60,700	45,000	761,180	846,387	-85,207
● Energy Consumption									
	Electricity Purchased	[GJ]	6,210	22,694	2,576	1,650	33,131	32,747	383
	City Gas	[GJ]	20,136	—	1,591	1,272	22,999	24,166	-1,167
	LPG (Liquefied Petroleum C	[GJ]	—	1	—	—	1	1	-0
	Gasoline	[GJ]	4	5	441	260	709	830	-120
	Kerosene	[GJ]	0	23,371	—	—	23,371	23,092	279
	Total	[GJ]	26,351	46,071	4,608	3,181	80,211	80,836	-625